

Deep Learning Applications in Coronary Atherosclerosis

Imaging, a Systematic Review and Meta-Analysis

(Artificial Intelligence Review Journal)

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7EH, United Kingdom.

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Appendix 2. Full search history.

Database: Embase <1974 to 2020 Week 42>, Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to October 21, 2020>

Search Strategy:

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- 1 deep learning.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (29020)
 - 2 machine learning.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (92595)
 - 3 artificial intelligence.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (60856)
 - 4 neural network.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (100397)
 - 5 supervised learning.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (6109)
 - 6 unsupervised learning.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (3112)
 - 7 semi-supervised learning.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (1126)
 - 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (235653)
 - 9 coronar*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (1231193)
 - 10 heart.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (3682928)
 - 11 myocard*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (1141470)
 - 12 9 or 10 or 11 (4395837)
 - 13 atherosclero*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (448498)
 - 14 plaque.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (269405)
 - 15 isch?mi*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (1117089)
 - 16 stenosis.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy] (490965)

17 calci*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, an, ui, sy]
(1765355)

18 13 or 14 or 15 or 16 or 17 (3715696)

- 19 12 and 18 (1055531)
- 20 8 and 19 (1822)
- 21 remove duplicates from 20 (1346)

1.

Machine Learning of 12-Lead QRS Waveforms to Identify Cardiac Resynchronization Therapy Patients with Differential Outcomes.

Feeny A.K., Rickard J., Trulock K.M., Patel D., Toro S., Moennich L.A., Varma N., Niebauer M.J., Gorodeski E.Z., Grimm R.A., Barnard J., Madabhushi A., Chung M.K.

Embase

Circulation: Arrhythmia and Electrophysiology. 13 (7) (pp 605-616), 2020. Date of Publication: 01 Jul 2020.

[Article]

AN: 632754409

Publisher

Lippincott Williams and Wilkins (E-mail: customerservice@lww.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

2.

Cardiovascular CT and MRI in 2019: Review of key articles.

Dodd J.D., Leipsic J.

Embase

Radiology. 297 (1) (pp 17-30), 2020. Date of Publication: October 2020.

[Review]

AN: 2008030892

Publisher

Radiological Society of North America Inc. (E-mail: radiology@rsna.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

3.

Deep learning for automated sleep staging using instantaneous heart rate.

Sridhar N., Shoeb A., Stephens P., Kharbouch A., Shimol D.B., Burkart J., Ghoreyshi A., Myers L.

Embase

npj Digital Medicine. 3 (1) (no pagination), 2020. Article Number: 106. Date of Publication: 01 Dec 2020.

[Article]

AN: 2005920473

Publisher

Nature Research (E-mail: subscriptions@nature.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

4.

Clinical Implications of Machine Learning, Artificial Intelligence, and Radiomics in Cardiac Imaging.

Yum B., Adelsheimer A., Tafreshi R., Hagopian R., Kim J.

Embase

Current Treatment Options in Cardiovascular Medicine. 22 (11) (no pagination), 2020. Article Number: 48. Date of Publication: 01 Nov 2020.

[Review]

AN: 2006920976

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

5.

The Association between Marital Status, Coronary Computed Tomography Imaging Biomarkers, and Mortality in a Lung Cancer Screening Population.

Celeng C., Takx R.A.P., Lessmann N., Maurovich-Horvat P., Leiner T., Isgum I., De Jong P.A.

Embase

Journal of Thoracic Imaging. 35 (3) (pp 204-209), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 629756040

Publisher

Lippincott Williams and Wilkins (E-mail: customerservice@lww.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

6.

Cerebral ischemia detection using artificial intelligence (CIDA)-A study protocol.

Block L., El-Merhi A., Liljencrantz J., Naredi S., Staron M., Odenstedt Herges H.

Embase

Acta Anaesthesiologica Scandinavica. 64 (9) (pp 1335-1342), 2020. Date of Publication: 01 Oct 2020.

[Article]

AN: 2005453380

Publisher

Blackwell Munksgaard (E-mail: info@mks.blackwellpublishing.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

7.

Sustainability and versatility of the ABCDE protocol for stress echocardiography.

Picano E., Zagatina A., Wierzbowska-Drabik K., Daros C.B., D'andrea A., Ciampi Q.

Embase

Journal of Clinical Medicine. 9 (10) (pp 1-14), 2020. Article Number: 3184. Date of Publication: October 2020.

[Review]

AN: 2005155530

Publisher

MDPI AG (E-mail: diversity@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

8.

Machine learning-based classification and diagnosis of clinical cardiomyopathies.

Alimadadi A., Manandhar I., Aryal S., Munroe P.B., Joe B., Cheng X.

Embase

Physiological Genomics. 52 (9) (pp 391-400), 2020. Date of Publication: 2020.

[Article]

AN: 2005131162

Publisher

American Physiological Society

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

9.

Factors associated with differing types of heart failure in patients with rheumatoid arthritis.

Huang S., Solomon D., He Z., Dahal K., Hong C., Cagan A., Kim S.C., Joseph J., Cai T., Liao K.

Embase

Arthritis and Rheumatology. Conference: American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting, ACR/ARHP 2019. United States. 71 (Supplement 10) (pp 4108-4110), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 633059245

Publisher

John Wiley and Sons Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

10.

A greedy classifier optimization strategy to assess ion channel blocking activity and proarrhythmia in hiPSC-cardiomyocytes.

Raphel F., de Korte T., Lombardi D., Braam S., Gerbeau J.-F.

Embase

PLoS Computational Biology. 16 (9) (no pagination), 2020. Article Number: 1008203. Date of Publication: September 2020.

[Article]

AN: 2008016247

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

11.

CT Coronary Angiography Fractional Flow Reserve: New Advances in the Diagnosis and Treatment of Coronary Artery Disease.

Shah N.R., Pierce J.D., Kikano E.G., Rahnemai-Azar A.A., Gilkeson R.C., Gupta A.

Embase

Current Problems in Diagnostic Radiology. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 2008024027

Publisher

Mosby Inc. (E-mail: periodical.service@mosby.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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12.

Advanced imaging in the diagnosis of cardiovascular diseases: The "ongoing" future.

Saba L.

Embase

Cardiovascular Diagnosis and Therapy. 10 (4) (pp 915-918), 2020. Date of Publication: August 2020.

[Editorial]

AN: 2007739830

Publisher

AME Publishing Company (E-mail: info@amepc.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

13.

Optimizing management of atrial fibrillation: Integrated care, blood pressure control, ablation, and left atrial appendix occlusion.

Luscher T.F.

Embase

European Heart Journal. 41 (28) (pp 2821-2825), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 632805707

Publisher

Oxford University Press (E-mail: jnls.cust.serv@oupjournals.org)

Link to the Ovid Full Text or citation:

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14.

Cardiovascular/stroke risk predictive calculators: a comparison between statistical and machine learning models.

Jamthikar A., Gupta D., Saba L., Khanna N.N., Araki T., Viskovic K., Mavrogeni S., Laird J.R., Pareek G., Miner M., Sfikakis P.P., Protogerou A., Viswanathan V., Sharma A., Nicolaidis A., Kitas G.D., Suri J.S.

Embase

Cardiovascular Diagnosis and Therapy. 10 (4) (pp 919-938), 2020. Date of Publication: August 2020.

[Article]

AN: 2007739831

Publisher

AME Publishing Company (E-mail: info@amepc.org)

Link to the Ovid Full Text or citation:

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15.

Europe's war against covid-19: A map of countries' disease vulnerability using mortality indicators.

Horobet A., Simionescu A.A., Dumitrescu D.G., Belascu L.

Embase

International Journal of Environmental Research and Public Health. 17 (18) (pp 1-19), 2020.

Article Number: 6565. Date of Publication: 02 Sep 2020.

[Article]

AN: 2005048597

Publisher

MDPI AG (E-mail: diversity@mdpi.com)

Link to the Ovid Full Text or citation:

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16.

Artificial Intelligence in Cardiac CT: Automated Calcium Scoring and Plaque Analysis.

Lee H., Emrich T., Schoepf U.J., Brandt V., Leonard T.J., Gray H.N., Giovagnoli V.M., Dargis D.M., Burt J.R., Tesche C.

Embase

Current Cardiovascular Imaging Reports. 13 (11) (no pagination), 2020. Article Number: 29. Date of Publication: 01 Nov 2020.

[Review]

AN: 2006845451

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

17.

Perivascular fat attenuation, inflammation, and coronary artery function.

Nammas W., Saraste A.

Embase

European Heart Journal Cardiovascular Imaging. 21 (6) (pp 606-607), 2020. Date of Publication:
01 Jun 2020.

[Editorial]

AN: 632685070

Publisher

Oxford University Press (E-mail: jnls.cust.serv@oupjournals.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

18.

A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on
Coronary CTA.

Al'Aref S.J., Singh G., Choi J.W., Xu Z., Maliakal G., van Rosendael A.R., Lee B.C., Fatima Z.,
Andreini D., Bax J.J., Cademartiri F., Chinnaiyan K., Chow B.J.W., Conte E., Cury R.C.,
Feuchtner G., Hadamitzky M., Kim Y.-J., Lee S.-E., Leipsic J.A., Maffei E., Marques H., Plank F.,
Pontone G., Raff G.L., Villines T.C., Weirich H.G., Cho I., Danad I., Han D., Heo R., Lee J.H.,
Rizvi A., Stuijzand W.J., Gransar H., Lu Y., Sung J.M., Park H.-B., Berman D.S., Budoff M.J.,
Samady H., Stone P.H., Virmani R., Narula J., Chang H.-J., Lin F.Y., Baskaran L., Shaw L.J., Min
J.K.

Embase

JACC: Cardiovascular Imaging. 13 (10) (pp 2162-2173), 2020. Date of Publication: October 2020.

[Article]

AN: 2007443644

Publisher

Elsevier Inc. (E-mail: sinfo-f@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

19.

Machine learning guided association of adverse drug reactions with in vitro target-based pharmacology.

Ietswaart R., Arat S., Chen A.X., Farahmand S., Kim B., DuMouchel W., Armstrong D., Fekete A., Sutherland J.J., Urban L.

Embase

EBioMedicine. 57 (no pagination), 2020. Article Number: 102837. Date of Publication: July 2020.

[Article]

AN: 2007127662

Publisher

Elsevier B.V. (Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

20.

Use of artificial intelligence and massive data (big data) to identify the risk factors of open surgery to treat infrarenal abdominal aortic aneurysms: A pilot study.

Ricco J.-B., Guetarni F.

Embase

Annals of Vascular Surgery. Conference: Selected papers from the Editorial Board. United Kingdom. 68 (pp 104), 2020. Date of Publication: October 2020.

[Conference Abstract]

AN: 2007942105

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

21.

Researches on the illness risk of essential hypertension complicated with coronary heart disease based on machine learning algorithm.

Jun G., Chao D., Xiao-Gang Z., Tian-Yu X., Hui-Lai W.

Embase

Medical Journal of Chinese People's Liberation Army. 45 (7) (pp 735-741), 2020. Date of Publication: July 2020.

[Article]

AN: 2007846777

Publisher

People's Military Medical Press (E-mail: mjcppla@pmmp.com.cn)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

22.

Prognostic Implications of Coronary CT Angiography: 12-Year Follow-Up of 6892 Patients.

Johnson K.M., Dowe D.A.

Embase

American Journal of Roentgenology. 215 (4) (pp 818-827), 2020. Date of Publication: October 2020.

[Article]

AN: 2007996917

Publisher

American Roentgen Ray Society (E-mail: subscribe@arrs.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

23.

Primary Prevention Trial Designs Using Coronary Imaging: A National Heart, Lung, and Blood Institute Workshop.

Greenland P., Michos E.D., Redmond N., Fine L.J., Alexander K.P., Ambrosius W.T., Bibbins-Domingo K., Blaha M.J., Blankstein R., Fortmann S.P., Khera A., Lloyd-Jones D.M., Maron D.J., Min J.K., Muhlestein J.B., Nasir K., Sterling M.R., Thanassoulis G.

Embase

JACC: Cardiovascular Imaging. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 2007982484

Publisher

Elsevier Inc. (E-mail: sinfo-f@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

24.

Machine learning-based CT fractional flow reserve assessment in acute chest pain: First experience.

Eberhard M., Nadarevic T., Cousin A., von Spiczak J., Hinzpeter R., Euler A., Morsbach F., Manka R., Keller D.I., Alkadhi H.

Embase

Cardiovascular Diagnosis and Therapy. 10 (4) (pp 820-830), 2020. Date of Publication: August 2020.

[Article]

AN: 2007739817

Publisher

AME Publishing Company (E-mail: info@amepc.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

25.

Understanding Quantitative Computed Tomography Coronary Artery Plaque Assessment Using Machine Learning.

Williams M.C., Newby D.E.

Embase

JACC: Cardiovascular Imaging. 13 (10) (pp 2174-2176), 2020. Date of Publication: October 2020.

[Editorial]

AN: 2007443689

Publisher

Elsevier Inc. (E-mail: sinfo-f@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

26.

Predicting complications of diabetes mellitus using advanced machine learning algorithms.

Ljubic B., Hai A.A., Stanojevic M., Diaz W., Polimac D., Pavlovski M., Obradovic Z.

Embase

Journal of the American Medical Informatics Association : JAMIA. 27 (9) (pp 1343-1351), 2020.

Date of Publication: 01 Jul 2020.

[Article]

AN: 632751460

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

27.

Modification of the functional state of patients with diabetes mellitus ii by means of neurofeedback with a neural network assessment of the activity of the autonomic nervous system.

Pyatakovich F.A., Yakunchenko T.I., Makkonen K.F., Osipova O.A., Mevsha O.V.

Embase

International Journal of Pharmaceutical Research. 12 (2) (pp 1631-1638), 2020. Date of

Publication: April-June 2020.

[Article]

AN: 2004878199

Publisher

Advanced Scientific Research

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

28.

Machine Learning Improves Cardiovascular Risk Definition for Young, Asymptomatic Individuals.
Sanchez-Cabo F., Rossello X., Fuster V., Benito F., Manzano J.P., Silla J.C., Fernandez-Alvira
J.M., Oliva B., Fernandez-Friera L., Lopez-Melgar B., Mendiguren J.M., Sanz J., Ordovas J.M.,
Andres V., Fernandez-Ortiz A., Bueno H., Ibanez B., Garcia-Ruiz J.M., Lara-Pezzi E.

Embase

Journal of the American College of Cardiology. 76 (14) (pp 1674-1685), 2020. Date of
Publication: 6 October 2020.

[Article]

AN: 2007891822

Publisher

Elsevier Inc. (E-mail: sinfo-f@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

29.

TCT-55 Clinical Predictors of Obstructive Coronary Artery Disease in Individuals with Suspected
Coronary Artery Disease.

Al'Aref S., van Rosendael A., Maliakal G., Singh G., Ma X., Pandey M., Wang J., Do V., Kim T.S.,
Gummalla M., Achenbach S., AL-Mallah M., Andreini D., Bax J., Berman D., Budoff M.,
Cademartiri F., Callister T., Chang H.-J., Chinnaiyan K., Chow B., Cury R., Delago A., Feuchtnr
G., Hadamitzky M., Hausleiter J., Kaufmann P., Kim Y.-J., Leipsic J., Maffei E., Marques H.,
Pontone G., Raff G., Rubinshtein R., Shaw L., Villines T., Gransar H., Lu Y., Jones E., Pena J.,
Lin F., Min J.

Embase

Journal of the American College of Cardiology. Conference: Thirtieth Annual Symposium
Transcatheter Cardiovascular Therapeutics (TCT)-Abstracts. United States. 72 (13 Supplement)
(pp B24-B25), 2018. Date of Publication: 25 September 2018.

[Conference Abstract]

AN: 2001100726

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

30.

Clinical implementation of AI technologies will require interpretable AI models.

Jia X., Ren L., Cai J.

Embase

Medical Physics. 47 (1) (pp 1-4), 2020. Date of Publication: 01 Jan 2020.

[Article]

AN: 2003716948

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

31.

Deep morphology aided diagnosis network for segmentation of carotid artery vessel wall and diagnosis of carotid atherosclerosis on black-blood vessel wall MRI.

Wu J., Xin J., Yang X., Sun J., Xu D., Zheng N., Yuan C.

Embase

Medical Physics. 46 (12) (pp 5544-5561), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 2003499915

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

32.

Unsupervised abnormality detection through mixed structure regularization (MSR) in deep sparse autoencoders.

Freiman M., Manjeshwar R., Goshen L.

Embase

Medical Physics. 46 (5) (pp 2223-2231), 2019. Date of Publication: May 2019.

[Article]

AN: 626889125

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

33.

Convolutional neural network-based approach for segmentation of left ventricle myocardial scar from 3D late gadolinium enhancement MR images.

Zabihollahy F., White J.A., Ukwatta E.

Embase

Medical Physics. 46 (4) (pp 1740-1751), 2019. Date of Publication: April 2019.

[Article]

AN: 626601720

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

34.

Initial evaluation of a convolutional neural network used for noninvasive assessment of coronary artery disease severity from coronary computed tomography angiography data.

Podgorsak A.R., Sommer K.N., Reddy A., Iyer V., Wilson M.F., Rybicki F.J., Mitsouras D.,

Sharma U., Fujimoto S., Kumamaru K.K., Angel E., Ionita C.N.

Embase

Medical Physics. 47 (9) (pp 3996-4004), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 2005546840

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

35.

Detection of optical coherence tomography-defined thin-cap fibroatheroma in the coronary artery using deep learning.

Min H.-S., Yoo J.H., Kang S.-J., Lee J.-G., Cho H., Lee P.H., Ahn J.-M., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology. 16 (5) (pp 404-412), 2020. Date of Publication: 28 Aug 2020.

[Article]

AN: 632718040

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

36.

Transforming Data Into Diagnosis: Exercises for a Computer to Perform and a Physician to Interpret.

Min J.K., Earls J.P.

Embase

Journal of the American College of Cardiology. 76 (14) (pp 1686-1689), 2020. Date of Publication: 6 October 2020.

[Editorial]

AN: 2007891816

Publisher

Elsevier Inc. (E-mail: sinfo-f@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

37.

Detecting the Media-adventitia Border in Intravascular Ultrasound Images through a Classification-based Approach.

Wang Y.-Y., Qiu C.-H., Jiang J., Xia S.-R.

Embase

Ultrasonic imaging. 41 (2) (pp 78-93), 2019. Date of Publication: 01 Mar 2019.

[Article]

AN: 631873000

Publisher
NLM (Medline)

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

38.

Prediction of coronary artery calcium score using machine learning in a healthy population.

Lee J., Lim J.-S., Chu Y., Lee C.H., Ryu O.-H., Choi H.H., Park Y.S., Kim C.

Embase

Journal of Personalized Medicine. 10 (3) (pp 1-10), 2020. Article Number: 96. Date of Publication:
September 2020.

[Article]

AN: 2004965292

Publisher

MDPI AG (E-mail: diversity@mdpi.com)

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

39.

EuroEcho 2019: Highlights.

Magne J., Bharucha T., Cikes M., Galderisi M., Price S., Sade L.E., Popescu B.A., Cosyns B., Edvardsen T.

Embase

European Heart Journal Cardiovascular Imaging. 21 (5) (pp 469-478), 2020. Date of Publication: 01 May 2020.

[Review]

AN: 632134747

Publisher

Oxford University Press (E-mail: jnls.cust.serv@oupjournals.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

40.

Multi-Omics Approaches to Study Long Non-coding RNA Function in Atherosclerosis.

Turner A.W., Wong D., Khan M.D., Dreisbach C.N., Palmore M., Miller C.L.

Embase

Frontiers in Cardiovascular Medicine. 6 (no pagination), 2019. Article Number: 9. Date of Publication: 19 Feb 2019.

[Review]

AN: 630832453

Publisher

Frontiers Media S.A. (c/o Michael Kenyon, ch. de la Pecholettaz 6, Epalinges 1066, Switzerland.

E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

41.

Machine Learning for Assessment of Coronary Artery Disease in Cardiac CT: A Survey.

Hampe N., Wolterink J.M., van Velzen S.G.M., Leiner T., Isgum I.

Embase

Frontiers in Cardiovascular Medicine. 6 (no pagination), 2019. Article Number: 172. Date of Publication: 26 Nov 2019.

[Review]

AN: 630833677

Publisher

Frontiers Media S.A. (c/o Michael Kenyon, ch. de la Pecholettaz 6, Epalinges 1066, Switzerland.

E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

42.

Image-Based Cardiac Diagnosis With Machine Learning: A Review.

Martin-Isla C., Campello V.M., Izquierdo C., Raisi-Estabragh Z., Baessler B., Petersen S.E.,

Lekadir K.

Embase

Frontiers in Cardiovascular Medicine. 7 (no pagination), 2020. Article Number: 1. Date of Publication: 24 Jan 2020.

[Review]

AN: 630832907

Publisher

Frontiers Media S.A. (c/o Michael Kenyon, ch. de la Pecholettaz 6, Epalinges 1066, Switzerland.

E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

43.

Ranking sociodemographic, health behavior, prevention, and environmental factors in predicting neighborhood cardiovascular health: A Bayesian machine learning approach.

Hu L., Liu B., Li Y.

Embase

Preventive Medicine. 141 (no pagination), 2020. Article Number: 106240. Date of Publication: December 2020.

[Article]

AN: 2007795405

Publisher

Academic Press Inc. (E-mail: apjcs@harcourtbrace.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

44.

Machine learning wall thickness measurement in hypertrophic cardiomyopathy exceeds performance of world experts.

Augusto J.B., Davies R., Bhuva A., Knott K., Seraphim A., Al-Farih M., Lau C., Hughes R., Lopes L., Shiwani H., Gerber B., Craig C.H., Ntusi N., Pontone G., Desai M.Y., Greenwood J.P., Swoboda P.P., Captur G., Cavalcante J., Bucciarelli-Ducci C., Petersen S.E., Schelbert E., Manisty C., Moon J.C.

Embase

Heart. Conference: 2020 Annual Conference of the British Cardiovascular Society, BCS 2020. United Kingdom. 106 (SUPPL 2) (pp A112-A113), 2020. Date of Publication: July 2020.

[Conference Abstract]

AN: 632942371

Publisher

BMJ Publishing Group

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

45.

Identification of mutation in EPHA2 in a family with premature myocardial infarction (MI).

Ahmad I., Erdmann J., Diemert P.

Embase

European Journal of Human Genetics. Conference: 51st European Society of Human Genetics Conference. Italy. 27 (Supplement 1) (pp 926), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 632940698

Publisher

Springer Nature

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

46.

Machine learning and atherosclerotic cardiovascular disease risk prediction in a multi-ethnic population.

Ward A., Sarraju A., Chung S., Li J., Harrington R., Heidenreich P., Palaniappan L., Scheinker D., Rodriguez F.

Embase

npj Digital Medicine. 3 (1) (no pagination), 2020. Article Number: 125. Date of Publication: 01 Dec 2020.

[Article]

AN: 2006771475

Publisher

Nature Research (E-mail: subscriptions@nature.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

47.

Rehabilitation of post-covid-19 patients.

Asly M., Hazim A.

Embase

Pan African Medical Journal. 36 (pp 1-3), 2020. Article Number: 168. Date of Publication: May-August 2020.

[Letter]

AN: 2004998066

Publisher

African Field Epidemiology Network (E-mail: sec@afenet.net)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

48.

Non-contrast coronary magnetic resonance angiography: current frontiers and future horizons.

Kato Y., Ambale-Venkatesh B., Kassai Y., Kasuboski L., Schuijf J., Kapoor K., Caruthers S., Lima J.A.C.

Embase

Magma (New York, N.Y.). 33 (5) (pp 591-612), 2020. Date of Publication: 01 Oct 2020.

[Review]

AN: 631433851

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

49.

The strange history of a nobel prize winner who predicted the meaning of research.

Cocchi M.

Embase

NeuroQuantology. 9 (3) (pp 429-441), 2011. Date of Publication: 2011.

[Article]

AN: 362578905

Publisher

NeuroQuantology

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

50.

Serum apolipoprotein A-I concentration differs in coronary and peripheral artery disease.

Khan N., Khan J., Lyytikainen L.-P., Lehtimaki T., Laurikka J., Oksala N.

Embase

Scandinavian Journal of Clinical and Laboratory Investigation. 80 (5) (pp 370-374), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 2005366237

Publisher

Taylor and Francis Ltd. (E-mail: michael.wagreich@univie.ac.at)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

51.

Unsupervised clustering for phenotypic stratification of clinical, demographic, and stress attributes of cardiac risk in patients with nonischemic exercise stress echocardiography.

Omar A.M.S., Ramirez R., Haddadin F., Sabharwal B., Khandaker M., Patel Y., Argulian E.

Embase

Echocardiography. 37 (4) (pp 505-519), 2020. Date of Publication: 01 Apr 2020.

[Article]

AN: 2004439536

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

52.

Mathematical Models for Assessing the Severity of Damage to the Heart, Brain, and Lower Limbs Due to Remodeling of the Central Hemodynamic System Caused by a Systemic Ischemic Process.

Korenevskiy N.A., Bykov A.V., Rodionova S.N., Artemenko M.V.

Embase

Biomedical Engineering. 54 (3) (pp 208-211), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 2006126130

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

53.

Cardiovascular risk prediction - are we missing something?.

Gallagher J., Watson C., Ledwidge M., McDonald K.

Embase

European Journal of Heart Failure. 22 (8) (pp 1291-1293), 2020. Date of Publication: 01 Aug 2020.

[Note]

AN: 2005208764

Publisher

John Wiley and Sons Ltd (E-mail: cs-journals@wiley.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

54.

Positron emission tomography imaging in cardiovascular disease.

Tarkin J.M., A orovic A., Wall C., Gopalan D., Rudd J.H.F.

Embase

Heart. (no pagination), 2020. Article Number: 315183. Date of Publication: 2020.

[Review]

AN: 632892148

Publisher

BMJ Publishing Group (E-mail: support@bmj.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

55.

Automatic diagnosis of multiple cardiac diseases from PCG signals using convolutional neural network.

Baghel N., Dutta M.K., Burget R.

Embase

Computer Methods and Programs in Biomedicine. 197 (no pagination), 2020. Article Number: 105750. Date of Publication: December 2020.

[Article]

AN: 2007810566

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

56.

Stratification of cardiopathies using photoplethysmographic signals.

de Moraes J.L., de Oliveira T.L., Rocha M.X., Vasconcelos G.G., de Alexandria A.R.

Embase

Informatics in Medicine Unlocked. 20 (no pagination), 2020. Article Number: 100417. Date of

Publication: 2020.

[Article]

AN: 2007726793

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

57.

The effect of coronary calcification on diagnostic performance of machine learning-based CT-FFR: a Chinese multicenter study.

Di Jiang M., Zhang X.L., Liu H., Tang C.X., Li J.H., Wang Y.N., Xu P.P., Zhou C.S., Zhou F., Lu M.J., Zhang J.Y., Yu M.M., Hou Y., Zheng M.W., Zhang B., Zhang D.M., Yi Y., Xu L., Hu X.H., Yang J., Lu G.M., Ni Q.Q., Zhang L.J.

Embase

European Radiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2006155598

Publisher

Springer Science and Business Media Deutschland GmbH (E-mail: info@springer-sbm.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

58.

Defining heterogeneity of epicardial functional stenosis with low coronary flow reserve by unsupervised machine learning.

Hamaya R., Hoshino M., Yonetsu T., Lee J.M., Koo B.-K., Escaned J., Kakuta T.

Embase

Heart and Vessels. 35 (11) (pp 1527-1536), 2020. Date of Publication: 01 Nov 2020.

[Article]

AN: 2005164136

Publisher

Springer Japan (E-mail: orders@springer.jp)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

59.

The sub-millisievert era in CTCA: the technical basis of the new radiation dose approach.

Schicchi N., Fogante M., Palumbo P., Agliata G., Esposito Pirani P., Di Cesare E., Giovagnoni A.

Embase

La Radiologia medica. (no pagination), 2020. Date of Publication: 15 Sep 2020.

[Review]

AN: 632881858

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

60.

COVID-19 pathways for brain and heart injury in comorbidity patients: A role of medical imaging and artificial intelligence-based COVID severity classification: A review.

Suri J.S., Puvvula A., Biswas M., Majhail M., Saba L., Faa G., Singh I.M., Oberleitner R., Turk M.,

Chadha P.S., Johri A.M., Sanches J.M., Khanna N.N., Viskovic K., Mavrogeni S., Laird J.R.,

Pareek G., Miner M., Sobel D.W., Balestrieri A., Sfikakis P.P., Tsoulfas G., Protogerou A., Misra

D.P., Agarwal V., Kitas G.D., Ahluwalia P., Kolluri R., Teji J., Maini M.A., Agbakoba A., Dhanjil S.K., Sockalingam M., Saxena A., Nicolaides A., Sharma A., Rathore V., Ajuluchukwu J.N.A., Fatemi M., Alizad A., Viswanathan V., Krishnan P.R., Naidu S.

Embase

Computers in Biology and Medicine. 124 (no pagination), 2020. Article Number: 103960. Date of Publication: September 2020.

[Review]

AN: 2007740021

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

61.

Machine learning algorithms in cardiology domain: A systematic review.

Dudchenko A., Ganzinger M., Kopanitsa G.

Embase

Open Bioinformatics Journal. 13 (1) (pp 25-40), 2020. Date of Publication: 2020.

[Review]

AN: 2004788382

Publisher

Bentham Science Publishers

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

62.

The Framingham Heart Study: Populational CT-based phenotyping in the lungs and mediastinum.
Araki T., Washko G.R., Schiebler M.L., O'Connor G.T., Hatabu H.

Embase

European Journal of Radiology Open. 7 (no pagination), 2020. Article Number: 100260. Date of Publication: 2020.

[Review]

AN: 2007798279

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

63.

Incremental image noise reduction in coronary ct angiography using a deep learning-based technique with iterative reconstruction.

Hong J.H., Park E.-A., Lee W., Ahn C., Kim J.-H.

Embase

Korean Journal of Radiology. 21 (10) (pp 1165-1177), 2020. Date of Publication: October 2020.

[Article]

AN: 2004997543

Publisher

Korean Radiological Society (E-mail: office@radiology.or.kr)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

64.

Automated classification of coronary plaque calcification in OCT pullbacks with 3D deep neural networks.

He C., Wang J., Yin Y., Li Z.

Embase

Journal of biomedical optics. 25 (9) (no pagination), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 632845164

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

65.

Accelerating the future of cardiac CT: Social media as sine qua non?.

Choi A.D., Feuchtner G.M., Weir-McCall J., Shaw L.J., Min J.K., Villines T.C.

Embase

Journal of Cardiovascular Computed Tomography. 14 (5) (pp 382-385), 2020. Date of Publication: September - October 2020.

[Review]

AN: 2004905004

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

66.

The Probability of Ischaemic Stroke Prediction with a Multi-Neural-Network Model.

Liu Y., Yin B., Cong Y.

Embase

Sensors (Basel, Switzerland). 20 (17) (no pagination), 2020. Date of Publication: 03 Sep 2020.

[Article]

AN: 632824955

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

67.

Deep learning-based rotation frequency estimation and NURD correction for IVOCT image data.

Mieling T.R., Latus S., Gessert N., Lutz M., Schlaefer A.

Embase

International Journal of Computer Assisted Radiology and Surgery. Conference: 34th

International Congress and Exhibition of the Computer Assisted Radiology and Surgery, CARS 2020. Germany. 15 (1 Supplement) (pp S162-S163), 2020. Date of Publication: 2020.

[Conference Abstract]

AN: 632801838

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

68.

Deep convolutional neural networks (CNN) for classification of coronary arteries.

Lessage X., Nedoszytko M., Piussi C., Mahmoudi S., Mahmoudi S.A.

Embase

International Journal of Computer Assisted Radiology and Surgery. Conference: 34th

International Congress and Exhibition of the Computer Assisted Radiology and Surgery, CARS 2020. Germany. 15 (1 Supplement) (pp S37-S38), 2020. Date of Publication: 2020.

[Conference Abstract]

AN: 632801628

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

69.

Prediction of revascularization by coronary CT angiography using a machine learning ischemia risk score.

Kwan A.C., McElhinney P.A., Tamarappoo B.K., Cadet S., Hurtado C., Miller R.J.H., Han D., Otaki Y., Eisenberg E., Ebinger J.E., Slomka P.J., Cheng V.Y., Berman D.S., Dey D.

Embase

European Radiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2006064868

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

70.

AI-based prediction for the risk of coronary heart disease among patients with type 2 diabetes mellitus.

Fan R., Zhang N., Yang L., Ke J., Zhao D., Cui Q.

Embase

Scientific reports. 10 (1) (pp 14457), 2020. Date of Publication: 02 Sep 2020.

[Article]

AN: 632771545

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

71.

Characteristics, prognosis and treatment response in distinct phenogroups of heart failure with preserved ejection fraction.

Gu J., Pan J.-A., Lin H., Zhang J.-F., Wang C.-Q.

Embase

International Journal of Cardiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2007713513

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

72.

Machine learning confirms nonlinear relationship between severity of peripheral arterial disease, functional limitation and symptom severity.

Baloch Z.Q., Raza S.A., Pathak R., Marone L., Ali A.

Embase

Diagnostics. 10 (8) (no pagination), 2020. Article Number: 515. Date of Publication: August 2020.

[Article]

AN: 2007355917

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

73.

Effect of vessel wall segmentation on volumetric and radiomic parameters of coronary plaques with adverse characteristics.

Kolossvary M., Javorszky N., Karady J., Vecsey-Nagy M., David T.Z., Simon J., Szilveszter B., Merkely B., Maurovich-Horvat P.

Embase

Journal of Cardiovascular Computed Tomography. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2007636566

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

74.

Editor's presentation: Towards a personalised approach in exercise-based cardiovascular rehabilitation: An European Association of Preventive Cardiology (EAPC) call for action.

Halasz G., Piepoli M.F.

Embase

European Journal of Preventive Cardiology. 27 (13) (pp 1347-1349), 2020. Date of Publication: 01 Sep 2020.

[Editorial]

AN: 2006004483

Publisher

SAGE Publications Inc. (E-mail: claims@sagepub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

75.

Functional cardiac CT-Going beyond Anatomical Evaluation of Coronary Artery Disease with Cine CT, CT-FFR, CT Perfusion and Machine Learning.

Peper J., Sucha D., Swaans M., Leiner T.

Embase

The British journal of radiology. 93 (1113) (pp 20200349), 2020. Date of Publication: 01 Sep 2020.

[Review]

AN: 632594662

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

76.

Novel imaging biomarkers: epicardial adipose tissue evaluation.

Monti C.B., Codari M., De Cecco C.N., Secchi F., Sardanelli F., Stillman A.E.

Embase

The British journal of radiology. 93 (1113) (pp 20190770), 2020. Date of Publication: 01 Sep 2020.

[Review]

AN: 630013937

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

77.

Diagnostic performance of deep learning-based vascular extraction and stenosis detection technique for coronary artery disease.

Chen M., Wang X., Hao G., Cheng X., Ma C., Guo N., Hu S., Tao Q., Yao F., Hu C.

Embase

The British journal of radiology. 93 (1113) (pp 20191028), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 631085713

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

78.

Development and application of artificial intelligence in cardiac imaging.

Jiang B., Guo N., Ge Y., Zhang L., Oudkerk M., Xie X.

Embase

The British journal of radiology. 93 (1113) (pp 20190812), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 630828058

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

79.

Cardiovascular risk assessment in patients with rheumatoid arthritis using carotid ultrasound B-mode imaging.

Jamthikar A.D., Gupta D., Puvvula A., Johri A.M., Khanna N.N., Saba L., Mavrogeni S., Laird J.R., Pareek G., Miner M., Sfikakis P.P., Protogerou A., Kitas G.D., Kolluri R., Sharma A.M., Viswanathan V., Rathore V.S., Suri J.S.

Embase

Rheumatology International. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 2006000477

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

80.

Artificial neural networks: Opening the black box.

Dayhoff J.E., DeLeo J.M.

Embase

Cancer. 91 (8 SUPPL.) (pp 1615-1635), 2001. Date of Publication: 15 Apr 2001.

[Conference Paper]

AN: 32319239

Publisher

John Wiley and Sons Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

81.

A machine-learning approach to cardiovascular risk prediction in psoriatic arthritis.

Navarini L., Sperti M., Currado D., Costa L., Deriu M.A., Margiotta D.P.E., Tasso M., Scarpa R., Afeltra A., Caso F.

Embase

Rheumatology (United Kingdom). 59 (7) (pp 1767-1769), 2020. Date of Publication: 01 Jul 2020.

[Letter]

AN: 632464068

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

82.

Applications of artificial intelligence in multimodality cardiovascular imaging: A state-of-the-art review.

Xu B., Kocyigit D., Grimm R., Griffin B.P., Cheng F.

Embase

Progress in Cardiovascular Diseases. 63 (3) (pp 367-376), 2020. Date of Publication: May - June 2020.

[Review]

AN: 2005439672

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

83.

Is FFRCT a game changer in coronary CT angiography?. Werden die Karten der CT-Koronarangiographie mit der FFRCT neu gemischt? <Werden die Karten der CT-Koronarangiographie mit der FFRCT neu gemischt?.>

Gutberlet M., Krieghoff C., Gohmann R.

Embase

Herz. 45 (5) (pp 431-440), 2020. Date of Publication: 01 Aug 2020.

[Review]

AN: 2005143854

Publisher

Springer Medizin (E-mail: kundenservice@springermedizin.de)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

84.

Investigating the potential underdiagnosis of primary hyperparathyroidism at the University of Arkansas for Medical Sciences.

Quilao R.J., Greer M., Stack B.C.

Embase

Laryngoscope Investigative Otolaryngology. 5 (4) (pp 773-777), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 2005425774

Publisher

John Wiley and Sons Inc. (E-mail: cs-journals@wiley.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

85.

Deep representation learning of electronic health records to unlock patient stratification at scale.
Landi I., Glicksberg B.S., Lee H.-C., Cherng S., Landi G., Danieletto M., Dudley J.T., Furlanello
C., Miotto R.

Embase

npj Digital Medicine. 3 (1) (no pagination), 2020. Article Number: 96. Date of Publication: 01 Dec
2020.

[Article]

AN: 2005603948

Publisher

Nature Research

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86.

European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart
Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on
risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right
population.

Nielsen J.C., Lin Y.-J., de Oliveira Figueiredo M.J., Sepehri Shamloo A., Alfie A., Boveda S., Dagues N., Di Toro D., Eckhardt L.L., Ellenbogen K., Hardy C., Ikeda T., Jaswal A., Kaufman E., Krahn A., Kusano K., Kutyifa V., Lim H.S., Lip G.Y.H., Nava-Townsend S., Pak H.-N., Diez G.R., Sauer W., Saxena A., Svendsen J.H., Vanegas D., Vaseghi M., Wilde A., Bunch T.J., Buxton A.E., Calvimontes G., Chao T.-F., Eckardt L., Estner H., Gillis A.M., Isa R., Kautzner J., Maury P., Moss J.D., Nam G.-B., Olshansky B., Pava Molano L.F., Pimentel M., Prabhu M., Tzou W.S., Sommer P., Swampillai J., Vidal A., Deneke T., Hindricks G., Leclercq C.

Embase

Heart Rhythm. 17 (9) (pp e269-e316), 2020. Date of Publication: September 2020.

[Article]

AN: 2007493029

Publisher

Elsevier B.V.

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Link to the External Link Resolver:

[SFX Link](#)

87.

Automatic and multimodal analysis for coronary angiography: training and validation of a deep learning architecture.

Du T., Xie L., Zhang H., Liu X., Wang X., Chen D., Xu Y., Sun Z., Zhou W., Song L., Guan C., Lansky A.J., Xu B.

Embase

EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology. (no pagination), 2020. Date of Publication: 25 Aug 2020.

[Article]

AN: 632680195

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

88.

Feasibility of using deep learning to detect coronary artery disease based on facial photo.

Lin S., Li Z., Fu B., Chen S., Li X., Wang Y., Wang X., Lv B., Xu B., Song X., Zhang Y.-J., Cheng X., Huang W., Pu J., Zhang Q., Xia Y., Du B., Ji X., Zheng Z.

Embase

European heart journal. (no pagination), 2020. Date of Publication: 20 Aug 2020.

[Article]

AN: 632666515

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

89.

Artificial Intelligence in Cardiopulmonary Imaging.

Chan J., Auffermann W.F.

Embase

Advances in Clinical Radiology. 2 (pp 65-79), 2020. Date of Publication: September 2020.

[Review]

AN: 2006141122

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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90.

The impact of deceased donor maintenance on delayed kidney allograft function: A machine learning analysis.

Costa S.D., de Andrade L.G.M., Barroso F.V.C., de Oliveira C.M.C., de Francesco Daher E., Fernandes P.F.C.B.C., de Matos Esmeraldo R., de Sandes-Freitas T.V.

Embase

PLoS ONE. 15 (2) (no pagination), 2020. Article Number: e0228597. Date of Publication: 01 Feb 2020.

[Article]

AN: 2004871775

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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91.

Reconstruction error based deep neural networks for coronary heart disease risk prediction.

Amarbayasgalan T., Park K.H., Lee J.Y., Ryu K.H.

Embase

PLoS ONE. 14 (12) (no pagination), 2019. Article Number: e0225991. Date of Publication: 01 Dec 2019.

[Article]

AN: 2004165740

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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92.

Comparison of risk models for mortality and cardiovascular events between machine learning and conventional logistic regression analysis.

Suzuki S., Yamashita T., Sakama T., Arita T., Yagi N., Otsuka T., Semba H., Kano H., Matsuno S., Kato Y., Uejima T., Oikawa Y., Matsuhama M., Yajima J.

Embase

PLoS ONE. 14 (9) (no pagination), 2019. Article Number: e0221911. Date of Publication: 01 Sep 2019.

[Article]

AN: 2002851668

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

93.

A modeling and machine learning approach to ECG feature engineering for the detection of ischemia using pseudo-ECG.

Ledezma C.A., Zhou X., Rodriguez B., Tan P.J., Diaz-Zuccarini V.

Embase

PLoS ONE. 14 (8) (no pagination), 2019. Article Number: e0220294. Date of Publication: 01 Aug 2019.

[Article]

AN: 2002560948

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

94.

Foreword.

Kalra A.

Embase

US Cardiology Review. 13 (2) (pp 68), 2019. Date of Publication: 01 Dec 2019.

[Editorial]

AN: 632162582

Publisher

Radcliffe Cardiology

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

95.

Direct Quantification of Coronary Artery Stenosis through Hierarchical Attentive Multi-view Learning.

Zhang D., Yang G., Zhao S., Zhang Y., Ghista D., Li S.

Embase

IEEE transactions on medical imaging. PP (no pagination), 2020. Date of Publication: 17 Aug 2020.

[Article]

AN: 632636397

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

96.

Are we "bridging" the gap?.

Gaibazzi N.

Embase

International Journal of Cardiology. 311 (pp 114-115), 2020. Date of Publication: 15 July 2020.

[Editorial]

AN: 2005503693

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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97.

Identifying Phenogroups in patients with subclinical diastolic dysfunction using unsupervised statistical learning.

Kaptein Y.E., Karagodin I., Zuo H., Lu Y., Zhang J., Kaptein J.S., Strande J.L.

Embase

BMC cardiovascular disorders. 20 (1) (pp 367), 2020. Date of Publication: 14 Aug 2020.

[Article]

AN: 632613862

Publisher
NLM (Medline)

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Link to the External Link Resolver:
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98.

The Regimen of Computed Tomography Screening for Lung Cancer: Lessons Learned over 25 Years from the International Early Lung Cancer Action Program.
Henschke C.I., Yip R., Shaham D., Zulueta J.J., Aguayo S.M., Reeves A.P., Jirapatnakul A., Avila R., Moghanaki D., Yankelevitz D.F.

Embase

Journal of Thoracic Imaging. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 632606445

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:
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99.

Computational analysis in medicinal chemistry. The case of pharmacogenomics and pharmacoproteomics.

Lin H.

Embase

Medicinal Chemistry. 16 (5) (pp 593), 2020. Date of Publication: 2020.

[Editorial]

AN: 2004539296

Publisher

Bentham Science Publishers (P.O. Box 294, Bussum 1400 AG, Netherlands)

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Link to the External Link Resolver:

[SFX Link](#)

100.

Preface.

Miller F.H.

Embase

Advances in Clinical Radiology. 2 (pp xvii-xviii), 2020. Date of Publication: September 2020.

[Editorial]

AN: 2007433115

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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101.

Integrated artificial neural network analysis and functional cell based affinity mass spectrometry for screening a bifunctional activator of Ca²⁺ and beta2AR in aconite.

Chang N., Gao J., Niu L., Hou Y., Wang X., Jiang M., Bai G.

Embase

Journal of Pharmaceutical and Biomedical Analysis. 190 (no pagination), 2020. Article Number: 113506. Date of Publication: 25 October 2020.

[Article]

AN: 2007373606

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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102.

Venous thromboembolism research priorities: A scientific statement from the American Heart Association and the International Society on Thrombosis and Haemostasis.

Cushman M., Barnes G.D., Creager M.A., Diaz J.A., Henke P.K., Machlus K.R., Nieman M.T., Wolberg A.S.

Embase

Research and Practice in Thrombosis and Haemostasis. 4 (5) (pp 714-721), 2020. Date of Publication: 01 Jul 2020.

[Article]

AN: 2005498779

Publisher

Wiley-Blackwell Publishing Ltd (E-mail: info@royensoc.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

103.

A Unique Signature of Cardiac-Induced Cranial Forces During Acute Large Vessel Stroke and Development of a Predictive Model.

Smith W.S., Keenan K.J., Lovoi P.A.

Embase

Neurocritical Care. 33 (1) (pp 58-63), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 2003511787

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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104.

The Future of Cardiac Molecular Imaging.

Farber G., Boczar K.E., Wiefels C.C., Zelt J.G.E., Guler E.C., deKemp R.A., Beanlands R.S.,
Rotstein B.H.

Embase

Seminars in Nuclear Medicine. 50 (4) (pp 367-385), 2020. Date of Publication: July 2020.

[Review]

AN: 2005244222

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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105.

Classification models for SPECT myocardial perfusion imaging.

Kaplan Berkaya S., Ak Sivrikoz I., Gunal S.

Embase

Computers in Biology and Medicine. 123 (no pagination), 2020. Article Number: 103893. Date of
Publication: August 2020.

[Article]

AN: 2007121460

Publisher

Elsevier Ltd

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106.

Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram.

Al-Zaiti S., Besomi L., Bouzid Z., Faramand Z., Frisch S., Martin-Gill C., Gregg R., Saba S., Callaway C., Sejdic E.

Embase

Nature Communications. 11 (1) (no pagination), 2020. Article Number: 3966. Date of Publication: 01 Dec 2020.

[Article]

AN: 2005798765

Publisher

Nature Research

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107.

Multi-parametric system for risk stratification in mitral regurgitation: A multi-task Gaussian prediction approach.

Tse G., Zhou J., Lee S., Liu Y., Leung K.S.K., Lai R.W.C., Burtman A., Wilson C., Liu T., Li K.H.C., Lakhani I., Zhang Q.

Embase

European Journal of Clinical Investigation. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005818407

Publisher

Blackwell Publishing Ltd

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[SFX Link](#)

108.

The use of multi-site photoplethysmography (PPG) as a screening tool for coronary arterial disease and atherosclerosis.

Ouyang V., Ma B., Pignatelli N., Sengupta S., Sengupta P., Mungulmare K., Fletcher R.R.

Embase

Physiological measurement. (no pagination), 2020. Date of Publication: 07 Aug 2020.

[Article]

AN: 632559761

Publisher

NLM (Medline)

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Link to the External Link Resolver:

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109.

Cardiovascular Health in the COVID-19 Era: A Call for Action and Education.

Vallabhajosyula S., Friedman P.A., Bell M.R.

Embase

Mayo Clinic Proceedings. 95 (8) (pp 1584-1588), 2020. Date of Publication: August 2020.

[Note]

AN: 2007251559

Publisher

Elsevier Ltd

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110.

Moving beyond stenosis: Assessing ischemia based off plaque morphology and burden of disease on coronary CTA.

Rabbat M.G., Lopez J.J.

Embase

Journal of Cardiovascular Computed Tomography. 14 (3) (pp 282-284), 2020. Date of Publication: May - June 2020.

[Editorial]

AN: 2001937192

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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111.

Myocardial Infarction Is Associated With A Distinct Pericoronary Adipose Tissue Radiomic Phenotype: A Prospective Case-Control Study.

Lin A., Kolossvary M., Yuvaraj J., Cadet S., McElhinney P., Jiang C., Nerlekar N., Nicholls S., Slomka P., Maurovich-Horvat P., Wong D., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S19), 2020. Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351491

Publisher

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112.

Reconstructing Zero: The Impact Of Filtered Back Projection, Iterative Reconstruction, Deep Learning Reconstruction On Coronary Calcium Scoring Near Zero.

Cohoon T., Udoh E., Kolossvary M., Newlander S., Szilveszter B., A J., Maurovich-Horvat P., Bhavnani S., Gonzalez J., Wesbey G.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S67-S68), 2020.

Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351483

Publisher

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113.

Feasibility And Performance Of Fully Automated Coronary Artery Calcium Scoring Using Deep Machine Learning.

Ihdayhid A., Lickfold C., Flack J., Adler B., Dembo L., Chow B., Dwivedi G.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S65), 2020. Date

of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351475

Publisher

Elsevier Inc.

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114.

Automated Artificial Intelligence-based Interpretation Of Coronary CTA: Determination Of Stenosis Severity Compared With Level III Expert Readers.

Choi A., Marques H., Kumar V., Griffin W., Lichtenberger J., Zeman R., Katz R., Earls J.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S22), 2020. Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351470

Publisher

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115.

The Effect Of Deep Learning Noise Reduction Image Reconstruction On CT Coronary Artery Calcium Agatston Score.

Udoh E., Cohoon T., Kolossvary M., Newlander S., Szilveszter B., A J., Maurovich-Horvat P., Bhavnani S., Gonzalez J., Wesbey G.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S23), 2020. Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351440

Publisher

Elsevier Inc.

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116.

Deep Learning Versus Radiologists Visual Assessment To Identify Plaque And Stenosis At Coronary Ct Angiography.

Yin W., Li X., Hou Z., An Y., Budoff M., Lu B.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S21), 2020. Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351421

Publisher

Elsevier Inc.

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117.

Machine Learning Integration Of Quantitative Plaque Features And Clinical Data Identifies Patients With Myocardial Infarction: A Prospective Study.

Lin A., Yuvaraj J., McElhinney P., Cadet S., Nerlekar N., Nicholls S., Wong D., Slomka P., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S23-S24), 2020.

Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351413

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

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118.

Metabolic Syndrome, Fatty Liver, And Artificial Intelligence-based Epicardial Adipose Tissue Measures Predict Long-term Risk Of Cardiac Events.

Lin A., Wong N., Razipour A., McElhinney P., Commandeur F., Cadet S., Gransar H., Chen X., Cantu S., Miller R., Nerlekar N., Wong D., Slomka P., Rozanski A., Tamarappoo B., Berman D., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S66-S67), 2020.

Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351390

Publisher

Elsevier Inc.

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119.

Association Between Body Mass Index (BMI) And Cardiac Chamber Size As Measured By A Novel Artificial Intelligence (AI) System On Cardiac Computed Tomography Angiography (CCTA) Images.

Shanbhag S., Levine O., Bui V., Bandettini W., Hsu L., Chen M.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S20), 2020. Date

of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351374

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

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120.

Automated Artificial Intelligence Based Interpretation Of Coronary CTA: Plaque Volume, Plaque Characterization And High Risk Plaque Compared With Consensus Of Level III Expert Readers. Choi A., Marques H., Kumar V., Griffin W., Lichtenberger J., Zeman R., Katz R., Earls J.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S23), 2020. Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351341

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

121.

Application Of Deep Learning Image Reconstruction For Coronary Artery Calcium Scoring.

Sammut B., Tran R., Okerlund D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S18-S19), 2020.

Date of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351314

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

122.

Machine Learning For Pretest Probability Of Coronary Atherosclerotic Plaque In Outpatients: A Multicenter Prospective Cohort Study.

Hou Z., Lu B., Yin W., Gao Y., An Y.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 15th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. 14 (3 Supplement) (pp S20), 2020. Date

of Publication: July - August 2020.

[Conference Abstract]

AN: 2007351306

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

123.

Deep learning analysis in coronary computed tomographic angiography imaging for the assessment of patients with coronary artery stenosis.

Han D., Liu J., Sun Z., Cui Y., He Y., Yang Z.

Embase

Computer Methods and Programs in Biomedicine. 196 (no pagination), 2020. Article Number: 105651. Date of Publication: November 2020.

[Article]

AN: 2007142479

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

124.

The Year in Perioperative Echocardiography: Selected Highlights From 2019.

Khoche S., Silverton N.A., Zimmerman J., Poorsattar S., Kothari P., Haughton R., Maus T.M.

Embase

Journal of Cardiothoracic and Vascular Anesthesia. 34 (8) (pp 2036-2046), 2020. Date of Publication: August 2020.

[Article]

AN: 2006057264

Publisher

W.B. Saunders

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Link to the External Link Resolver:

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125.

Coronary lesions at ostial, mid and distal segment were caused separately by injuries created in multilevel step up detrimental flow dynamics: A dual study by conventional angiographic assessment and machine learning ai program.

Chung D., Ngo L.M., Nguyen T.N., Vu L.T., Ngo T.T., Talarico E., Rigatelli G.

Embase

Catheterization and Cardiovascular Interventions. Conference: Society for Cardiovascular Angiography and Interventions Scientific Sessions Virtual Conference, SCAI 2020. United States. 95 (Supplement 2) (pp S27-S28), 2020. Date of Publication: May 2020.

[Conference Abstract]

AN: 632520640

Publisher

John Wiley and Sons Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

126.

Using machine learning algorithms to review computed tomography scans and assess risk for cardiovascular disease: Retrospective analysis from the National Lung Screening Trial (NLST).
Stemmer A., Shadmi R., Bregman-Amitai O., Chettrit D., Blagev D., Orlovsky M., Deutsch L., Elnekave E.

Embase

PloS one. 15 (8) (pp e0236021), 2020. Date of Publication: 2020.

[Article]

AN: 632525935

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

127.

An image-based computational hemodynamics study of the Systolic Anterior Motion of the mitral valve.

Fumagalli I., Fedele M., Vergara C., Dede' L., Ippolito S., Nicolo F., Antona C., Scrofani R., Quarteroni A.

Embase

Computers in Biology and Medicine. 123 (no pagination), 2020. Article Number: 103922. Date of Publication: August 2020.

[Article]

AN: 2007141287

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

128.

Application and Translation of Artificial Intelligence to Cardiovascular Imaging in Nuclear Medicine and Noncontrast CT.

Slomka P.J., Miller R.J., Isgum I., Dey D.

Embase

Seminars in Nuclear Medicine. 50 (4) (pp 357-366), 2020. Date of Publication: July 2020.

[Review]

AN: 2005950120

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

129.

Prediction of Coronary Risk Using a Multichannel System with Redundant Decisions and Associative Choice.

Petrunina E.V., Shatalova O.V., Protasova Z.U., Rybochkin A.F., Serebrovsky V.V.

Embase

Biomedical Engineering. 54 (2) (pp 140-144), 2020. Date of Publication: 01 Jul 2020.

[Article]

AN: 2005571439

Publisher

Springer

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

130.

Artificial intelligence approaches to predict coronary stenosis severity using non-invasive fractional flow reserve.

Carson J.M., Chakshu N.K., Sazonov I., Nithiarasu P.

Embase

Proceedings of the Institution of Mechanical Engineers. Part H, Journal of engineering in medicine. (pp 954411920946526), 2020. Date of Publication: 03 Aug 2020.

[Article]

AN: 632508565

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

131.

Machine learning insight into the role of imaging and clinical variables for the prediction of obstructive coronary artery disease and revascularization: An exploratory analysis of the CONSERVE study.

Baskaran L., Ying X., Xu Z., Al'Aref S.J., Lee B.C., Lee S.-E., Danad I., Park H.-B., Bathina R., Baggiano A., Beltrama V., Cerci R., Choi E.-Y., Choi J.-H., Choi S.-Y., Cole J., Doh J.-H., Ha S.-J., Her A.-Y., Kepka C., Kim J.-Y., Kim J.-W., Kim S.-W., Kim W., Lu Y., Kumar A., Heo R., Lee J.H., Sung J.-M., Valeti U., Andreini D., Pontone G., Han D., Villines T.C., Lin F., Chang H.-J., Min J.K., Shaw L.J.

Embase

PLoS ONE. 15 (6) (no pagination), 2020. Article Number: e0233791. Date of Publication: June 2020.

[Article]

AN: 2006862480

Publisher

Public Library of Science (E-mail: plos@plos.org)

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Link to the External Link Resolver:

[SFX Link](#)

132.

Time series analysis and forecasting with automated machine learning on a national ICD-10 database.

Olsavszky V., Dosius M., Benecke J., Vladescu C.

Embase

International Journal of Environmental Research and Public Health. 17 (14) (pp 1-17), 2020.

Article Number: 4979. Date of Publication: 02 Jul 2020.

[Article]

AN: 2004688148

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

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133.

Three dimensional reconstruction models for medical modalities: A comprehensive investigation and analysis.

Joseph S.S., Dennisan A.

Embase

Current Medical Imaging Reviews. 16 (6) (pp 653-668), 2020. Date of Publication: 2020.

[Article]

AN: 2004470396

Publisher

Bentham Science Publishers (P.O. Box 294, Bussum 1400 AG, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

134.

Improved long-term prognostic value of coronary CT angiography-derived plaque measures and clinical parameters on adverse cardiac outcome using machine learning.

Tesche C., Bauer M.J., Baquet M., Hedels B., Straube F., Hartl S., Gray H.N., Jochheim D., Aschauer T., Rogowski S., Schoepf U.J., Massberg S., Hoffmann E., Ebersberger U.

Embase

European Radiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005692061

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

135.

Using intravascular ultrasound image-based fluid-structure interaction models and machine learning methods to predict human coronary plaque vulnerability change.

Wang L., Tang D., Maehara A., Wu Z., Yang C., Muccigrosso D., Matsumura M., Zheng J., Bach R., Billiar K.L., Stone G.W., Mintz G.S.

Embase

Computer Methods in Biomechanics and Biomedical Engineering. (pp 1-10), 2020. Date of Publication: 2020.

[Article]

AN: 2005649719

Publisher

Taylor and Francis Ltd. (E-mail: michael.wagreich@univie.ac.at)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

136.

Predicting high coronary artery calcium score from retinal fundus images with deep learning algorithms.

Son J., Shin J.Y., Chun E.J., Jung K.-H., Park K.H., Park S.J.

Embase

Translational Vision Science and Technology. 9 (2) (pp 1-9), 2020. Article Number: 28. Date of Publication: 2020.

[Article]

AN: 2004788418

Publisher

Association for Research in Vision and Ophthalmology Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

137.

Comparison of machine learning computed tomography-based fractional flow reserve and coronary CT angiography-derived plaque characteristics with invasive resting full-cycle ratio.

Baumann S., Hirt M., Rott C., Ozdemir G.H., Tesche C., Becher T., Weiss C., Hetjens S., Akin I., Schoenberg S.O., Borggreffe M., Janssen S., Overhoff D., Lossnitzer D.

Embase

Journal of Clinical Medicine. 9 (3) (no pagination), 2020. Article Number: 714. Date of Publication: March 2020.

[Article]

AN: 2003960914

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

138.

Non-ischemic endocardial scar geometric remodeling toward topological machine learning.

Singh Y., Shakyawar D., Hu W.

Embase

Proceedings of the Institution of Mechanical Engineers. Part H, Journal of engineering in medicine. 234 (9) (pp 1029-1035), 2020. Date of Publication: 01 Sep 2020.

[Article]

AN: 632321725

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

139.

Atrioventricular Valve Regurgitation in the Single Ventricle: Back to Hippocrates.

Kochilas L.

Embase

Journal of the American College of Cardiology. 76 (4) (pp 432-434), 2020. Date of Publication: 28 July 2020.

[Editorial]

AN: 2007047300

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

140.

Artificial neural network modeling of novel coronavirus (COVID-19) incidence rates across the continental United States.

Mollalo A., Rivera K.M., Vahedi B.

Embase

International Journal of Environmental Research and Public Health. 17 (12) (pp 1-13), 2020.

Article Number: 4204. Date of Publication: 02 Jun 2020.

[Article]

AN: 2004548449

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

141.

A machine learning approach to optimize the accuracy of serial troponin measurements.

Chaudhry F., Johnson K., Tschautscher C., Chaudhry F.F., Foster B.L., Taylor N., Kim I.Y., Alaga K.C., Ross L., Wilson J., Blake E.M., Brodsky A.J., Kjoller E.E., Rossi N.F., Levy P., Kumar V.K.

Embase

Academic Emergency Medicine. Conference: Annual Meeting of the Society for Academic Emergency Medicine, SAEM 2020. United States. 27 (Supplement 1) (pp S87), 2020. Date of Publication: May 2020.

[Conference Abstract]

AN: 632418794

Publisher

Blackwell Publishing Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

142.

Functional and Structural Integrity of Frontoparietal Connectivity in Traumatic and Anoxic Coma.
Peran P., Malagurski B., Nemmi F., Sarton B., Vinour H., Ferre F., Bounes F., Rousset D.,
Mrozeck S., Seguin T., Riu B., Minville V., Geeraerts T., Lotterie J.A., Deboissezon X., Albucher
J.F., Fourcade O., Olivot J.M., Naccache L., Silva S.

Embase

Critical care medicine. 48 (8) (pp e639-e647), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 632428831

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

143.

Updates on Fractional Flow Reserve Derived by CT (FFRCT).

Sreedharan S., Zekry S.B., Leipsic J.A., Brown R.A.

Embase

Current Treatment Options in Cardiovascular Medicine. 22 (8) (no pagination), 2020. Article Number: 17. Date of Publication: 01 Aug 2020.

[Review]

AN: 2005561254

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

144.

Fully automated quantification of left ventricular volumes and function in cardiac MRI: clinical evaluation of a deep learning-based algorithm.

Bottcher B., Beller E., Busse A., Cantre D., Yucel S., Oner A., Ince H., Weber M.-A., Meinel F.G.

Embase

International Journal of Cardiovascular Imaging. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005594332

Publisher

Springer (E-mail: editorial@springerplus.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

145.

Evaluation of LGE and cardiac cine-MRI based on ai in a patient with selenium deficiency cardiomyopathy (Keshan disease): A case report.

Yuan W.-F., Zhao X.-X.

Embase

Iranian Journal of Radiology. 17 (2) (no pagination), 2020. Article Number: e91941. Date of Publication: April 2020.

[Article]

AN: 2004356766

Publisher

Kowsar Medical Publishing Company (E-mail: library@kowsarpub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

146.

Development of a time-frequency transformation convolutional neural network and its applications in cardiology and sleep medicine.

Che-Wei L.

Embase

Malaysian Journal of Pathology. Conference: 2nd Biennial Medical and Health Sciences Conference, UTAR 2019. Malaysia. 41 (3) (pp 434), 2019. Date of Publication: December 2019.

[Conference Abstract]

AN: 632391951

Publisher

Malaysian Society of Pathologists

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

147.

A Machine Learning Approach to Classifying Self-Reported Health Status in a Cohort of Patients with Heart Disease Using Activity Tracker Data.

Meng Y., Speier W., Shufelt C., Joung S., E Van Eyk J., Bairey Merz C.N., Lopez M., Spiegel B., Arnold C.W.

Embase

IEEE Journal of Biomedical and Health Informatics. 24 (3) (pp 878-884), 2020. Article Number: 8734713. Date of Publication: March 2020.

[Article]

AN: 631149269

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

148.

CT-based radiomics and machine learning for the prediction of myocardial ischemia: Toward increasing quantification.

Lin A., Dey D.

Embase

Journal of Nuclear Cardiology. (no pagination), 2020. Date of Publication: 2020.

[Editorial]

AN: 2005596973

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

149.

Accelerated aging-related changes in the choroid plexus of a pediatric type 1 diabetic.

Nakagiri J., Ly J., Neel M., Vukalovich N., Nguyen B., Lin A., Sandhu O., Chen S., Edwards R., Johnson B., Monuki E.

Embase

Journal of Neuropathology and Experimental Neurology. Conference: 96th Annual Meeting of the American Association of Neuropathologists, AANP 2020. United States. 79 (6) (pp 678), 2020.

Date of Publication: June 2020.

[Conference Abstract]

AN: 632060125

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

150.

The correlation of deep learning-based CAD-RADS evaluated by coronary computed tomography angiography with breast arterial calcification on mammography.

Huang Z., Xiao J., Xie Y., Hu Y., Zhang S., Li X., Wang Z., Li Z., Wang X.

Embase

Scientific reports. 10 (1) (pp 11532), 2020. Date of Publication: 13 Jul 2020.

[Article]

AN: 632355457

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

151.

Machine Learning and Coronary Artery Calcium Scoring.

Lee H., Martin S., Burt J.R., Bagherzadeh P.S., Rapaka S., Gray H.N., Leonard T.J., Schwemmer C., Schoepf U.J.

Embase

Current Cardiology Reports. 22 (9) (no pagination), 2020. Article Number: 90. Date of Publication: 01 Sep 2020.

[Review]

AN: 2005530133

Publisher
Springer

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

152.

Heart Failure with Preserved Ejection Fraction-a Concise Review.

Adamczak D.M., Oduah M.-T., Kiebalo T., Nartowicz S., Beben M., Pochylski M., Cieplucha A.,
Gwizdala A., Lesiak M., Straburzynska-Migaj E.

Embase

Current Cardiology Reports. 22 (9) (no pagination), 2020. Article Number: 82. Date of Publication:
01 Sep 2020.

[Review]

AN: 2005529617

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

153.

Coronary arteries hemodynamics: effect of arterial geometry on hemodynamic parameters causing atherosclerosis.

Wong K.K.L., Wu J., Liu G., Huang W., Ghista D.N.

Embase

Medical and Biological Engineering and Computing. 58 (8) (pp 1831-1843), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 2005188106

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

154.

Healthcare knowledge of relationship between time series electrocardiogram and cigarette smoking using clinical records.

Tseng K.-K., Li J., Tang Y.-J., Yang C.W., Lin F.-Y.

Embase

BMC medical informatics and decision making. 20 (Supplement 3) (pp 127), 2020. Date of Publication: 09 Jul 2020.

[Article]

AN: 632317425

Publisher

NLM (Medline)

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Link to the External Link Resolver:

[SFX Link](#)

155.

Identifying diagnosis evidence of cardiogenic stroke from Chinese echocardiograph reports.

Qin L., Xu X., Ding L., Li Z., Li J.

Embase

BMC medical informatics and decision making. 20 (Supplement 3) (pp 126), 2020. Date of

Publication: 09 Jul 2020.

[Article]

AN: 632316879

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

156.

Technology-Enabled Clinical Trials: Transforming Medical Evidence Generation.

Marquis-Gravel G., Roe M.T., Turakhia M.P., Boden W., Temple R., Sharma A., Hirshberg B., Slater P., Craft N., Stockbridge N., McDowell B., Waldstreicher J., Bourla A., Bansilal S., Wong J.L., Meunier C., Kassahun H., Coran P., Bataille L., Patrick-Lake B., Hirsch B., Reites J., Mehta

R., Muse E.D., Chandross K.J., Silverstein J.C., Silcox C., Overhage J.M., Califf R.M., Peterson E.D.

Embase

Circulation. 140 (17) (pp 1426-1436), 2019. Date of Publication: 22 Oct 2019.

[Article]

AN: 630983695

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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157.

Unsupervised learning of early post-arrest brain injury phenotypes.

Elmer J., Coppler P.J., May T.L., Hirsch K., Faro J., Solanki P., Brown M., Puyana J.S., Rittenberger J.C., Callaway C.W.

Embase

Resuscitation. 153 (pp 154-160), 2020. Date of Publication: August 2020.

[Article]

AN: 2006895374

Publisher

Elsevier Ireland Ltd

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158.

Genome-wide analysis of left ventricular image-derived phenotypes identifies fourteen loci associated with cardiac morphogenesis and heart failure development.

Aung N., Vargas J.D., Yang C., Cabrera C.P., Warren H.R., Fung K., Tzanis E., Barnes M.R., Rotter J.I., Taylor K.D., Manichaikul A.W., Lima J.A.C., Bluemke D.A., Piechnik S.K., Neubauer S., Munroe P.B., Petersen S.E.

Embase

Circulation. 140 (16) (pp 1318-1330), 2019. Date of Publication: 15 Oct 2019.

[Article]

AN: 630982181

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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159.

Hematopoietic stem-cell senescence and myocardial repair - Coronary artery disease genotype/phenotype analysis of post-MI myocardial regeneration response induced by CABG/CD133+ bone marrow hematopoietic stem cell treatment in RCT PERFECT Phase 3.

Wolfien M., Klatt D., Salybekov A.A., Li M., Komatsu-Horii M., Gaebel R., Philippou-Massier J., Schrinner E., Akimaru H., Akimaru E., David R., Garbade J., Gummert J., Haverich A., Hennig H., Iwasaki H., Kaminski A., Kawamoto A., Klopsch C., Kowallick J.T., Krebs S., Nesteruk J.,

Reichenspurner H., Ritter C., Stamm C., Tani-Yokoyama A., Blum H., Wolkenhauer O.,
Schambach A., Asahara T., Steinhoff G.

Embase

EBioMedicine. 57 (no pagination), 2020. Article Number: 102862. Date of Publication: July 2020.

[Article]

AN: 2006936626

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

160.

Cryonics Takes Another Big Step Toward the Mainstream.

De Grey A.D.N.J.

Embase

Rejuvenation Research. 23 (3) (pp 191-192), 2020. Date of Publication: June 2020.

[Editorial]

AN: 632219347

Publisher

Mary Ann Liebert Inc. (E-mail: info@liebertpub.com)

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Link to the External Link Resolver:

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161.

Ultrastructural Characterization of Prolonged Normothermic and Cold Cerebral Ischemia in the Adult Rat.

De Wolf A., Phaedra C., Perry R.M., Maire M.

Embase

Rejuvenation Research. 23 (3) (pp 193-206), 2020. Date of Publication: June 2020.

[Article]

AN: 632219346

Publisher

Mary Ann Liebert Inc. (E-mail: info@liebertpub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

162.

Artificial Intelligence Uncovered Clinical Factors for Cardiovascular Events in Myocardial Infarction Patients with Glucose Intolerance.

Shindo K., Fukuda H., Hitsumoto T., Miyashita Y., Kim J., Ito S., Washio T., Kitakaze M.

Embase

Cardiovascular Drugs and Therapy. 34 (4) (pp 535-545), 2020. Date of Publication: 01 Aug 2020.

[Article]

AN: 2004933633

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

163.

Focus on sepsis.

Helms J., Perner A.

Embase

Intensive Care Medicine. 46 (7) (pp 1457-1459), 2020. Date of Publication: 01 Jul 2020.

[Editorial]

AN: 2004720770

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

164.

Ischemia and outcome prediction by cardiac CT based machine learning.

Brandt V., Emrich T., Schoepf U.J., Dargis D.M., Bayer R.R., De Cecco C.N., Tesche C.

Embase

International Journal of Cardiovascular Imaging. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 2005476826

Publisher

Springer (E-mail: editorial@springerplus.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

165.

A novel laboratory-based model to predict the presence of obstructive coronary artery disease comparison to coronary artery disease consortium 1/2 score, duke clinical score and diamond-forrester score in china.

Zhou L.-Y., Yin W.-J., Wang J.-L., Hu C., Liu K., Wen J., Peng L.-P., Zuo X.-C.

Embase

International Heart Journal. 61 (3) (pp 437-446), 2020. Date of Publication: 2020.

[Article]

AN: 2004480412

Publisher

International Heart Journal Association (E-mail: : jhj-office@umin.ac.jp)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

166.

Left ventricle segmentation in the era of deep learning.

Wolterink J.M.

Embase

Journal of Nuclear Cardiology. 27 (3) (pp 988-991), 2020. Date of Publication: 01 Jun 2020.

[Editorial]

AN: 626707426

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

167.

Exploring the mechanism of TCM formulae in the treatment of different types of coronary heart disease by network pharmacology and machine learning.

Yang J., Tian S., Zhao J., Zhang W.

Embase

Pharmacological Research. 159 (no pagination), 2020. Article Number: 105034. Date of Publication: September 2020.

[Article]

AN: 2006818415

Publisher

Academic Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

168.

Mobile health technology facilitates population screening and integrated care management in patients with atrial fibrillation.

Guo Y., Lane D.A., Chen Y., Lip G.Y.H.

Embase

European Heart Journal. 41 (17) (pp 1617-1619), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 632067334

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

169.

Multimodality image fusion, moving forward.

Piccinelli M.

Embase

Journal of Nuclear Cardiology. 27 (3) (pp 973-975), 2020. Date of Publication: 01 Jun 2020.

[Editorial]

AN: 626254714

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

170.

Effectiveness of Carotid Intervention for Long-term Stroke Prevention: A Cohort Study in a Large Integrated Health System.

Chang R., Tucker L.-Y., Pimentel N., Rothenberg K.A., Avins A., Faruqi R., Nguyen-Huynh M., Neugebauer R.

Embase

Journal of Vascular Surgery. Conference: 2020 Vascular Annual Meeting. Metro Toronto Convention Centre, Canada. 72 (1) (pp e174-e175), 2020. Date of Publication: July 2020.

[Conference Abstract]

AN: 2006737792

Publisher

Mosby Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

171.

Integration of ultra-high-pressure liquid chromatography-tandem mass spectrometry with machine learning for identifying fatty acid metabolite biomarkers of ischemic stroke.

Zhang L., Ma F., Qi A., Liu L., Zhang J., Xu S., Zhong Q., Chen Y., Zhang C.-Y., Cai C.

Embase

Chemical Communications. 56 (49) (pp 6656-6659), 2020. Date of Publication: 21 Jun 2020.

[Article]

AN: 632084395

Publisher

Royal Society of Chemistry

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

172.

Novel and efficient algorithms for early detection of myocardial ischemia.

Murthy H.S.N., Meenakshi M.

Embase

International Journal of Medical Engineering and Informatics. 9 (4) (pp 351-372), 2017. Date of Publication: 2017.

[Article]

AN: 618660571

Publisher

Inderscience Publishers

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

173.

Prediction of heart diseases using hybrid feature selection and modified Laplacian pyramid non-linear diffusion with soft computing methods.

Suganya R., Rajaram S., Abdullah A.S., Rajendran V.

Embase

International Journal of Biomedical Engineering and Technology. 25 (1) (pp 30-43), 2017. Date of Publication: 2017.

[Article]

AN: 618325396

Publisher

Inderscience Publishers

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

174.

Imaging methods used in the assessment of environmental disease networks: a brief review for clinicians.

Cedillo-Pozos A., Ternovoy S.K., Roldan-Valadez E.

Embase

Insights into Imaging. 11 (1) (no pagination), 2020. Article Number: 18. Date of Publication: 01 Dec 2020.

[Review]

AN: 2004227365

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

175.

Isolated Pulmonary Embolism Is Associated With a High Risk of Arterial Thrombotic Disease: Results From the VTEval Study.

ten Cate V., Eggebrecht L., Schulz A., Panova-Noeva M., Lenz M., Koeck T., Rapp S., Arnold N., Lackner K.J., Konstantinides S., Espinola-Klein C., Munzel T., Prochaska J.H., Wild P.S.

Embase

Chest. 158 (1) (pp 341-349), 2020. Date of Publication: July 2020.

[Article]

AN: 2006812093

Publisher

Elsevier Inc

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

176.

Classification of heart sound signals using a novel deep WaveNet model.

Oh S.L., Jahmunah V., Ooi C.P., Tan R.-S., Ciaccio E.J., Yamakawa T., Tanabe M., Kobayashi M., Rajendra Acharya U.

Embase

Computer Methods and Programs in Biomedicine. 196 (no pagination), 2020. Article Number: 105604. Date of Publication: November 2020.

[Article]

AN: 2006827770

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

177.

Machine Learning-Based Segmentation of Left Ventricular Myocardial Fibrosis from Magnetic Resonance Imaging.

Zabihollahy F., Rajan S., Ukwatta E.

Embase

Current Cardiology Reports. 22 (8) (no pagination), 2020. Article Number: 65. Date of Publication: 01 Aug 2020.

[Review]

AN: 2005257965

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

178.

Recurrent cryptogenic stroke: A potential role for an artificial intelligence-enabled electrocardiogram?.

Kashou A.H., Rabinstein A.A., Attia I.Z., Asirvatham S.J., Gersh B.J., Friedman P.A., Noseworthy P.A.

Embase

HeartRhythm Case Reports. 6 (4) (pp 202-205), 2020. Date of Publication: April 2020.

[Article]

AN: 2004895369

Publisher

Elsevier Inc

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

179.

Impact of machine-learning CT-derived fractional flow reserve for the diagnosis and management of coronary artery disease in the randomized CRESCENT trials.

Nous F.M.A., Budde R.P.J., Lubbers M.M., Yamasaki Y., Kardys I., Bruning T.A., Akkerhuis J.M., Kofflard M.J.M., Kietselaer B., Galema T.W., Nieman K.

Embase

European Radiology. 30 (7) (pp 3692-3701), 2020. Date of Publication: 01 Jul 2020.

[Article]

AN: 2004450501

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

180.

Collaborative AI and Laboratory Medicine integration in precision cardiovascular medicine.

Gruson D., Bernardini S., Dabla P.K., Gouget B., Stankovic S.

Embase

Clinica Chimica Acta. 509 (pp 67-71), 2020. Date of Publication: October 2020.

[Article]

AN: 2006147054

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

181.

Computed tomography coronary angiography - past, present and future.

Ngam P.I., Ong C.C., Chai P., Wong S.S., Liang C.R., San Teo L.L.

Embase

Singapore Medical Journal. 61 (3) (pp 109-115), 2020. Date of Publication: March 2020.

[Review]

AN: 2005879762

Publisher

Singapore Medical Association (2 College Road, Level 2, Singapore 169850, Singapore. E-mail: sarah@sma.org.sg)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

182.

Contrast agent-free synthesis and segmentation of ischemic heart disease images using progressive sequential causal GANs.

Xu C., Xu L., Ohorodnyk P., Roth M., Chen B., Li S.

Embase

Medical Image Analysis. 62 (no pagination), 2020. Article Number: 101668. Date of Publication: May 2020.

[Article]

AN: 2005496202

Publisher
Elsevier B.V.

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

183.

Deep learning for automated exclusion of cardiac CT examinations negative for coronary artery calcium.

van den Oever L.B., Cornelissen L., Vonder M., Xia C., van Bolhuis J.N., Vliegthart R., Veldhuis R.N.J., de Bock G.H., Oudkerk M., van Ooijen P.M.A.

Embase

European Journal of Radiology. 129 (no pagination), 2020. Article Number: 109114. Date of Publication: August 2020.

[Article]

AN: 2006145384

Publisher
Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

184.

Introduction to the special issue on "RASopathies: Misregulation of signaling".

Watanabe M.

Embase

Birth Defects Research. 112 (10) (pp 703-707), 2020. Date of Publication: 01 Jun 2020.

[Editorial]

AN: 2005257653

Publisher

John Wiley and Sons Inc. (P.O.Box 18667, Newark NJ 07191-8667, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

185.

Noonan syndrome on the African Continent.

Tekendo-Ngongang C., Kruszka P.

Embase

Birth Defects Research. 112 (10) (pp 718-724), 2020. Date of Publication: 01 Jun 2020.

[Review]

AN: 2005257651

Publisher

John Wiley and Sons Inc. (P.O.Box 18667, Newark NJ 07191-8667, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

186.

Initial evaluation of a convolutional neural network used for non-invasive assessment of coronary artery disease severity from coronary computed tomography angiography data.

Podgorsak A.R., Sommer K.N., Reddy A., Iyer V., Wilson M.F., Rybicki F.J., Mitsouras D., Sharma U., Fujimoto S., Kunushima Kumamaru K., Angel E., Ionita C.N.

Embase

Medical physics. (no pagination), 2020. Date of Publication: 19 Jun 2020.

[Article]

AN: 632142727

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

187.

Predicting Chronic Myocardial Ischemia Using CCTA-Based Radiomics Machine Learning Nomogram.

Shu Z.-Y., Cui S.-J., Zhang Y.-Q., Xu Y.-Y., Hung S.-C., Fu L.-P., Pang P.-P., Gong X.-Y., Jin Q.-Y.

Embase

Journal of Nuclear Cardiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005272248

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

188.

In Reply to the Letter to the Editor Regarding "Predicting Clinical Outcome After Mechanical Thrombectomy: The GADIS (Gender, Age, Diabetes Mellitus History, Infarct Volume, and Sex) Score".

Hathidara M.Y., O'Connor K.P., Xu C., Zheng B., Ray B.

Embase

World Neurosurgery. 138 (pp 589-590), 2020. Date of Publication: June 2020.

[Note]

AN: 2006152955

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

189.

Application of artificial intelligence in cardiac CT: From basics to clinical practice.

van den Oever L.B., Vonder M., van Assen M., van Ooijen P.M.A., de Bock G.H., Xie X.Q.,

Vliegenthart R.

Embase

European Journal of Radiology. 128 (no pagination), 2020. Article Number: 108969. Date of

Publication: July 2020.

[Review]

AN: 2005709748

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

190.

Calibration of ionic and cellular cardiac electrophysiology models.

Whittaker D.G., Clerx M., Lei C.L., Christini D.J., Mirams G.R.

Embase

Wiley Interdisciplinary Reviews: Systems Biology and Medicine. 12 (4) (no pagination), 2020.

Article Number: e1482. Date of Publication: 01 Jul 2020.

[Review]

AN: 2004335608

Publisher

Wiley-Blackwell (E-mail: info@wiley.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

191.

Biomarker Localization from Deep Learning Regression Networks.

Cano-Espinosa C., Gonzalez G., Washko G.R., Cazorla M., Estepar R.S.J.

Embase

IEEE Transactions on Medical Imaging. 39 (6) (pp 2121-2132), 2020. Article Number: 8954767.

Date of Publication: June 2020.

[Article]

AN: 631952865

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

192.

Artificial Intelligence in Intracoronary Imaging.

Fedewa R., Puri R., Fleischman E., Lee J., Prabhu D., Wilson D.L., Vince D.G., Fleischman A.

Embase

Current Cardiology Reports. 22 (7) (no pagination), 2020. Article Number: 46. Date of Publication:

01 Jul 2020.

[Review]

AN: 2005095312

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

193.

Heart rate variability features from nonlinear cardiac dynamics in identification of diabetes using artificial neural network and support vector machine.

Aggarwal Y., Das J., Mazumder P.M., Kumar R., Sinha R.K.

Embase

Biocybernetics and Biomedical Engineering. 40 (3) (pp 1002-1009), 2020. Date of Publication: July - September 2020.

[Article]

AN: 2006132838

Publisher

Elsevier Sp. z o.o.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

194.

Construction and Comparison of Predictive Models for Length of Stay after Total Knee Arthroplasty: Regression Model and Machine Learning Analysis Based on 1,826 Cases in a Single Singapore Center.

Li H., Jiao J., Zhang S., Tang H., Qu X., Yue B.

Embase

The journal of knee surgery. (no pagination), 2020. Date of Publication: 08 Jun 2020.

[Article]

AN: 632017750

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

195.

Multimic approaches to delineate the pathogenesis of cardiac disease.

Matkovich S.J.

Embase

Current Opinion in Cardiology. 34 (3) (pp 246-253), 2019. Date of Publication: 2019.

[Review]

AN: 631344317

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

196.

Development and validation of a medication selection model under clinical application of renin-angiotensin inhibitor combined with calcium channel blocker for hypertension patients.

Hong D., Shi W., Lu X., Lou Y., Li L.

Embase

Medical Science Monitor. 26 (no pagination), 2020. Article Number: e923696-1. Date of Publication: 14 Apr 2020.

[Article]

AN: 2006058423

Publisher

International Scientific Information, Inc. (E-mail: iza.pranga@isl-science.com)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

197.

Correlation of machine learning computed tomography-based fractional flow reserve with instantaneous wave free ratio to detect hemodynamically significant coronary stenosis.

Baumann S., Hirt M., Schoepf U.J., Rutsch M., Tesche C., Renker M., Golden J.W., Buss S.J.,
Becher T., Bojara W., Weiss C., Papavassiliu T., Akin I., Borggreffe M., Schoenberg S.O.,
Haubenreisser H., Overhoff D., Lossnitzer D.

Embase

Clinical Research in Cardiology. 109 (6) (pp 735-745), 2020. Date of Publication: 01 Jun 2020.

[Article]

AN: 2003530290

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

198.

Automated coronary artery atherosclerosis detection and weakly supervised localization on
coronary CT angiography with a deep 3-dimensional convolutional neural network.

Candemir S., White R.D., Demirer M., Gupta V., Bigelow M.T., Prevedello L.M., Erdal B.S.

Embase

Computerized Medical Imaging and Graphics. 83 (no pagination), 2020. Article Number: 101721.

Date of Publication: July 2020.

[Article]

AN: 2005996074

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

199.

Classification of aortic stenosis using time-frequency features from chest cardio-mechanical signals.

Yang C., Aranoff N.D., Green P., Tavassolian N.

Embase

IEEE Transactions on Biomedical Engineering. 67 (6) (pp 1672-1683), 2020. Article Number: 8845647. Date of Publication: June 2020.

[Article]

AN: 631804577

Publisher

IEEE Computer Society (E-mail: help@computer.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

200.

Improving an Intelligent Detection System for Coronary Heart Disease Using a Two-Tier Classifier Ensemble.

Tama B.A., Im S., Lee S.

Embase

BioMed Research International. 2020 (no pagination), 2020. Article Number: 9816142. Date of Publication: 2020.

[Article]

AN: 2005932378

Publisher

Hindawi Limited (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

201.

Impact of machine learning-based coronary computed tomography angiography fractional flow reserve on treatment decisions and clinical outcomes in patients with suspected coronary artery disease.

Qiao H.Y., Tang C.X., Schoepf U.J., Tesche C., Bayer R.R., Giovagnoli D.A., Todd Hudson H., Zhou C.S., Yan J., Lu M.J., Zhou F., Lu G.M., Jiang J.W., Zhang L.J.

Embase

European Radiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005077302

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

202.

Network medicine: A clinical approach for precision medicine and personalized therapy in coronary heart disease.

Infante T., Del Viscovo L., De Rimini M.L., Padula S., Caso P., Napoli C.

Embase

Journal of Atherosclerosis and Thrombosis. 27 (4) (pp 279-302), 2020. Date of Publication: 2020.

[Review]

AN: 2004134343

Publisher

Japan Atherosclerosis Society

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

203.

Highlights of the fourteenth annual scientific meeting of the Society of Cardiovascular Computed Tomography: SCCT 14th ASM highlights.

Weir-McCall J.R., Nicol E., Abbara S., Branch K., Choi A.D., Ghoshhajra B.B., Leipsic J., Nieman K., Shaw L.J., Blankstein R.

Embase

Journal of Cardiovascular Computed Tomography. 14 (2) (pp 118-123), 2020. Date of Publication: March - April 2020.

[Editorial]

AN: 2004403399

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

204.

Automated interpretation of the coronary angiography with deep convolutional neural networks.

Miyoshi T., Higaki A., Kawakami H., Yamaguchi O.

Embase

Open Heart. 7 (1) (no pagination), 2020. Article Number: openhrt-2019-001177. Date of

Publication: 12 May 2020.

[Article]

AN: 631762301

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

205.

Predictors of length of stay in the coronary care unit in patient with acute coronary syndrome based on data mining methods.

Rezaianzadeh A., Dastoorpoor M., Sanaei M., Salehnasab C., Mohammadi M.J., Mousavizadeh A.

Embase

Clinical Epidemiology and Global Health. 8 (2) (pp 383-388), 2020. Date of Publication: June 2020.

[Article]

AN: 2003183334

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

206.

When microscopes and astronomy collide: correcting movement artifacts from in vivo microscopy using a decades old approach to image stars.

Fenrich K.K.

Embase

Journal of Physiology. 598 (10) (pp 1793-1794), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 2004435736

Publisher

Blackwell Publishing Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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207.

Harnessing technology and molecular analysis to understand the development of cardiovascular diseases in Asia: a prospective cohort study (SingHEART).

Yap J., Lim W.K., Sahlen A., Chin C.W.-L., Chew K.M.Y.-C., Davila S., Allen J., Goh V., Tan S.Y., Tan P., Lam C.S.P., Cook S.A., Yeo K.K.

Embase

BMC cardiovascular disorders. 19 (1) (pp 259), 2019. Date of Publication: 21 Nov 2019.

[Article]

AN: 629947817

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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208.

Abstracts Presented at the Neurocritical Care Society (NCS) 16th Annual Meeting.

Anonymous

Embase

Neurocritical Care. Conference: 16th Annual Meeting of the Neurocritical Care Society, NCS 2018. United States. 29 (1 Supplement) (no pagination), 2018. Date of Publication: 2018.

[Conference Review]

AN: 631896111

Publisher
Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

209.

Evaluation of the diagnostic value of joint PET myocardial perfusion and metabolic imaging for vascular stenosis in patients with obstructive coronary artery disease.

Wang F., Xu W., Lv W., Du D., Feng H., Zhang X., Wang S., Chen W., Lu L.

Embase

Journal of Nuclear Cardiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005014180

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

210.

Determining optimal strategies for primary prevention of cardiovascular disease: Systematic review, cost-effectiveness review and network meta-analysis protocol.

Uthman O.A., Al-Khudairy L., Nduka C.U., Court R., Mistry H., Melendez-Torres G.J., Taylor-Phillips S., Clarke A.

Embase

Systematic Reviews. 9 (1) (no pagination), 2020. Article Number: 105. Date of Publication: 07 May 2020.

[Article]

AN: 631757998

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

211.

Beyond the World Symposium on Pulmonary Hypertension: practical management of pulmonary arterial hypertension and evolving concepts.

Vachriery J.-L., Galie N.

Embase

European Heart Journal, Supplement. 21 (SupplementK) (pp K1-K3), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 631675762

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

212.

Protein-protein correlations based variable dimension expansion algorithm for high efficient serum biomarker discovery.

Xie J., Zhang L., Chen Z., Hu A., Liu S., Lu D., Xia Y., Qian J., Yang P., Shen H.

Embase

Analytica Chimica Acta. 1119 (pp 25-34), 2020. Date of Publication: 4 July 2020.

[Article]

AN: 2005744717

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

213.

The global social media response to the 14th annual Society of Cardiovascular Computed Tomography scientific sessions.

Choi A.D., Parwani P., Michos E.D., Lee J., Singh V., Fentanes E., Lopez-Mattei J., Gulati M., Nasir K., Nieman K., Shaw L.J., Blankstein R.

Embase

Journal of Cardiovascular Computed Tomography. 14 (2) (pp 124-130), 2020. Date of Publication: March - April 2020.

[Review]

AN: 2004220936

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

214.

Machine learning based risk prediction model for asymptomatic individuals who underwent coronary artery calcium score: Comparison with traditional risk prediction approaches.

Han D., Kolli K.K., Gransar H., Lee J.H., Choi S.-Y., Chun E.J., Han H.-W., Park S.H., Sung J., Jung H.O., Min J.K., Chang H.-J.

Embase

Journal of Cardiovascular Computed Tomography. 14 (2) (pp 168-176), 2020. Date of Publication: March - April 2020.

[Article]

AN: 2002977666

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

215.

Diagnostic accuracy of 3D deep-learning-based fully automated estimation of patient-level minimum fractional flow reserve from coronary computed tomography angiography.

Kumamaru K.K., Fujimoto S., Otsuka Y., Kawasaki T., Kawaguchi Y., Kato E., Takamura K., Aoshima C., Kamo Y., Kogure Y., Inage H., Daida H., Aoki S.

Embase

European Heart Journal Cardiovascular Imaging. 21 (4) (pp 437-445), 2020. Date of Publication: 01 Apr 2020.

[Article]

AN: 631741992

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

216.

Sex and regional differences in myocardial plasticity in aortic stenosis are revealed by 3D model machine learning.

Bhuva A.N., Treibel T.A., De Marvao A., Biffi C., Dawes T.J.W., Doumou G., Bai W., Patel K., Boubertakh R., Rueckert D., O'Regan D.P., Hughes A.D., Moon J.C., Manisty C.H.

Embase

European Heart Journal Cardiovascular Imaging. 21 (4) (pp 417-427), 2020. Date of Publication: 01 Apr 2020.

[Article]

AN: 631741886

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

217.

Deep Learning Analysis of Coronary Arteries in Cardiac CT Angiography for Detection of Patients Requiring Invasive Coronary Angiography.

Zreik M., Van Hamersvelt R.W., Khalili N., Wolterink J.M., Voskuil M., Viergever M.A., Leiner T., Isgum I.

Embase

IEEE Transactions on Medical Imaging. 39 (5) (pp 1545-1557), 2020. Article Number: 8896989.

Date of Publication: May 2020.

[Article]

AN: 631688932

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

218.

Privileged Modality Distillation for Vessel Border Detection in Intracoronary Imaging.

Gao Z., Chung J., Abdelrazek M., Leung S., Hau W.K., Xian Z., Zhang H., Li S.

Embase

IEEE Transactions on Medical Imaging. 39 (5) (pp 1524-1534), 2020. Article Number: 8896024.

Date of Publication: May 2020.

[Article]

AN: 631688930

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

219.

Coronary heart disease diagnosis by artificial neural networks including aortic pulse wave velocity index and clinical parameters.

Vallee A., Cinaud A., Blachier V., Lelong H., Safar M.E., Blacher J.

Embase

Journal of Hypertension. 37 (8) (pp 1682-1688), 2019. Date of Publication: 01 Aug 2019.

[Article]

AN: 628730371

Publisher

Lippincott Williams and Wilkins (E-mail: agents@lww.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

220.

Predicting cardiovascular risk using creatinine clearance and an artificial neural network in primary hypertension.

Viazzi F., Leoncini G., Sacchi G., Parodi D., Ratto E., Falqui V., Parodi A., Vaccaro V., Tomolillo C., Deferrari G., Pontremoli R.

Embase

Journal of Hypertension. 24 (7) (pp 1281-1286), 2006. Date of Publication: June 2006.

[Article]

AN: 43948326

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

221.

Deep-Learning-Based Preprocessing for Quantitative Myocardial Perfusion MRI.

Scannell C.M., Veta M., Villa A.D.M., Sammut E.C., Lee J., Breeuwer M., Chiribiri A.

Embase

Journal of Magnetic Resonance Imaging. 51 (6) (pp 1689-1696), 2020. Date of Publication: 01 Jun 2020.

[Article]

AN: 2003606699

Publisher

John Wiley and Sons Inc. (P.O.Box 18667, Newark NJ 07191-8667, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

222.

Evaluation of the Efficacy of Computed Tomographic Coronary Angiography in Assessing Coronary Artery Morphology and Physiology: Rationale and Study Design.

Ramasamy A., Safi H., Moon J.C., Andiapen M., Rathod K.S., Maurovich-Horvat P., Bajaj R., Serruys P.W., Mathur A., Baumbach A., Pugliese F., Torii R., Bourantas C.V.

Embase

Cardiology (Switzerland). 145 (5) (pp 285-293), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 631703119

Publisher

S. Karger AG

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

223.

Vasopressor treatment and mortality following nontraumatic subarachnoid hemorrhage: a nationwide electronic health record analysis.

Williams G., Maroufy V., Rasmy L., Brown D., Yu D., Talebi Y., Wang X., Thomas E., Zhu G., Yaseen A., Miao H., Leon Novelo L., Zhi D., DeSantis S.M., Zhu H., Yamal J.-M., Aguilar D., Wu H.

Embase

Neurosurgical focus. 48 (5) (pp E4), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 631671008

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

224.

Spinal cord neural network interactions: Implications for sympathetic control of the porcine heart.

Dale E.A., Kipke J., Kubo Y., Sunshine M.D., Castro P.A., Ardell J.L., Mahajan A.

Embase

American Journal of Physiology - Heart and Circulatory Physiology. 318 (4) (pp H830-H839), 2020. Date of Publication: April 2020.

[Article]

AN: 2005831885

Publisher

American Physiological Society

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

225.

The impact of iterative reconstruction algorithms on machine learning-based coronary CT angiography-derived fractional flow reserve (CT-FFRML) values.

Li S., Chen C., Qin L., Gu S., Zhang H., Yan F., Yang W.

Embase

International Journal of Cardiovascular Imaging. 36 (6) (pp 1177-1185), 2020. Date of Publication: 01 Jun 2020.

[Article]

AN: 2004366233

Publisher

Springer (E-mail: editorial@springerplus.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

226.

Machine learning helps predict long-term mortality and graft failure in patients undergoing heart transplant.

Agasthi P., Buras M.R., Smith S.D., Golafshar M.A., Mookadam F., Anand S., Rosenthal J.L., Hardaway B.W., DeValeria P., Arsanjani R.

Embase

General Thoracic and Cardiovascular Surgery. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2004878378

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

227.

Guidelines seek unbiased recommendations.

Vlaar A.P., Oczkowski S., Murphy G.J., Perner A., Guyatt G., Dionne J.C., Cecconi M., de Bruin S., Wijnberge M., Antonelli M., Aubron C., Aries P., Duranteau J., Juffermans N.P., Meier J., Abbasciano R., Muller M., Shah A., Rygaard S., Walsh T.S.

Embase

Intensive Care Medicine. 46 (5) (pp 1065-1069), 2020. Date of Publication: 01 May 2020.

[Letter]

AN: 2004364218

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

228.

Coronary heart disease and mortality following a breast cancer diagnosis.

Guo A., Zhang K.W., Reynolds K., Foraker R.E.

Embase

BMC medical informatics and decision making. 20 (1) (pp 88), 2020. Date of Publication: 13 May 2020.

[Article]

AN: 631768086

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

229.

Robust, ECG-based detection of Sleep-disordered breathing in large population-based cohorts.

Olsen M., Mignot E., Jennum P.J., Sorensen H.B.D.

Embase

Sleep. 43 (5) (no pagination), 2020. Date of Publication: 12 May 2020.

[Article]

AN: 629901100

Publisher
NLM (Medline)

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

230.

Substrate Spatial Complexity Analysis for the Prediction of Ventricular Arrhythmias in Patients with Ischemic Cardiomyopathy.

Okada D.R., Miller J., Chrispin J., Prakosa A., Trayanova N., Jones S., Maggioni M., Wu K.C.

Embase

Circulation: Arrhythmia and Electrophysiology. (pp 281-290), 2020. Article Number: e007975.

Date of Publication: 2020.

[Article]

AN: 631706522

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

231.

Kardiale MRT - Update 2020, Cardiac MRI-Update 2020.

Busse A., Rajagopal R., Yucel S., Beller E., Oner A., Streckenbach F., Cantre D., Ince H., Weber M.-A., Meinel F.G.

Embase

Der Radiologe. (no pagination), 2020. Date of Publication: 08 May 2020.

[Review]

AN: 631701383

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

232.

Global perspective on carotid intima-media thickness and plaque: Should the current measurement guidelines be revisited?.

Saba L., Jamthikar A., Gupta D., Khanna N.N., Viskovic K., Suri H.S., Gupta A., Mavrogeni S., Turk M., Laird J.R., Pareek G., Miner M., Sfikakis P.P., Protogerou A., Kitas G.D., Viswanathan V., Nicolaides A., Bhatt D.L., Suri J.S.

Embase

International Angiology. 38 (6) (pp 451-465), 2019. Date of Publication: 2019.

[Review]

AN: 2004699790

Publisher

Edizioni Minerva Medica (E-mail: subscriptions.dept@minervamedica.it)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

233.

Multimodal photoplethysmography-based approaches for improved detection of hypertension.

Welykholowa K., Hosanee M., Chan G., Cooper R., Kyriacou P.A., Zheng D., Allen J., Abbott D., Menon C., Lovell N.H., Howard N., Chan W.-S., Lim K., Fletcher R., Ward R., Elgendi M.

Embase

Journal of Clinical Medicine. 9 (4) (no pagination), 2020. Article Number: 1203. Date of Publication: April 2020.

[Review]

AN: 2004214382

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

234.

Standard SPECT myocardial perfusion estimation from half-time acquisitions using deep convolutional residual neural networks.

Shiri I., AmirMozafari Sabet K., Arabi H., Pourkeshavarz M., Teimourian B., Ay M.R., Zaidi H.

Embase

Journal of Nuclear Cardiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2004804723

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

235.

Accuracy and Reliability of Multiphase CTA Perfusion for Identifying Ischemic Core.

Reid M., Famuyide A.O., Forkert N.D., Sahand Talai A., Evans J.W., Sitaram A., Hafeez M., Najm M., Menon B.K., Demchuk A., Goyal M., Gupta Sah R., d'Esterre C.D., Barber P.

Embase

Clinical Neuroradiology. 29 (3) (pp 543-552), 2019. Date of Publication: 01 Sep 2019.

[Article]

AN: 623717163

Publisher

Urban und Vogel GmbH

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

236.

Integrated prediction of lesion-specific ischaemia from quantitative coronary CT angiography using machine learning: A multicentre study.

Dey D., Gaur S., Ovrehus K.A., Slomka P.J., Betancur J., Goeller M., Hell M.M., Gransar H., Berman D.S., Achenbach S., Botker H.E., Jensen J.M., Lassen J.F., Norgaard B.L.

Embase

European Radiology. 28 (6) (pp 2655-2664), 2018. Date of Publication: 19 Jan 2018.

[Article]

AN: 620279883

Publisher

Springer Verlag

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

237.

Music Restores Propriospinal Excitation During Stroke Locomotion.

Peyre I., Hanna-Boutros B., Lackmy-Vallee A., Kemlin C., Bayen E., Pradat-Diehl P., Marchand-Pauvert V.

Embase

Frontiers in Systems Neuroscience. 14 (no pagination), 2020. Article Number: 17. Date of Publication: 09 Apr 2020.

[Article]

AN: 631566355

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

238.

'heart rate variability' based screening and triage for coronary artery disease: A machine learning approach.

Wadhokar P.S., Phadke L., Bhat S., Phadke G.

Embase

Clinical Cardiology. Conference: 2019 Congress on Cardiovascular Disease Prevention. United States. 42 (Supplement 2) (pp S41), 2019. Date of Publication: November 2019.

[Conference Abstract]

AN: 631644310

Publisher

John Wiley and Sons Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

239.

Individualized Patient Risk Stratification Using Machine Learning and Topological Data Analysis.

Ng A.C.T., Delgado V., Bax J.J.

Embase

JACC: Cardiovascular Imaging. 13 (5) (pp 1133-1134), 2020. Date of Publication: May 2020.

[Editorial]

AN: 2005653199

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

240.

Recursive multiresolution convolutional neural networks for 3D aortic valve annulus planimetry.

Theriault-Lauzier P., Alsosaimi H., Mousavi N., Buihieu J., Spaziano M., Martucci G., Brophy J.,
Piazza N.

Embase

International Journal of Computer Assisted Radiology and Surgery. 15 (4) (pp 577-588), 2020.

Date of Publication: 01 Apr 2020.

[Article]

AN: 2004431022

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

241.

The influence of image quality on diagnostic performance of a machine learning-based fractional flow reserve derived from coronary CT angiography.

Xu P.P., Li J.H., Zhou F., Jiang M.D., Zhou C.S., Lu M.J., Tang C.X., Zhang X.L., Yang L., Zhang Y.X., Wang Y.N., Zhang J.Y., Yu M.M., Hou Y., Zheng M.W., Zhang B., Zhang D.M., Yi Y., Xu L., Hu X.H., Liu H., Lu G.M., Ni Q.Q., Zhang L.J.

Embase

European Radiology. 30 (5) (pp 2525-2534), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 2004182151

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

242.

Editorial: Multiscale Modeling of Rhythm, Pattern and Information Generation: from Genome to Physiome.

Chen S., Zaikin A.

Embase

Frontiers in Physiology. 11 (no pagination), 2020. Article Number: 281. Date of Publication: 07 Apr 2020.

[Editorial]

AN: 631519927

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

243.

Computer-assisted prediction of atherosclerotic intimal thickness based on weight of adrenal gland, interleukin-6 concentration, and neural networks.

Meng L.-B., Zou Y.-F., Shan M.-J., Zhang M., Qi R.-M., Yu Z.-M., Guo P., Zheng Q.-W., Gong T.

Embase

Journal of International Medical Research. 48 (1) (no pagination), 2019. Date of Publication: 2019.

[Article]

AN: 2004718448

Publisher

SAGE Publications Ltd (E-mail: info@sagepub.co.uk)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

244.

Selection of the best of 2018 in cardiovascular imaging. Seleccion de lo mejor del ano 2018 en imagen cardiovascular <Seleccion de lo mejor del ano 2018 en imagen cardiovascular.>

Galian-Gay L., Rodriguez-Palomares J.F., Saura Espin D.R., Barreiro-Perez M., Lopez-Fernandez T., Perez de Isla L.

Embase

REC: CardioClinics. 54 (Supplement 1) (pp 30-36), 2019. Date of Publication: March 2019.

[Article]

AN: 2001611462

Publisher

Elsevier Espana S.L.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

245.

Preliminary research on the biological index of TCM ?Qi deficiency and blood stasis syndrome in coronary heart disease? based on ?machine learning and complex network? fusion mode in the background of big data.

Zhai X., Han A., Wang X., Liu J.

Embase

Basic and Clinical Pharmacology and Toxicology. Conference: 2019 International Conference on Medical, Engineering and Health Science. China. 125 (Supplement 6) (pp 54), 2019. Date of Publication: November 2019.

[Conference Abstract]

AN: 631605698

Publisher

Blackwell Publishing Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

246.

Utilization of readily available clinical characteristics for the estimation of the coronary artery calcium score.

Al Aref S., Anchouche K., Wang H., Kolli K., Berman D., Callister T., DeLago A., Hadamitzky M., Hausleiter J., Al-Mallah M., Budoff M., Kaufmann P., Raff G., Chinnaiyan K., Cademartiri F., Maffei E., Villines T.C., Kim Y.-J., Leipsic J., Feuchtner G., Pontone G., Andreini D., Marques H., Rubinshtein R., Achenbach S., Shaw L.J., Dunning A.M., Gomez M., Hindoyan N., Lin F.Y., Pena J.M., Min J.K., Jones E.C.

Embase

Clinical Cardiology. Conference: 2017 Congress on Cardiovascular Disease Prevention. United States. 40 (Supplement 1) (pp 8), 2017. Date of Publication: September 2017.

[Conference Abstract]

AN: 631605905

Publisher

John Wiley and Sons Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

247.

Machine Learning to Predict Stent Restenosis Based on Daily Demographic, Clinical, and Angiographic Characteristics.

Sampedro-Gomez J., Dorado-Diaz P.I., Vicente-Palacios V., Sanchez-Puente A., Jimenez-Navarro M., San Roman J.A., Galindo-Villardón P., Sanchez P.L., Fernandez-Aviles F.

Embase

The Canadian journal of cardiology. (no pagination), 2020. Date of Publication: 07 Feb 2020.

[Article]

AN: 631593697

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

248.

Classification Techniques for Cardio-Vascular Diseases Using Supervised Machine Learning.

Minou J., Mantas J., Malamateniou F., Kaitelidou D.

Embase

Medical archives (Sarajevo, Bosnia and Herzegovina). 74 (1) (pp 39-41), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 631598818

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

249.

Deep Learning-Based Quantification of Epicardial Adipose Tissue Volume and Attenuation Predicts Major Adverse Cardiovascular Events in Asymptomatic Subjects.

Eisenberg E., McElhinney P.A., Commandeur F., Chen X., Cadet S., Goeller M., Razipour A., Gransar H., Cantu S., Miller R.J.H., Slomka P.J., Wong N.D., Rozanski A., Achenbach S., Tamarappoo B.K., Berman D.S., Dey D.

Embase

Circulation: Cardiovascular Imaging. (no pagination), 2020. Article Number: e009829. Date of Publication: 2020.

[Article]

AN: 631606320

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

250.

Global Developments in Stress Perfusion Cardiovascular Magnetic Resonance.

Arai A.E., Hsu L.-Y.

Embase

Circulation. (pp 1292-1294), 2020. Date of Publication: 2020.

[Review]

AN: 631605205

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

251.

Identification of High-Risk Left Ventricular Hypertrophy on Calcium Scoring Cardiac Computed Tomography Scans: Validation in the DHS.

Kay F.U., Abbara S., Joshi P.H., Garg S., Khera A., Peshock R.M.

Embase

Circulation: Cardiovascular Imaging. (no pagination), 2020. Article Number: e009678. Date of Publication: 2020.

[Article]

AN: 631600037

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

252.

Plasma BNP Levels and Diuretics Use as Predictors of Cardiovascular Events in Patients with Myocardial Infarction and Impaired Glucose Tolerance.

Shindo K., Fukuda H., Hitsumoto T., Ito S., Kim J., Washio T., Kitakaze M.

Embase

Cardiovascular Drugs and Therapy. 34 (1) (pp 79-88), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 2004296816

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

253.

A Joint Evaluation of Impaired Cardiac Sympathetic Responses and Malnutrition-Inflammation Cachexia for Mortality Risks in Hemodialysis Patients.

Chang J.-F., Wu C.-C., Hsieh C.-Y., Li Y.-Y., Wang T.-M., Liou J.-C.

Embase

Frontiers in Medicine. 7 (no pagination), 2020. Article Number: 99. Date of Publication: 27 Mar 2020.

[Article]

AN: 631451538

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

254.

Machine Learning and Deep Neural Networks Applications in Computed Tomography for Coronary Artery Disease and Myocardial Perfusion.

Monti C.B., Codari M., van Assen M., De Cecco C.N., Vliegenthart R.

Embase

Journal of thoracic imaging. 35 (Supplement 1) (pp S58-S65), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 631289670

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

255.

Machine Learning and Deep Neural Networks Applications in Coronary Flow Assessment: The Case of Computed Tomography Fractional Flow Reserve.

Tesche C., Gray H.N.

Embase

Journal of thoracic imaging. 35 (Supplement 1) (pp S66-S71), 2020. Date of Publication: 01 May 2020.

[Article]

AN: 631044493

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

256.

Machine learning and clinical epigenetics: A review of challenges for diagnosis and classification.

Rauschert S., Raubenheimer K., Melton P.E., Huang R.C.

Embase

Clinical Epigenetics. 12 (1) (no pagination), 2020. Article Number: 51. Date of Publication: 03 Apr 2020.

[Review]

AN: 631487391

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

257.

Performance of a Deep Neural Network Algorithm Based on a Small Medical Image Dataset: Incremental Impact of 3D-to-2D Reformation Combined with Novel Data Augmentation, Photometric Conversion, or Transfer Learning.

Gupta V., Demirer M., Bigelow M., Little K.J., Candemir S., Prevedello L.M., White R.D., O'Donnell T.P., Wels M., Erdal B.S.

Embase

Journal of digital imaging. 33 (2) (pp 431-438), 2020. Date of Publication: 01 Apr 2020.

[Article]

AN: 629634191

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

258.

Validation of Early Warning Scores at Two Long-Term Acute Care Hospitals.

Churpek M.M., Carey K.A., Dela Merced N., Prister J., Brofman J., Edelson D.P.

Embase

Critical Care Medicine. 47 (12) (pp e962-e965), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 631014048

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

259.

Latest advances in cardiac CT.

Heseltine T.D., Murray S.W., Ruzsics B., Fisher M.

Embase

European Cardiology Review. 15 (no pagination), 2020. Article Number: e01. Date of Publication: 2020.

[Article]

AN: 631437989

Publisher

Radcliffe Cardiology

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

260.

Cardiac Computed Tomography: Assessment of Coronary Inflammation and Other Plaque Features.

Oikonomou E.K., West H.W., Antoniades C.

Embase

Arteriosclerosis, thrombosis, and vascular biology. 39 (11) (pp 2207-2219), 2019. Date of Publication: 01 Nov 2019.

[Review]

AN: 629303623

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

261.

Full feature selection for estimating KAP radiation dose in coronary angiographies and percutaneous coronary interventions.

Suomi V., Jarvinen J., Kiviniemi T., Ylitalo A., Pietila M.

Embase

Computers in Biology and Medicine. 120 (no pagination), 2020. Article Number: 103725. Date of Publication: May 2020.

[Article]

AN: 2005409708

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

262.

Classification of Patients with Coronary Microvascular Dysfunction.

Fodeh S.J., Li T., Jarad H., Safdar B.

Embase

IEEE/ACM transactions on computational biology and bioinformatics. 17 (2) (pp 704-711), 2020.

Date of Publication: 01 Mar 2020.

[Article]

AN: 627680476

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

263.

Cardiotocograph-based labor stage classification from uterine contraction pressure during ante-partum and intra-partum period: a fuzzy theoretic approach.

Das S., Obaidullah S.M., Santosh K.C., Roy K., Saha C.K.

Embase

Health Information Science and Systems. 8 (1) (no pagination), 2020. Article Number: 16. Date of Publication: 01 Dec 2020.

[Article]

AN: 2004558426

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

264.

Decision tree-based diagnosis of coronary artery disease: CART model.

Ghiasi M.M., Zendehboudi S., Mohsenipour A.A.

Embase

Computer Methods and Programs in Biomedicine. 192 (no pagination), 2020. Article Number: 105400. Date of Publication: August 2020.

[Article]

AN: 2005200591

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

265.

Fuzzy cognitive map based approach for determining the risk of ischemic stroke.

Khodadadi M., Shayanfar H., Maghooli K., Hooshang Mazinan A.

Embase

IET systems biology. 13 (6) (pp 297-304), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 630002901

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

266.

Enhanced Diagnosis of Severe Aortic Stenosis Using Artificial Intelligence: A Proof-of-Concept Study of 530,871 Echocardiograms.

Playford D., Bordin E., Mohamad R., Stewart S., Strange G.

Embase

JACC: Cardiovascular Imaging. 13 (4) (pp 1087-1090), 2020. Date of Publication: April 2020.

[Letter]

AN: 2005406948

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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267.

Inflammation and its resolution in coronary artery disease: A tightrope walk between omega-6 and omega-3 polyunsaturated fatty acids.

Artiach G., Sarajlic P., Back M.

Embase

Kardiologia Polska. 78 (2) (pp 93-95), 2020. Date of Publication: 25 Feb 2020.

[Review]

AN: 2005468761

Publisher

Medycyna Praktyczna Cholerzyn (E-mail: listy@mp.pl)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

268.

A speckle-tracking strain-based artificial neural network model to differentiate cardiomyopathy type.

Walsh J.L., AlJaroudi W.A., Lamaa N., Abou Hassan O.K., Jalkh K., Elhadj I.H., Sakr G., Isma'eel H.

Embase

Scandinavian Cardiovascular Journal. 54 (2) (pp 92-99), 2020. Date of Publication: 03 Mar 2020.

[Article]

AN: 2003507226

Publisher

Taylor and Francis Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

269.

Response to Letter to the Editor: "Cardiovascular Effects of Pioglitazone or Sulfonylureas According to Pretreatment Risk: Moving Toward Personalized Care".

Vaccaro O., Nicolucci A., Lucisano G., Masulli M., Riccardi G.

Embase

Journal of Clinical Endocrinology and Metabolism. 105 (3) (no pagination), 2020. Article Number: dgz135. Date of Publication: 08 Jan 2020.

[Letter]

AN: 631245735

Publisher

Endocrine Society (E-mail: Chris.Payne@oup.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

270.

Deep learning for automatic calcium scoring in CT: Validation using multiple cardiac CT and chest CT protocols.

van Velzen S.G.M., Lessmann N., Velthuis B.K., Bank I.E.M., van den Bongard D.H.J.G., Leiner T., de Jong P.A., Veldhuis W.B., Correa A., Terry J.G., Carr J.J., Viergever M.A., Verkooijen H.M., Isgum I.

Embase

Radiology. 295 (1) (pp 66-79), 2020. Date of Publication: 2020.

[Article]

AN: 2005383811

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

271.

Automated coronary artery calcium scoring for chest CT scans.

Vannier M.W.

Embase

Radiology. 295 (1) (pp 80-81), 2020. Date of Publication: 2020.

[Editorial]

AN: 2005383812

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Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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272.

Prognosis Analysis of Heart Failure Based on Recurrent Attention Model.

Gong J., Bai X., Li D.-A., Zhao J., Li X.

Embase

IRBM. 41 (2) (pp 71-79), 2020. Date of Publication: April 2020.

[Article]

AN: 2002868971

Publisher

Elsevier Masson SAS (62 rue Camille Desmoulins, Issy les Moulineaux Cedex 92442, France)

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273.

Artificial Intelligence for Diagnosis of Acute Coronary Syndromes: A Meta-analysis of Machine Learning Approaches.

Iannattone P.A., Zhao X., VanHouten J., Garg A., Huynh T.

Embase

Canadian Journal of Cardiology. 36 (4) (pp 577-583), 2020. Date of Publication: April 2020.

[Review]

AN: 2005370574

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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274.

Insights into systemic disease through retinal imaging-based oculosimics.

Wagner S.K., Fu D.J., Faes L., Liu X., Huemer J., Khalid H., Ferraz D., Korot E., Kelly C., Balaskas K., Denniston A.K., Keane P.A.

Embase

Translational Vision Science and Technology. 9 (2) (no pagination), 2020. Article Number: 6.

Date of Publication: 2020.

[Article]

AN: 2004050982

Publisher

Association for Research in Vision and Ophthalmology Inc.

Link to the Ovid Full Text or citation:

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275.

Artificial Intelligence in Diagnostic Imaging: Status Quo, Challenges, and Future Opportunities.

Sharma P., Suehling M., Flohr T., Comaniciu D.

Embase

Journal of Thoracic Imaging. (no pagination), 2020. Date of Publication: 2020.

[Review]

AN: 631369204

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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276.

UTILITY OF CAC VOLUME FOR PREDICTION OF 10-YEAR CVD MORTALITY WITH A
MODEL-AGNOSTIC INTERPRETATION OF MACHINE LEARNING: THE CAC CONSORTIUM.

Lin F., Maliakal G., Baskaran L., Singh G., Al'Aref S., Xu Z., Choi J., Bax A.M., Gianni U.,
Hollenberg E.J., van den Hoogen I.J., van Rosendael A., Tantawy S., Slomka P.J., Dey D.,
Rozanski A., Berman D.S., Budoff M.J., Miedema M.D., Nasir K., Rumberger J.A., Whelton S.P.,
Min J., Blaha M., Shaw L.J.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 1952), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005042564

Publisher

Elsevier USA

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277.

Automated CT biomarkers for opportunistic prediction of future cardiovascular events and mortality in an asymptomatic screening population: a retrospective cohort study.

Pickhardt P.J., Graffy P.M., Zea R., Lee S.J., Liu J., Sandfort V., Summers R.M.

Embase

The Lancet Digital Health. 2 (4) (pp e192-e200), 2020. Date of Publication: April 2020.

[Article]

AN: 2005365352

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

278.

USING ARTIFICIAL INTELLIGENCE TO UNCOVER ASSOCIATION OF LEFT ATRIAL STRAIN WITH THE FRAMINGHAM RISK SCORE FOR ATRIAL FIBRILLATION DEVELOPMENT.

Ahmad A., Mansour S., Zgheib A., Safatly L., Hajj A.E., Baydoun M., Ghaziri H., Aridi H., Ismaeel H.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 455), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005042714

Publisher

Elsevier USA

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279.

DIAGNOSTIC EFFICIENCY IMPROVEMENT OF CORONARY HEART DISEASE IN ECHOCARDIOGRAPHY USING DYNAMIC RECOGNIZING ALGORITHM FROM COMPUTED NEURAL NETWORK.

Hu B., Lei J., Dong Y., Jiang N., Xiao J.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 1661), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005042637

Publisher
Elsevier USA

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[SFX Link](#)

280.

A Novel Digital Platform for a Monitored Home-based Cardiac Rehabilitation Program.

Dor-Haim H., Katzburg S., Leibowitz D.

Embase

Journal of visualized experiments : JoVE. (146) (no pagination), 2019. Date of Publication: 19 Apr 2019.

[Article]

AN: 627674231

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:
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281.

MACHINE LEARNING ALGORITHMS TO PREDICT 10-YEAR ATHEROSCLEROTIC
CARDIOVASCULAR RISK IN A CONTEMPORARY, COMMUNITY-BASED HISTORICAL
COHORT.

Medina-Inojosa J., Shelly M., Attia Z.I., Noseworthy P., Kapa S., Friedman P., Lopez-Jimenez F.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 2027), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005042185

Publisher

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282.

MACHINE LEARNING TECHNIQUES TO PREDICT IN-HOSPITAL CARDIOVASCULAR
OUTCOMES IN ELDERLY PATIENTS PRESENTING WITH ACUTE MYOCARDIAL
INFARCTION.

Bansal A., Kapadia S., Ellis S., Verma B.R., Hsiung I., Farwati M., Kaur M., Singh A., Aggarwal
M., Jain V., Menon V.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 3603), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005042141

Publisher

Elsevier USA

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283.

MACHINE LEARNING APPLIED TO ENERGY WAVEFORM ECG FOR PREDICTION OF
STAGE B HEART FAILURE IN THE COMMUNITY.

Potter E.L., Rodrigues C., Ascher D., Marwick T.H.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 1894), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041928

Publisher

Elsevier USA

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284.

MACHINE LEARNING FOR IDENTIFICATION OF ELECTROCARDIOGRAPHIC MEASURES
PREDICTING ATRIAL FIBRILLATION: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS
(MESA).

Xie E., Wu C., Ostovaneh M., Post W.S., Kutty S., Soliman E., Bluemke D.A., Heckbert S.R.,
Lima J.A.C., Venkatesh B.A.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 292), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041847

Publisher

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285.

LONG-TERM PREDICTION OF CARDIAC EVENTS IN ASYMPTOMATIC SUBJECTS BY
INTEGRATING NOVEL CIRCULATING AND IMAGING BIOMARKERS USING MACHINE
LEARNING.

Lin A., Tamarappoo B., Commandeur F., McElhinney P., Cadet S., Goeller M., Chen X., Razipour
A., Gransar H., Cantu S., Miller R., Wong N.D., Achenbach S., Rozanski A., Berman D.S.,
Slomka P., Dey D.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 1580), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041277

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286.

IDENTIFICATION OF SEVERE AORTIC STENOSIS USING DEEP LEARNING.

Wessler B.S., Huang D., Long G.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 3493), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041190

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287.

SINGLE LEAD FOR STEMI DETECTION DOES NOT LOCALIZE OR IDENTIFY CULPRIT LESION.

Mehta S., Fernandez F., Villagran C., Niklitschek S., Avila J., Botelho R., Frauenfelder A., Vieira D., Ceschim M., Merchant S., Vaid A., Pinto G., Vallenilla I., Perez Del Nogal G., Prieto L., Luna M., Daher D.B., Quintero S., Lee J.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 3624), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041095

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288.

CLINICAL AND ECHOCARDIOGRAPHIC PREDICTORS OF AORTIC STENOSIS DISEASE PROGRESSION AND CLINICAL OUTCOMES IN PATIENTS WITH MODERATE AORTIC STENOSIS.

Gada H., Vora A., Ramlawi B., O'Hair D., Sotelo M., Rogers C., Wagner L., Brigman L., Kohli N.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 1482), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005041054

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289.

NOVEL APPROACH COMBINING MACHINE LEARNING AND SYSTEM DYNAMICS
MODELING FOR PREDICTION OF RISK OF SECONDARY CARDIOVASCULAR EVENTS AND
EFFECT OF INTERVENTIONS.

He F., Page J., Patil N., Tandi J., Ghosh A., Liman C., Sarkar J., Tai E.S., Yeo K.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 3545), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038878

Publisher

Elsevier USA

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290.

METABOLIC SYNDROME AND AUTOMATED EPICARDIAL ADIPOSE TISSUE MEASURES
PREDICT LONG-TERM RISK OF CARDIAC EVENTS IN ASYMPTOMATIC SUBJECTS.

Lin A., Wong N.D., Commandeur F., Cadet S., Gransar H., Chen X., Cantu S., Miller R.,
McElhinney P., Nerlekar N., Slomka P., Rozanski A., Tamarappoo B., Berman D.S., Dey D.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 1717), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005039880

Publisher

Elsevier USA

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291.

PACEMAKER IMPLANTATION FOLLOWING TAVR: USING MACHINE LEARNING TO
OPTIMIZE RISK STRATIFICATION.

Truong V.T., Wigle M., Bateman E., Pallerla A., Ngo T.N.M., Beyerbach D., Kereiakes D.,
Shreenivas S., Tretter J., Palmer C., Mazur W., Chung E.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 1478), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005039790

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292.

INCIDENTAL CORONARY ARTERY CALCIFICATION IN NON-GATED CT SCANS.

Sanders M., Balla S., Rodriguez F., Patel B., Eng D.K.-M., Khandwala N., Sandhu A., Maron D.J.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 1806), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038902

Publisher

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293.

Accuracy of an Artificial Intelligence Deep Learning Algorithm Implementing a Recurrent Neural Network with Long Short-term Memory for the Automated Detection of Calcified Plaques from Coronary Computed Tomography Angiography.

Fischer A.M., Eid M., De Cecco C.N., Gulsun M.A., Van Assen M., Nance J.W., Sahbaee P., De Santis D., Bauer M.J., Jacobs B.E., Varga-Szemes A., Kabakus I.M., Sharma P., Jackson L.J., Schoepf U.J.

Embase

Journal of Thoracic Imaging. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 631318591

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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294.

Coronary blockage of artery for heart diagnosis with DT artificial intelligence algorithm.

Saikumar K., Rajesh V.

Embase

International Journal of Research in Pharmaceutical Sciences. 11 (1) (pp 471-479), 2020. Date of Publication: 06 Jan 2020.

[Article]

AN: 2003619274

Publisher

J. K. Welfare and Pharmascope Foundation (E-mail: info@pharmascope.org)

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295.

Challenging the supremacy of evidence-based medicine through artificial intelligence: The time has come for a change of paradigms.

Burlacu A., Iftene A., Busoiu E., Cogean D., Covic A.

Embase

Nephrology Dialysis Transplantation. 35 (2) (pp 191-194), 2020. Date of Publication: 2020.

[Review]

AN: 631212754

Publisher

Oxford University Press

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296.

In This Issue of the Journal.

Gropler R.J.

Embase

Circulation: Cardiovascular Imaging. 12 (10) (no pagination), 2019. Article Number: e009980.

Date of Publication: 01 Oct 2019.

[Editorial]

AN: 631006757

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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297.

Development and validation of a nomogram to predict coronary heart disease in patients with rheumatoid arthritis in northern China.

Wei T., Yang B., Liu H., Xin F., Fu L.

Embase

Aging. 12 (4) (pp 3190-3204), 2020. Date of Publication: 29 Feb 2020.

[Article]

AN: 631109144

Publisher

NLM (Medline)

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298.

Multiple Plasma Biomarkers for Risk Stratification in Patients With Heart Failure and Preserved Ejection Fraction.

Chirinos J.A., Orlenko A., Zhao L., Basso M.D., Cvijic M.E., Li Z., Spires T.E., Yarde M., Wang Z., Seiffert D.A., Prenner S., Zamani P., Bhattacharya P., Kumar A., Margulies K.B., Car B.D., Gordon D.A., Moore J.H., Cappola T.P.

Embase

Journal of the American College of Cardiology. 75 (11) (pp 1281-1295), 2020. Date of Publication: 24 March 2020.

[Article]

AN: 2005169927

Publisher

Elsevier USA

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299.

TELEECG PROGRAM IN A MIDDLE INCOME LATINAMERICAN COUNTRY (CHILE).

Escobar E., Meruane J., Akel C., Almagro E., Adriaola P.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 3518), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005039084

Publisher

Elsevier USA

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300.

A MACHINE LEARNING ALGORITHM TO PREDICT ACUTE MYOCARDIAL INFARCTION
OVER 30 MINUTES.

Gibbs J., McCord J., Moyer M., Jacobsen G., Nowak R.M.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of
Cardiology. United States. 75 (11) (pp 175), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038960

Publisher

Elsevier USA

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301.

PROGNOSTIC VALUE OF PERI-CORONARY ADIPOSE TISSUE ATTENUATION AND
PHENOTYPIC CLUSTERING OF WHOLE VESSEL AND LESION PLAQUE QUANTIFICATION
ON CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY.

Hoshino M., Sugiyama T., Kanaji Y., Yamaguchi M., Hada M., Sumino Y., Hirano H., Toru M., Horie T., Nogami K., Ueno H., Yonetsu T., Kakuta T.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 1805), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038853

Publisher

Elsevier USA

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302.

DETECTION OF AORTIC STENOSIS USING AN ARTIFICIAL INTELLIGENCE-ENABLED ELECTROCARDIOGRAM.

Shelly M., Attia Z.I., Ko W.-Y., Ito S., Essayagh B., Michelena H.I., Carter R., Sarano M., Friedman P., Oh J.K.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 2115), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038764

Publisher

Elsevier USA

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303.

PREDICTING SUDDEN CARDIAC DEATH BY MACHINE LEARNING OF VENTRICULAR ACTION POTENTIALS.

Selvalingam A., Alhusseini M., Rogers A.J., Krummen D., Abuzaid F.M., Baykaner T., Clopton P., Bailis P., Zaharia M., Wang P., Narayan S.

Embase

Journal of the American College of Cardiology. Conference: ACC.20 - World Congress of Cardiology. United States. 75 (11) (pp 427), 2020. Date of Publication: 24 Mar 2020.

[Conference Abstract]

AN: 2005038464

Publisher

Elsevier USA

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304.

Detection of inferior myocardial infarction based on densely connected convolutional neural network.

Xiong P., Xue Y., Liu M., Du H., Wang H., Liu X.

Embase

Sheng wu yi xue gong cheng xue za zhi = Journal of biomedical engineering = Shengwu yixue gongchengxue zazhi. 37 (1) (pp 142-149), 2020. Date of Publication: 25 Feb 2020.

[Article]

AN: 631070421

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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305.

Automatic detection of coronary artery stenosis by convolutional neural network with temporal constraint.

Wu W., Zhang J., Xie H., Zhao Y., Zhang S., Gu L.

Embase

Computers in Biology and Medicine. 118 (no pagination), 2020. Article Number: 103657. Date of Publication: March 2020.

[Article]

AN: 2004970671

Publisher

Elsevier Ltd

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306.

Comparison of measures of ventricular delay on cardiac resynchronization therapy response.

Field M.E., Yu N., Wold N., Gold M.R.

Embase

Heart Rhythm. 17 (4) (pp 615-620), 2020. Date of Publication: April 2020.

[Article]

AN: 2004761783

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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307.

Future directions in coronary CT angiography: CT-fractional flow reserve, plaque vulnerability, and quantitative plaque assessment.

Kay F.U., Canan A., Abbara S.

Embase

Korean Circulation Journal. 50 (3) (pp 185-202), 2020. Date of Publication: 2020.

[Review]

AN: 2005208104

Publisher

Korean Society of Circulation (E-mail: herz4@circulation.or.kr)

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308.

A machine learning-driven study indicates emodin improves cardiac hypertrophy by modulation of mitochondrial SIRT3 signaling.

Gao J., Zhang K., Wang Y., Guo R., Liu H., Jia C., Sun X., Wu C., Wang W., Du J., Chen J.

Embase

Pharmacological Research. 155 (no pagination), 2020. Article Number: 104739. Date of

Publication: May 2020.

[Article]

AN: 2005167978

Publisher

Academic Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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309.

Neural network-derived perfusion maps for the assessment of lesions in patients with acute ischemic stroke.

Meier R., Lux P., Jung S., Fischer U., Gralla J., Reyes M., Wiest R., McKinley R., Kaesmacher J.

Embase

Radiology: Artificial Intelligence. 1 (5) (no pagination), 2019. Article Number: e190019. Date of Publication: September 2019.

[Article]

AN: 2003399876

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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310.

Prediction of Outcomes after Heart Transplantation Using Machine Learning Techniques.

Villela M.A., Bravo C.A., Shah M., Patel S., Jorde U.P., Stehlik J., Castellanos A.

Embase

Journal of Heart and Lung Transplantation. Conference: 2020 Anniversary Meeting and Scientific Sessions - ISHLT. Canada. 39 (4 Supplement) (pp S295-S296), 2020. Date of Publication: April 2020.

[Conference Abstract]

AN: 2005252054

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

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311.

Machine Learning in Lung Transplantation.

Fessler J., Gouy-Pailler C., Fischler M., Guen M.L.

Embase

Journal of Heart and Lung Transplantation. Conference: 2020 Anniversary Meeting and Scientific Sessions - ISHLT. Canada. 39 (4 Supplement) (pp S385), 2020. Date of Publication: April 2020.

[Conference Abstract]

AN: 2005251554

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

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312.

Risk Factors for Post-Transplant Outcomes in Patients with LVAD Support: A Machine Learning and Logistic Regression of the UNOS Database.

Bravo C.A., Villela M.A., Shah M., Merekar R., Mella P.O., Castellanos A., Colombo P.C.

Embase

Journal of Heart and Lung Transplantation. Conference: 2020 Anniversary Meeting and Scientific Sessions - ISHLT. Canada. 39 (4 Supplement) (pp S410), 2020. Date of Publication: April 2020.

[Conference Abstract]

AN: 2005250539

Publisher
Elsevier USA

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313.

Artificial Intelligence Helps Predict 5-year Mortality and Graft Failure in Patients Undergoing
Orthotopic Heart Transplantation.

Agasthi P., Smith S.D., Murphy K.M., Buras M.R., Golafshar M., Herner M., Anand S., Pujari S.,
Allam M.N., Mookadam F., Hardaway B., Scott R.L., DeValeria P.A., Venepally N.R., Arsanjani R.
Embase

Journal of Heart and Lung Transplantation. Conference: 2020 Anniversary Meeting and Scientific
Sessions - ISHLT. Canada. 39 (4 Supplement) (pp S142), 2020. Date of Publication: April 2020.

[Conference Abstract]

AN: 2005250366

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314.

Classifying Drugs by their Arrhythmogenic Risk Using Machine Learning.

Sahli-Costabal F., Seo K., Ashley E., Kuhl E.

Embase

Biophysical journal. 118 (5) (pp 1165-1176), 2020. Date of Publication: 10 Mar 2020.

[Article]

AN: 630845997

Publisher

NLM (Medline)

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Link to the External Link Resolver:

[SFX Link](#)

315.

CHD Risk Minimization through Lifestyle Control: Machine Learning Gateway.

He X., Matam B.R., Bellary S., Ghosh G., Chattopadhyay A.K.

Embase

Scientific reports. 10 (1) (pp 4090), 2020. Date of Publication: 05 Mar 2020.

[Article]

AN: 631210887

Publisher

NLM (Medline)

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[SFX Link](#)

316.

Imaging the heart and the brain: From the amygdala to arterial inflammation.

Luscher T.F.

Embase

European Heart Journal. 41 (6) (pp 727-730), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 631117899

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

317.

Additional value of machine-learning computed tomographic angiography-based fractional flow reserve compared to standard computed tomographic angiography.

Lossnitzer D., Chandra L., Rutsch M., Becher T., Overhoff D., Janssen S., Weiss C., Borggreffe M., Akin I., Pflieger S., Baumann S.

Embase

Journal of Clinical Medicine. 9 (3) (no pagination), 2020. Article Number: 676. Date of Publication: March 2020.

[Article]

AN: 2003928928

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: rasetti@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

318.

Evaluation of an AI-based, automatic coronary artery calcium scoring software.

Sandstedt M., Henriksson L., Janzon M., Nyberg G., Engvall J., De Geer J., Alfredsson J.,
Persson A.

Embase

European Radiology. 30 (3) (pp 1671-1678), 2020. Date of Publication: 01 Mar 2020.

[Article]

AN: 2003641941

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

319.

Deep CNN with LM learning based myocardial ischemia detection in cardiac magnetic resonance images.

Muthulakshmi M., Kavitha G.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2019 (pp 824-827), 2019. Date of Publication: 01 Jul 2019.

[Article]

AN: 630649082

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

320.

Application of machine learning to determine top predictors of noncalcified coronary burden in psoriasis: An observational cohort study.

Munger E., Choi H., Dey A.K., Elnabawi Y.A., Groenendyk J.W., Rodante J., Keel A., Aksentijevich M., Reddy A.S., Khalil N., Argueta-Amaya J., Playford M.P., Erb-Alvarez J., Tian X., Wu C., Gudjonsson J.E., Tsoi L.C., Jafri M.S., Sandfort V., Chen M.Y., Shah S.J., Bluemke D.A., Lockshin B., Hasan A., Gelfand J.M., Mehta N.N.

Embase

Journal of the American Academy of Dermatology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2005127864

Publisher

Mosby Inc. (E-mail: customerservice@mosby.com)

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321.

Machine-Learning CT-FFR and Extensive Coronary Calcium: Overcoming the Achilles Heel of Coronary Computed Tomography Angiography.

Dey D., Lin A.

Embase

JACC: Cardiovascular Imaging. 13 (3) (pp 771-773), 2020. Date of Publication: March 2020.

[Editorial]

AN: 2005029726

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

322.

Editorial: Machine Learning Advanced Dynamic Omics Data Analysis for Precision Medicine.

Zeng T., Huang T., Lu C.

Embase

Frontiers in Genetics. 10 (no pagination), 2020. Article Number: 1343. Date of Publication: 04 Feb 2020.

[Editorial]

AN: 630950505

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

323.

Influence of Coronary Calcium on Diagnostic Performance of Machine Learning CT-FFR: Results From MACHINE Registry.

Tesche C., Otani K., De Cecco C.N., Coenen A., De Geer J., Kruk M., Kim Y.-H., Albrecht M.H., Baumann S., Renker M., Bayer R.R., Duguay T.M., Litwin S.E., Varga-Szemes A., Steinberg D.H., Yang D.H., Kepka C., Persson A., Nieman K., Schoepf U.J.

Embase

JACC: Cardiovascular Imaging. 13 (3) (pp 760-770), 2020. Date of Publication: March 2020.

[Article]

AN: 2005029735

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

324.

Echocardiography update for primary care physicians: A review.

Chan J.S.K., Tse G., Zhao H., Luo X.X., Jin C.N., Kam K., Fan Y.T., Lee A.P.W.

Embase

Hong Kong Medical Journal. 26 (1) (pp 44-55), 2020. Date of Publication: February 2020.

[Review]

AN: 2003822540

Publisher

Hong Kong Academy of Medicine Press (Room 901, 9/F, HKAM Jockey Club Build, 99 Wong Chuk Hang Road, Aberdeen, Hong Kong, Hong Kong)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

325.

Machine learning in the integration of simple variables for identifying patients with myocardial ischemia.

Juarez-Orozco L.E., Knol R.J.J., Sanchez-Catasus C.A., Martinez-Manzanera O., van der Zant F.M., Knuuti J.

Embase

Journal of Nuclear Cardiology. 27 (1) (pp 147-155), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 2004302084

Publisher
Springer

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

326.

Machine learning to predict venous thrombosis in acutely ill medical patients.

Nafee T., Gibson C.M., Travis R., Yee M.K., Kerneis M., Chi G., AlKhalfan F., Hernandez A.F., Hull R.D., Cohen A.T., Harrington R.A., Goldhaber S.Z.

Embase

Research and Practice in Thrombosis and Haemostasis. 4 (2) (pp 230-237), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 2004156386

Publisher

Wiley-Blackwell Publishing Ltd (E-mail: info@royensoc.co.uk)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

327.

Left ventricular mechanical dyssynchrony for CAD diagnosis: Does it have incremental clinical values?.

Jiang Z., Zhou W.

Embase

Journal of Nuclear Cardiology. 27 (1) (pp 251-253), 2020. Date of Publication: 01 Feb 2020.

[Editorial]

AN: 623950331

Publisher

Springer

Link to the Ovid Full Text or citation:

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[SFX Link](#)

328.

The machine learning approach: Artificial intelligence is coming to support critical clinical thinking.

Nappi C., Cuocolo A.

Embase

Journal of Nuclear Cardiology. 27 (1) (pp 156-158), 2020. Date of Publication: 01 Feb 2020.

[Editorial]

AN: 622668472

Publisher

Springer

Link to the Ovid Full Text or citation:

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[SFX Link](#)

329.

Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry.

Han D., Kolli K.K., Al'Aref S.J., Baskaran L., van Rosendael A.R., Gransar H., Andreini D., Budoff M.J., Cademartiri F., Chinnaiyan K., Choi J.H., Conte E., Marques H., de Araujo Goncalves P., Gottlieb I., Hadamitzky M., Leipsic J.A., Maffei E., Pontone G., Raff G.L., Shin S., Kim Y.-J., Lee B.K., Chun E.J., Sung J.M., Lee S.-E., Virmani R., Samady H., Stone P., Narula J., Berman D.S., Bax J.J., Shaw L.J., Lin F.Y., Min J.K., Chang H.-J.

Embase

Journal of the American Heart Association. 9 (5) (pp e013958), 2020. Date of Publication: 03 Mar 2020.

[Article]

AN: 631043215

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

330.

Heart Rate Variability as a Biomarker of Neurocardiogenic Injury After Subarachnoid Hemorrhage.

Megjhani M., Kaffashi F., Terilli K., Alkhachroum A., Esmaeili B., Doyle K.W., Murthy S., Velazquez A.G., Connolly E.S., Roh D.J., Agarwal S., Loparo K.A., Claassen J., Boehme A., Park S.

Embase

Neurocritical Care. 32 (1) (pp 162-171), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 627809950

Publisher

Springer

Link to the Ovid Full Text or citation:

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[SFX Link](#)

331.

Artificial intelligence in medical imaging: A radiomic guide to precision phenotyping of cardiovascular disease.

Oikonomou E.K., Siddique M., Antoniadou C.

Embase

Cardiovascular research. (no pagination), 2020. Date of Publication: 24 Feb 2020.

[Article]

AN: 631038027

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

332.

Learning physical properties in complex visual scenes: An intelligent machine for perceiving blood flow dynamics from static CT angiography imaging.

Gao Z., Wang X., Sun S., Wu D., Bai J., Yin Y., Liu X., Zhang H., de Albuquerque V.H.C.

Embase

Neural Networks. 123 (pp 82-93), 2020. Date of Publication: March 2020.

[Article]

AN: 2004175688

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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333.

Intravascular ultrasound-based machine learning for predicting fractional flow reserve in intermediate coronary artery lesions.

Lee J.-G., Ko J., Hae H., Kang S.-J., Kang D.-Y., Lee P.H., Ahn J.-M., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

Atherosclerosis. 292 (pp 171-177), 2020. Date of Publication: January 2020.

[Article]

AN: 2004076822

Publisher
Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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334.

Automated calcium scores collected during myocardial perfusion imaging improve identification of obstructive coronary artery disease.

Dekker M., Waissi F., Bank I.E.M., Lessmann N., Isgum I., Velthuis B.K., Scholtens A.M.,
Leenders G.E., Pasterkamp G., de Kleijn D.P.V., Timmers L., Mosterd A.

Embase

IJC Heart and Vasculature. 26 (no pagination), 2020. Article Number: 100434. Date of
Publication: February 2020.

[Article]

AN: 2003846650

Publisher

Elsevier Ireland Ltd (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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335.

Evaluation of Risk Prediction Models of Atrial Fibrillation (from the Multi-Ethnic Study of Atherosclerosis [MESA]).

Bundy J.D., Heckbert S.R., Chen L.Y., Lloyd-Jones D.M., Greenland P.

Embase

American Journal of Cardiology. (no pagination), 2019. Date of Publication: 2019.

[Article]

AN: 2003674651

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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336.

Improved Prediction of Drug-Induced Torsades de Pointes Through Simulations of Dynamics and Machine Learning Algorithms.

Lancaster M.C., Sobie E.A.

Embase

Clinical Pharmacology and Therapeutics. (no pagination), 2016. Date of Publication: 2016.

[Article In Press]

AN: 610547244

Publisher

Nature Publishing Group (Houndmills, Basingstoke, Hampshire RG21 6XS, United Kingdom)

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337.

Put a Strain on Secondary Mitral Regurgitation: Functional or Dysfunctional?.

Klein A.L., Wang T.K.M., Popovic Z.B.

Embase

Journal of the American College of Cardiology. 75 (7) (pp 759-762), 2020. Date of Publication: 25 February 2020.

[Editorial]

AN: 2004902563

Publisher

Elsevier USA

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338.

Evaluation of machine learning methodology for the prediction of healthcare resource utilization and healthcare costs in patients with critical limb ischemia-is preventive and personalized approach on the horizon?.

Berger J.S., Haskell L., Ting W., Lurie F., Chang S.-C., Mueller L.A., Elder K., Rich K., Crivera C., Schein J.R., Alas V.

Embase

EPMA Journal. 11 (1) (pp 53-64), 2020. Date of Publication: 01 Mar 2020.

[Article]

AN: 2004010731

Publisher

Springer

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Link to the External Link Resolver:

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339.

Assessing cardiovascular risks from a mid-thigh CT image: a tree-based machine learning approach using radiodensitometric distributions.

Ricciardi C., Edmunds K.J., Recenti M., Sigurdsson S., Gudnason V., Carraro U., Gargiulo P.

Embase

Scientific reports. 10 (1) (pp 2863), 2020. Date of Publication: 18 Feb 2020.

[Article]

AN: 631001612

Publisher

NLM (Medline)

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Link to the External Link Resolver:

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340.

A user interface for optimizing radiologist engagement in image data curation for artificial intelligence.

Demirer M., Candemir S., Bigelow M.T., Yu S.M., Gupta V., Prevedello L.M., White R.D., Yu J.S., Grimmer R., Wels M., Wimmer A., Halabi A.H., Ihsani A., O'Donnell T.P., Erdal B.S.

Embase

Radiology: Artificial Intelligence. 1 (6) (no pagination), 2019. Article Number: e180095. Date of Publication: November 2019.

[Article]

AN: 2003399874

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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341.

Prognostic methods of postoperative cognitive dysfunction in patients with ischemic heart disease after coronary bypass surgery under extracorporeal circulation.

Petrova M.M., Shprakh V.V., Kaskaeva D.S., Eremina O.V., Narkevich A.N., Eremina S.S.

Embase

Zhurnal Nevrologii i Psihiatrii imeni S.S. Korsakova. Part 2. 118 (12) (pp 81-86), 2018. Date of Publication: 2018.

[Article]

AN: 2003770559

Publisher

Media Sphera Publishing Group (46, Dmitrovskoe Shosse, Build. 2, Floor 4, Moscow 127238, Russian Federation. E-mail: mediashp@mediasphera.ru)

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342.

Sleep stage prediction with raw acceleration and photoplethysmography heart rate data derived from a consumer wearable device.

Walch O., Huang Y., Forger D., Goldstein C.

Embase

Sleep. 42 (12) (no pagination), 2019. Article Number: zsz180. Date of Publication: 01 Dec 2019.

[Article]

AN: 630889414

Publisher

Oxford University Press

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343.

Fully automated CT quantification of Epicardial adipose tissue by deep learning: A multicenter study.

Commandeur F., Goeller M., Razipour A., Cadet S., Hell M.M., Kwiecinski J., Chen X., Chang H.-J., Marwan M., Achenbach S., Berman D.S., Slomka P.J., Tamarappoo B.K., Dey D.

Embase

Radiology: Artificial Intelligence. 1 (6) (no pagination), 2019. Article Number: e190045. Date of Publication: November 2019.

[Article]

AN: 2003399867

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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344.

Evaluation of Significant Coronary Artery Disease Based on CT Fractional Flow Reserve and Plaque Characteristics Using Random Forest Analysis in Machine Learning.

Kawasaki T., Kidoh M., Kido T., Sueta D., Fujimoto S., Kumamaru K.K., Uetani T., Tanabe Y., Ueda T., Sakabe D., Oda S., Yamashiro T., Tsujita K., Kato S., Yuki H., Utsunomiya D.

Embase

Academic Radiology. (no pagination), 2020. Date of Publication: 2020.

[Article]

AN: 2004895399

Publisher

Elsevier USA

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345.

Detection of myocardial ischemia due to clinically asymptomatic coronary artery stenosis at rest using supervised artificial intelligence-enabled vectorcardiography - A five-fold cross validation of accuracy.

Braun T., Spiliopoulos S., Veltman C., Hergesell V., Passow A., Tenderich G., Borggrete M., Koerner M.M.

Embase

Journal of Electrocardiology. 59 (pp 100-105), 2020. Date of Publication: March - April 2020.

[Article]

AN: 2004855271

Publisher

Churchill Livingstone Inc.

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346.

Data-driven multivariate population subgrouping via lipoprotein phenotypes versus apolipoprotein B in the risk assessment of coronary heart disease.

Ohukainen P., Kuusisto S., Kettunen J., Perola M., Jarvelin M.-R., Makinen V.-P., Ala-Korpela M.

Embase

Atherosclerosis. 294 (pp 10-15), 2020. Date of Publication: February 2020.

[Article]

AN: 2004571070

Publisher

Elsevier Ireland Ltd

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347.

Automatic segmentation of left ventricular myocardium and scar from LGE-CMR images utilizing deep learning with weighted categorical cross entropy loss function weight initialization.

Jani V.P., Ostovaneh M.R., Chamera E., Lima J.A., Ambale-Venkates B.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630925799

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

348.

Inflammatory phenotypes of circulating leukocyte subsets are associated with increased mortality after transfemoral transcatheter aortic valve implantation.

Hoffmann J., Mas-Peiro S., Boeckling F., Rasper T., Berkowitsch A., Pieszko K., Fichtischerer S., Zeiher A.M., Dimmeier S., Vasa-Nicotera M.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630925074

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

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349.

Artificial intelligence trumps tavi2-score in predicting 1yr survival post post transcatheter aortic valve replacement.

Agasthi P., Mookadam F., Venepally N., Girardo M., Buras M., Khetarpal B.K., Eleid M., Greason K., Beohar N., Sweeney J., Fortuin F.D., Holmes D.R., Arsanjani R.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630924999

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

350.

Machine learning helps predict permanent pacemaker requirement post transcatheter aortic valve replacement.

Agasthi P., Mookadam F., Venepally N., Girardo M., Buras M., Khetarpal B.K., Mulpuru S.K., Eleid M., Greason K., Beohar N., Sweeney J., Fortuin F.D., Holmes D.R., Arsanjani R.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630924950

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

351.

Prediction of atherosclerotic cardiovascular disease risk using machine learning and electronic health record data.

Ward A., Sarraju A., Chung S., Palaniappan L., Scheinker D., Rodriguez F.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630923227

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

[SFX Link](#)

352.

Association of automated coronary artery calcium score on ecg-gated ct with future cardiac events: In romicat-ii and nlst.

Lu M.T., Zeleznik R., Foldyna B., Eslami P., Ivanov A., Weiss J., Taron J., Alvi R., Banerji D., Uno M., Kikuchi Y., Aerts J., Hoffmann U.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630923217

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

[SFX Link](#)

353.

Predictive ability of machine learning models for high-grade coronary artery disease using free fatty-acid metabolites.

McCubrey R.O., Le V.T., Watrous J., Najhawan M., Dao K., Horne B.D., Anderson J.L., Knowlton K.U., Jain M., Knight S.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630922944

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

354.

Precision cardiovascular medicine: A rapid and highly sensitive artificial intelligence-based integrated genetic-epigenetic dna test for 3-year risk for incident coronary heart disease.

Dogan M., Knight S., Lendasse A., Knowlton K.U., Philibert R.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630922510

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

355.

Machine learning predicts cardiovascular risk and cost burden after acute coronary syndromes.

Carvalho L.S.F., Gioppato S., Fernandez M.D., Trindade B.C., Quinaglia Silva J.C., Miranda R.G., Avila S., Sposito A.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630922429

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

356.

Treatment combinations for elderly patients and those with comorbidities after an acute myocardial infarction.

Polgreen L.A., Street N., Lee S.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630922382

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

357.

Machine learning-incorporated intravascular optical coherence tomography-fluorescence lifetime imaging (oct-flim) provides automated and comprehensive structural-biochemical characterization of coronary atherosclerotic plaques.

Kim S., Nam H.S., Kang W., Song J.W., Han J., Lee M.W., Park H.-S., Oh W.-Y., Yoo H., Kim J.W.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921989

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

358.

Augmenting the efficiency of ecg interpretation with artificial intelligence.

Mehta S., Escobar E., Fernandez F., Niklitschek S., Villagran C., Vera F., Rocuant R., Avila J., Cardenas G., Frauenfelder A., Vieira D., Pinto G., Pisana L., Mazzini J., Safie R., Munguia A., Cecilio E., Vallenilla I., Pena C., Aguilar J.S., Nogal G.D., Daher D.B., Cruz P., Cardenas J., Wood B., Vaid A.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921827

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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[SFX Link](#)

359.

Convolutional neural networks for interpretation of coronary angiography.

Lee P.C., Lee N., Pyo R.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921660

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

360.

Clinical and genetic determinants of heart failure: Optimized by machine learning and mendelian randomization.

Zhuang X., Liao L., Liao X.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921313

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

361.

A targeted plasma multi-marker approach with machine learning for risk stratification in hfpef: The topcat trial.

Chirinos J.A., Orlenko A., Zhao L., Basso M., Cvijic M.E., Li Z., Spires T., Yarde M., Wang Z., Seiffert D., Prenner S., Zamani P., Bhattacharya P.T., Kumar A., Margulies K., Zhang L., Car B., Gordon D.A., Moore J., Cappola T.P.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921188

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

362.

An inexpensive hematology counter-based risk model outperforms the atherosclerotic cardiovascular disease risk score in predicting incident acute coronary syndrome and stroke.

Truslow J., MacRae C.A., Deo R.C.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630921026

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

363.

CT angiography based fractional flow reserve compared to catheter-based stress diastolic fractional flow reserve in symptomatic patients with myocardial bridges.

Jubran A., Schnittger I., Tremmel J.A., Pargaonkar V.S., Rogers I.S., Becker C.H., Shengwen Y., Mastrodicasa D., Willeminck M.J., Fleischmann D., Nieman K.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630920634

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

364.

Machine learning of remodeled ventricular action potentials and long-term follow-up of ventricular arrhythmias.

Rogers A.J., Alhusseini M., Selvalingam A., Krummen D.E., Abuzaid F., Zaman J.A., Baykaner T., Clopton P., Bailis P., Zaharia M., Narayan S.M.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630920483

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

365.

Transfer learning for automated aortic segmentation and assessment of aortic mechanics in tetralogy of Fallot: Multi-ethnic study of atherosclerosis and the German competence network for congenital heart defects.

Jani V.P., Xie E., Shade J., Gaur L., Schuster A., Sarikouch S., Diller G.-P., Manlhiot C., Lima J.A., Ambale-Venkatesh B., Kutty S.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630920428

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

366.

Machine learning for prediction of cardiovascular outcomes in symptomatic outpatients with suspected coronary artery disease having coronary ct angiography: A secondary analysis of the promise trial.

Zhang L., Mayrhofer T., Foldyna B., Puchner S.B., Emami H., Bittner D., Meyersohn N., Puchner S., Ferencik M., Douglas P.S., Hoffmann U., Lu M.T.

Embase

Circulation. Conference: American Heart Association Scientific Sessions, AHA 2019. United States. 140 (Supplement 1) (no pagination), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 630920337

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

367.

Solving coronary risk: Time to feed machines some calcium (ScorE) supplements.

Sengupta P.P., Shrestha S., Zeb I.

Embase

European Heart Journal. 41 (3) (pp 368-370), 2020. Date of Publication: 14 Jan 2020.

[Editorial]

AN: 630823007

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

368.

Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: Analysis from the CONFIRM registry.

Al'Aref S.J., Maliakal G., Singh G., van Rosendael A.R., Ma X., Xu Z., Al Hussein Alawamlh O., Lee B., Pandey M., Achenbach S., Al-Mallah M.H., Andreini D., Bax J.J., Berman D.S., Budoff M.J., Cademartiri F., Callister T.Q., Chang H.-J., Chinnaiyan K., Chow B.J.W., Cury R.C., DeLago A., Feuchtner G., Hadamitzky M., Hausleiter J., Kaufmann P.A., Kim Y.-J., Leipsic J.A., Maffei E., Marques H., de Araujo Goncalves P., Pontone G., Raff G.L., Rubinshtein R., Villines T.C., Gransar H., Lu Y., Jones E.C., Pena J.M., Lin F.Y., Min J.K., Shaw L.J.

Embase

European Heart Journal. 41 (3) (pp 359-367), 2020. Date of Publication: 14 Jan 2020.

[Article]

AN: 630822999

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

369.

Chronic coronary syndromes: Expanding the spectrum and natural history of ischaemic heart disease.

Luscher T.F.

Embase

European Heart Journal. 41 (3) (pp 333-336), 2020. Date of Publication: 14 Jan 2020.

[Review]

AN: 630822772

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

370.

Deep learning for automated scar segmentation in CMR-LGE images.

Moccia S., Banali R., Muscogiuri G., Martini C., Pontone G., Pepi M., Caiani E.G.

Embase

European Heart Journal Cardiovascular Imaging. Conference: 22nd Annual Meeting of the European Association of Echocardiography, EUROECHO 2018. Italy. 20 (Supplement 1) (pp i1121), 2019. Date of Publication: January 2019.

[Conference Abstract]

AN: 630841055

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

371.

Phenomapping of patients with heart failure with preserved ejection fraction using machine learning-based unsupervised cluster analysis.

Segar M.W., Patel K.V., Ayers C., Basit M., Tang W.H.W., Willett D., Berry J., Grodin J.L., Pandey A.

Embase

European Journal of Heart Failure. 22 (1) (pp 148-158), 2020. Date of Publication: 01 Jan 2020.

[Article]

AN: 2003503289

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom.

E-mail: vgorayska@wiley.com)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

372.

Coronary artery calcium score quantification using a deep-learning algorithm.

Wang W., Wang H., Chen Q., Zhou Z., Wang R., Zhang N., Chen Y., Sun Z., Xu L.

Embase

Clinical Radiology. 75 (3) (pp 237.e11-237.e16), 2020. Date of Publication: March 2020.

[Article]

AN: 2003710686

Publisher

W.B. Saunders Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

373.

Social Support and Subclinical Coronary Artery Disease in Middle-Aged Men and Women:
Findings from the Pilot of Swedish CArdioPulmonary bioImage Study.

Djekic D., Fagman E., Angeras O., Lappas G., Toren K., Bergstrom G., Rosengren A.

Embase

International journal of environmental research and public health. 17 (3) (no pagination), 2020.

Date of Publication: 27 Jan 2020.

[Article]

AN: 630812372

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

374.

Machine learning algorithm as a diagnostic tool for hypoadrenocorticism in dogs.

Reagan K.L., Reagan B.A., Gilor C.

Embase

Domestic Animal Endocrinology. 72 (no pagination), 2020. Article Number: 106396. Date of

Publication: July 2020.

[Article]

AN: 2004759202

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

375.

Automated plaque characterization using deep learning on coronary intravascular optical coherence tomographic images.

Lee J., Prabhu D., Kolluru C., Gharaibeh Y., Zimin V.N., Bezerra H.G., Wilson D.L.

Embase

Biomedical Optics Express. 10 (12) (pp 6497-6515), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 2004815724

Publisher

OSA - The Optical Society (E-mail: custserv@osa.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

376.

Evaluation of a Deep Learning-Based Automated CT Coronary Artery Calcium Scoring Algorithm.
Martin S.S., van Assen M., Rapaka S., Hudson H.T., Fischer A.M., Varga-Szemes A., Sahbaee
P., Schwemmer C., Gulsun M.A., Cimen S., Sharma P., Vogl T.J., Schoepf U.J.

Embase

JACC: Cardiovascular Imaging. Part 1. 13 (2) (pp 524-526), 2020. Date of Publication: February
2020.

[Letter]

AN: 2004683912

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

377.

Bicuspid Aortic Valve Stenosis and Simulation: A Marriage of Convenience or Necessity?.

Giri J., Fiorilli P.N.

Embase

JACC: Cardiovascular Interventions. 13 (2) (pp 193-195), 2020. Date of Publication: 27 January
2020.

[Editorial]

AN: 2004556184

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

378.

Predicting major neurologic improvement and long-term outcome after thrombolysis using artificial neural networks.

Chung C.-C., Hong C.-T., Huang Y.-H., Su E.C.-Y., Chan L., Hu C.-J., Chiu H.-W.

Embase

Journal of the Neurological Sciences. 410 (no pagination), 2020. Article Number: 116667. Date of Publication: 15 March 2020.

[Article]

AN: 2004675710

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

379.

Artificial plant optimization algorithm to detect heart rate & presence of heart disease using machine learning.

Sharma P., Choudhary K., Gupta K., Chawla R., Gupta D., Sharma A.

Embase

Artificial Intelligence in Medicine. 102 (no pagination), 2020. Article Number: 101752. Date of Publication: January 2020.

[Article]

AN: 2003907682

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

380.

A modular cluster based collaborative recommender system for cardiac patients.

Mustaqeem A., Anwar S.M., Majid M.

Embase

Artificial Intelligence in Medicine. 102 (no pagination), 2020. Article Number: 101761. Date of Publication: January 2020.

[Article]

AN: 2003881090

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

381.

Motion-corrected coronary calcium scores by a convolutional neural network: a robotic simulating study.

Zhang Y., van der Werf N.R., Jiang B., van Hamersvelt R., Greuter M.J.W., Xie X.

Embase

European Radiology. 30 (2) (pp 1285-1294), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 2003522511

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

382.

Diagnostic performance of perivascular fat attenuation index to predict hemodynamic significance of coronary stenosis: a preliminary coronary computed tomography angiography study.

Yu M., Dai X., Deng J., Lu Z., Shen C., Zhang J.

Embase

European Radiology. 30 (2) (pp 673-681), 2020. Date of Publication: 01 Feb 2020.

[Article]

AN: 2002667080

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

383.

Ct-angiography Based Fractional Flow Reserve Compared To Catheter-based, Dobutamine-stress Diastolic Fractional Flow Reserve In Symptomatic Patients With Myocardial Bridges.

Jubran A., Schnittger I., Tremmel J., Vedant P., Rogers I., Becker H.-C., Yang S., Mastrodicasa D., Willemink M.J., Fleischmann D., Nieman K.

Embase

Journal of Cardiovascular Computed Tomography. Conference: SCCT 2020 Winter Meeting.

Israel. 14 (1 Supplement) (pp S3), 2020. Date of Publication: January - February 2020.

[Conference Abstract]

AN: 2004614755

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

384.

Validation Of Deep-learning Image Reconstruction For Coronary Computed Tomography Angiography: Impact On Noise, Image Quality And Diagnostic Accuracy.

Benz D.C., Benetos G., Rampidis G., Kaufmann P., Buechel R.

Embase

Journal of Cardiovascular Computed Tomography. Conference: SCCT 2020 Winter Meeting.

Israel. 14 (1 Supplement) (pp S5), 2020. Date of Publication: January - February 2020.

[Conference Abstract]

AN: 2004614516

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

385.

Physiological Assessment of Coronary Lesions in 2020.

Chowdhury M., Osborn E.A.

Embase

Current Treatment Options in Cardiovascular Medicine. 22 (1) (no pagination), 2020. Article

Number: 2. Date of Publication: 01 Jan 2020.

[Review]

AN: 2004058726

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

386.

Fully Automated Segmentation of Left Ventricular Scar from 3D Late Gadolinium Enhancement Magnetic Resonance Imaging Using a Cascaded Multi-Planar U-Net (CMPU-Net).

Zabihollahy F., Rajchl M., White A.J., Ukwatta E.

Embase

Medical physics. (no pagination), 2020. Date of Publication: 18 Jan 2020.

[Article]

AN: 630661259

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

387.

Performance of a deep learning algorithm for the evaluation of CAD-RADS classification with CCTA.

Muscogiuri G., Chiesa M., Trotta M., Gatti M., Palmisano V., Dell'Aversana S., Baessato F., Cavaliere A., Cicala G., Loffreno A., Rizzon G., Guglielmo M., Baggiano A., Fusini L., Saba L., Andreini D., Pepi M., Rabbat M.G., Guaricci A.I., De Cecco C.N., Colombo G., Pontone G.

Embase

Atherosclerosis. 294 (pp 25-32), 2020. Date of Publication: February 2020.

[Article]

AN: 2004592792

Publisher
Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

388.

Treating health disparities with artificial intelligence.

Chen I.Y., Joshi S., Ghassemi M.

Embase

Nature Medicine. 26 (1) (pp 16-17), 2020. Date of Publication: 01 Jan 2020.

[Note]

AN: 2004054316

Publisher

Nature Research

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

389.

Synthetic PPG generation from haemodynamic model with baroreflex autoregulation: a Digital twin of cardiovascular system.

Mazumder O., Roy D., Bhattacharya S., Sinha A., Pal A.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2019 (pp 5024-5029), 2019. Date of Publication: 01 Jul 2019.

[Article]

AN: 630653043

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

390.

Site specific prediction of atherosclerotic plaque progression using computational biomechanics and machine learning.

Kigka V.I., Sakellarios A.I., Tsompou P., Kyriakidis S., Siogkas P., Andrikos I., Michalis L.K., Fotiadis D.I.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2019 (pp 6998-7001), 2019. Date of Publication: 01 Jul 2019.

[Article]

AN: 630652989

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

391.

Hybrid Neural Networks for Mortality Prediction from LDCT Images.

Yan P., Guo H., Wang G., Man R., Kalra M.K.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2019 (pp 6243-6246), 2019. Date of Publication: 01 Jul 2019.

[Article]

AN: 630652957

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

392.

Learning-based Parameter Estimation for Hysteresis Modeling in Robotic Catheterization.

Omisoro O.M., Han S., Zhou T., Al-Handarish Y., Du W., Ivanov K., Wang L.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2019 (pp 5399-5402), 2019. Date of Publication: 01 Jul 2019.

[Article]

AN: 630652943

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

393.

Automated detection of vulnerable plaque in intravascular ultrasound images.

Jun T.J., Kang S.-J., Lee J.-G., Kweon J., Na W., Kang D., Kim D., Kim Y.-H.

Embase

Medical and Biological Engineering and Computing. 57 (4) (pp 863-876), 2019. Date of Publication: 11 Apr 2019.

[Article]

AN: 624995670

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

394.

Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms.

Vallee A., Cinaud A., Protogerou A., Zhang Y., Topouchian J., Safar M.E., Blacher J.

Embase

Current Hypertension Reports. 22 (1) (no pagination), 2020. Article Number: 5. Date of Publication: 01 Jan 2020.

[Review]

AN: 2004045239

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

395.

Advanced atherosclerosis imaging by CT: Radiomics, machine learning and deep learning.

Kolossvary M., De Cecco C.N., Feuchtner G., Maurovich-Horvat P.

Embase

Journal of Cardiovascular Computed Tomography. 13 (5) (pp 274-280), 2019. Date of Publication: September - October 2019.

[Review]

AN: 2001863491

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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396.

Analysis of prognostic factors on overall survival in elderly women treated for early breast cancer using data mining and machine learning.

Heudel P., Hooijenga D., Phan R., Augusto V., Xie X., Terret C., Faure C., Racadot S., Tredan O., Bachelot T.

Embase

Annals of Oncology. Conference: 44th Congress of European Society for Medical Oncology, ESMO 2019. Spain. 30 (Supplement 5) (pp v580-v581), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630607452

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

397.

CORONARY HEART DISEASE DETECTION USING NONLINEAR FEATURES and ONLINE SEQUENTIAL EXTREME LEARNING MACHINE.

Saxena S., Gupta V.K., Hrisheekesha P.N.

Embase

Biomedical Engineering - Applications, Basis and Communications. 31 (6) (no pagination), 2019.

Article Number: 1950046. Date of Publication: 01 Dec 2019.

[Article]

AN: 629817483

Publisher

World Scientific Publishing Co. Pte Ltd (E-mail: wspc@wspc.com.sg)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

398.

Coronary calcification segmentation in intravascular OCT images using deep learning: Application to calcification scoring.

Gharaibeh Y., Prabhu D., Kolluru C., Lee J., Zimin V., Bezerra H., Wilson D.

Embase

Journal of Medical Imaging. 6 (4) (no pagination), 2019. Article Number: 045002. Date of Publication: 01 Oct 2019.

[Article]

AN: 630451546

Publisher

SPIE (E-mail: spie@spie.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

399.

Status of glycosylated hemoglobin and prediction of glycemic control among patients with insulin-treated type 2 diabetes in North China: a multicenter observational study.

Wang J., Wang M.-Y., Wang H., Liu H.-W., Lu R., Duan T.-Q., Li C.-P., Cui Z., Liu Y.-Y., Lyu Y.-J., Ma J.

Embase

Chinese medical journal. 133 (1) (pp 17-24), 2020. Date of Publication: 05 Jan 2020.

[Article]

AN: 630590787

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

400.

Computed Tomography-Derived Fractional Flow Reserve: A Needed ADVANCE or Expensive Nicety?.

Villines T.C.

Embase

JACC: Cardiovascular Imaging. Part 1. 13 (1) (pp 106-108), 2020. Date of Publication: January 2020.

[Editorial]

AN: 2004374003

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

401.

Greasing the skids: Deep learning for fully automated quantification of Epicardial fat.

Schoepf U.J., Abadia A.F.

Embase

Radiology: Artificial Intelligence. 1 (6) (no pagination), 2019. Article Number: e190140. Date of Publication: November 2019.

[Note]

AN: 2003399868

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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[SFX Link](#)

402.

The Lancet-CAMS Health Summit, 2019.

Anonymous

Embase

The Lancet. Conference: The Lancet-CAMS Health Summit, 2019. China. 394 (Supplement 1) (pp S1-S98), 2019. Date of Publication: October 2019.

[Conference Review]

AN: 2004564871

Publisher

Lancet Publishing Group

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

403.

Discriminative neural network for coronary heart disease detection.

Gu X., Jiang Y., Ni T.

Embase

Journal of Medical Imaging and Health Informatics. 10 (2) (pp 463-468), 2020. Date of Publication: 2020.

[Article]

AN: 2004327904

Publisher

American Scientific Publishers (E-mail: order@aspbs.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

404.

Nursing research on patients with hypertensive intracerebral hemorrhage based on fuzzy neural network related algorithm under postural adjustment.

Qu D., Ding C.

Embase

Journal of Medical Imaging and Health Informatics. 10 (2) (pp 422-427), 2020. Date of Publication: 2020.

[Article]

AN: 2004327897

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American Scientific Publishers (E-mail: order@aspbs.com)

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[SFX Link](#)

405.

The Changing Landscape of Treatment for Aortic Stenosis: Continuing to Push the Boundaries.

Reddy Y.N.V., Nishimura R.A.

Embase

Mayo Clinic Proceedings. 95 (1) (pp 9-11), 2020. Date of Publication: January 2020.

[Editorial]

AN: 2004352529

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

406.

An automatic diagnostic system of coronary artery lesions in Kawasaki disease using intravascular optical coherence tomography imaging.

Abdolmanafi A., Cheriet F., Duong L., Ibrahim R., Dahdah N.

Embase

Journal of biophotonics. 13 (1) (pp e201900112), 2020. Date of Publication: 01 Jan 2020.

[Article]

AN: 629109036

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

407.

Deep Learning in Quantitative PET Myocardial Perfusion Imaging: A Study on Cardiovascular Event Prediction.

Juarez-Orozco L.E., Martinez-Manzanera O., van der Zant F.M., Knol R.J.J., Knuuti J.

Embase

JACC: Cardiovascular Imaging. Part 1. 13 (1) (pp 180-182), 2020. Date of Publication: January 2020.

[Letter]

AN: 2003313041

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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408.

Novel dynamin-related protein 1 GTPase inhibitor prevents myocardial ischemia-reperfusion injury.

Wu D., Dasgupta A., Chen K., Hurst T., Neuber-Hess M., Martin A., Mewburn J., Lima P.D.A., Wells M., Snieckus V., Archer S.L.

Embase

American Journal of Respiratory and Critical Care Medicine. Conference: 2019 International Conference of the American Thoracic Society , ATS 2019. United States. 199 (9) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 630352543

Publisher
American Thoracic Society

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

409.

Risk Prediction in Heart Failure: New Methods, Old Problems.

Gottdiener J.S., Fohner A.E.

Embase

JACC: Heart Failure. 8 (1) (pp 22-24), 2020. Date of Publication: January 2020.

[Editorial]

AN: 2004287570

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

410.

Automated Spectral Doppler Profile Tracing.

Gosling A.F., Thalappillil R., Ortoleva J., Datta P., Cobey F.C.

Embase

Journal of Cardiothoracic and Vascular Anesthesia. 34 (1) (pp 72-76), 2020. Date of Publication:
January 2020.

[Article]

AN: 2002555309

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

411.

Artificial Intelligence for the Measurement of the Aortic Valve Annulus.

Thalappillil R., Datta P., Datta S., Zhan Y., Wells S., Mahmood F., Cobey F.C.

Embase

Journal of Cardiothoracic and Vascular Anesthesia. 34 (1) (pp 65-71), 2020. Date of Publication:
January 2020.

[Article]

AN: 2002371487

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

412.

A look back: Diagnosing myocardial infarction in the era of high-sensitivity troponin after the High-STEACS trial.

Anand A., Mills N.L.

Embase

Cardiovascular Research. 115 (14) (pp e158-e160), 2019. Date of Publication: 01 Dec 2019.

[Note]

AN: 630191005

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

413.

Machine Learning-based Algorithm Enables the Exclusion of Obstructive Coronary Artery Disease in the Patients Who Underwent Coronary Artery Calcium Scoring.

Glowacki J., Kryszynski M., Czaja-Ziolkowska M., Wasilewski J.

Embase

Academic Radiology. (no pagination), 2019. Date of Publication: 2019.

[Article]

AN: 2004217625

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

414.

Progress in Cardiovascular Imaging.

Shaw L., Chandrashekhar Y.

Embase

JACC: Cardiovascular Imaging. 12 (12) (pp 2589-2610), 2019. Date of Publication: December 2019.

[Review]

AN: 2003911142

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

415.

A Cascaded Convolutional Neural Network for Assessing Signal Quality of Dynamic ECG.

Zhang Q., Fu L., Gu L.

Embase

Computational and Mathematical Methods in Medicine. 2019 (no pagination), 2019. Article Number: 7095137. Date of Publication: 2019.

[Article]

AN: 2003712330

Publisher

Hindawi Limited (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

416.

20th Annual Feigenbaum Lecture: Echocardiography for Precision Medicine-Digital Biopsy to Deconstruct Biology.

Shah S.J.

Embase

Journal of the American Society of Echocardiography. 32 (11) (pp 1379-1395.e2), 2019. Date of Publication: November 2019.

[Article]

AN: 2003459155

Publisher

Mosby Inc. (E-mail: customerservice@mosby.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

417.

Preface on advances in hemodynamic monitoring in perioperative medicine.

Scheeren T.W.L., Saugel B.

Embase

Best Practice and Research: Clinical Anaesthesiology. 33 (2) (pp 125-126), 2019. Date of Publication: June 2019.

[Editorial]

AN: 2003121766

Publisher

Bailliere Tindall Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

418.

Leveraging implicit expert knowledge for non-circular machine learning in sepsis prediction.

Schamoni S., Lindner H.A., Schneider-Lindner V., Thiel M., Riezler S.

Embase

Artificial Intelligence in Medicine. 100 (no pagination), 2019. Article Number: 101725. Date of Publication: September 2019.

[Article]

AN: 2002952372

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

419.

Automated plaque classification using computed tomography angiography and Gabor transformations.

Rajendra Acharya U., Meiburger K.M., Wei Koh J.E., Vignes J., Ciaccio E.J., Shu Lih O., Tan S.K., Aman R.R.A.R., Molinari F., Ng K.H.

Embase

Artificial Intelligence in Medicine. 100 (no pagination), 2019. Article Number: 101724. Date of Publication: September 2019.

[Article]

AN: 2002946321

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

420.

Bragatston study protocol: A multicentre cohort study on automated quantification of cardiovascular calcifications on radiotherapy planning CT scans for cardiovascular risk prediction in patients with breast cancer.

Emaus M.J., Isgum I., Van Velzen S.G.M., Van Den Bongard H.J.G.D., Gernaat S.A.M., Lessmann N., Sattler M.G.A., Teske A.J., Penninkhof J., Meijer H., Pignol J.-P., Verkooijen H.M.

Embase

BMJ Open. 9 (7) (no pagination), 2019. Article Number: e028752. Date of Publication: 01 Jul 2019.

[Article]

AN: 628724957

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

421.

Weakly supervised classification of aortic valve malformations using unlabeled cardiac MRI sequences.

Fries J.A., Varma P., Chen V.S., Xiao K., Tejeda H., Saha P., Dunnmon J., Chubb H., Maskatia S., Fiterau M., Delp S., Ashley E., Re C., Priest J.R.

Embase

Nature Communications. 10 (1) (no pagination), 2019. Article Number: 3111. Date of Publication: 01 Dec 2019.

[Article]

AN: 628523921

Publisher

Nature Publishing Group (Houndmills, Basingstoke, Hampshire RG21 6XS, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

422.

Screening mammography beyond breast cancer: breast arterial calcifications as a sex-specific biomarker of cardiovascular risk.

Trimboli R.M., Codari M., Guazzi M., Sardanelli F.

Embase

European Journal of Radiology. 119 (no pagination), 2019. Article Number: 108636. Date of Publication: October 2019.

[Review]

AN: 2002776652

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

423.

Bringing machine learning to the masses.

Hutson M.

Embase

Science. 365 (6452) (pp 416-417), 2019. Date of Publication: 02 Aug 2019.

[Short Survey]

AN: 2002550462

Publisher

American Association for the Advancement of Science

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

424.

Comparison of machine learning algorithms for clinical event prediction (risk of coronary heart disease).

Beunza J.-J., Puertas E., Garcia-Ovejero E., Villalba G., Condes E., Koleva G., Hurtado C., Landecho M.F.

Embase

Journal of Biomedical Informatics. 97 (no pagination), 2019. Article Number: 103257. Date of Publication: September 2019.

[Note]

AN: 2002499248

Publisher

Academic Press Inc. (E-mail: apjcs@harcourt.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

425.

Advanced Imaging Modalities to Monitor for Cardiotoxicity.

Seraphim A., Westwood M., Bhuvu A.N., Crake T., Moon J.C., Menezes L.J., Lloyd G., Ghosh A.K., Slater S., Oakervee H., Manisty C.H.

Embase

Current Treatment Options in Oncology. 20 (9) (no pagination), 2019. Article Number: 73. Date of Publication: 01 Sep 2019.

[Article]

AN: 2002442027

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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426.

The Current Role of Viability Imaging to Guide Revascularization and Therapy Decisions in Patients With Heart Failure and Reduced Left Ventricular Function.

Kandolin R.M., Wiefels C.C., Mesquita C.T., Chong A.-Y., Boland P., Glineur D., Sun L., Beanlands R.S., Mielniczuk L.M.

Embase

Canadian Journal of Cardiology. 35 (8) (pp 1015-1029), 2019. Date of Publication: August 2019.

[Review]

AN: 2002440910

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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427.

Echocardiography: Navigating Complexities to Provide Many Useful Applications in Contemporary Clinical Cardiology.

Gregory A.T., Stanton T., Thomas L., Selvanayagam J.B., Robert Denniss A.

Embase

Heart Lung and Circulation. 28 (9) (pp 1303-1306), 2019. Date of Publication: September 2019.

[Editorial]

AN: 2002383557

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

428.

Classification of Carotid Artery Intima Media Thickness Ultrasound Images with Deep Learning.

Savas S., Topaloglu N., Kazci O., Kosar P.N.

Embase

Journal of Medical Systems. 43 (8) (no pagination), 2019. Article Number: 273. Date of

Publication: 01 Aug 2019.

[Article]

AN: 2002261482

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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429.

Late-Breaking Science From the Heart Rhythm Society 2019.

Singh J., Wilber D.J.

Embase

JACC: Clinical Electrophysiology. 5 (7) (pp 877-880), 2019. Date of Publication: July 2019.

[Editorial]

AN: 2002219513

Publisher

Elsevier Inc

Link to the Ovid Full Text or citation:

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430.

A machine learning-based approach for predicting the outbreak of cardiovascular diseases in patients on dialysis.

Mezzatesta S., Torino C., De Meo P., Fiumara G., Vilasi A.

Embase

Computer Methods and Programs in Biomedicine. 177 (pp 9-15), 2019. Date of Publication: August 2019.

[Article]

AN: 2001974859

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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431.

Future of Echocardiography in Australia.

Marwick T.H.

Embase

Heart Lung and Circulation. 28 (9) (pp 1307-1309), 2019. Date of Publication: September 2019.

[Editorial]

AN: 2001597791

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

432.

Prognostic value of CT myocardial perfusion imaging and CT-derived fractional flow reserve for major adverse cardiac events in patients with coronary artery disease.

van Assen M., De Cecco C.N., Eid M., von Knebel Doeberitz P., Scarabello M., Lavra F., Bauer M.J., Mastrodicasa D., Duguay T.M., Zaki B., Lo G.G., Choe Y.H., Wang Y., Sahbaee P., Tesche C., Oudkerk M., Vliegenthart R., Schoepf U.J.

Embase

Journal of Cardiovascular Computed Tomography. 13 (3) (pp 26-33), 2019. Date of Publication: May - June 2019.

[Article]

AN: 2001590739

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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433.

Editorial commentary: The pleiotropic effect of statins on the atherosclerotic plaque and coronary heart disease.

Sakellarios A.I., Fotiadis D.I.

Embase

Trends in Cardiovascular Medicine. 29 (8) (pp 456-457), 2019. Date of Publication: November 2019.

[Editorial]

AN: 2001566139

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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434.

IVOCT Has a Bright Future in the Identification of Vulnerable Plaques.

Feldman M.D., Cabe A.G., Milner T.E.

Embase

JACC: Cardiovascular Imaging. 12 (8P1) (pp 1529-1531), 2019. Date of Publication: August 2019.

[Editorial]

AN: 2001331955

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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435.

Towards more Accessible Precision Medicine: Building a more Transferable Machine Learning Model to Support Prognostic Decisions for Micro- and Macrovascular Complications of Type 2 Diabetes Mellitus.

Kim E., Caraballo P.J., Castro M.R., Pieczkiewicz D.S., Simon G.J.

Embase

Journal of Medical Systems. 43 (7) (no pagination), 2019. Article Number: 185. Date of Publication: 01 Jul 2019.

[Article]

AN: 627726171

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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436.

Machine learning for prediction of sudden cardiac death in heart failure patients with low left ventricular ejection fraction: Study protocol for a retrospective multicentre registry in China.

Meng F., Zhang Z., Hou X., Qian Z., Chen Y., Wang Y., Zhou Y., Chen Z., Zhang X., Yang J., Zhang J., Guo J., Li K., Chen L., Zhuang R., Jiang H., Zhou W., Tang S., Wei Y., Zou J.

Embase

BMJ Open. 9 (5) (no pagination), 2019. Article Number: e023724. Date of Publication: 16 May 2019.

[Article]

AN: 627725495

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

437.

A Special Report on Changing Trends in Preventive Stroke/Cardiovascular Risk Assessment Via B-Mode Ultrasonography.

Jamthikar A., Gupta D., Khanna N.N., Araki T., Saba L., Nicolaidis A., Sharma A., Omerzu T., Suri H.S., Gupta A., Mavrogeni S., Turk M., Laird J.R., Protogerou A., Sfikakis P.P., Kitas G.D., Viswanathan V., Pareek G., Miner M., Suri J.S.

Embase

Current Atherosclerosis Reports. 21 (7) (no pagination), 2019. Article Number: 25. Date of Publication: 01 Jul 2019.

[Review]

AN: 627445214

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

438.

Detection of Left Ventricular Hypertrophy Using Bayesian Additive Regression Trees: The MESA.
Sparapani R., Dabbouseh N.M., Gutterman D., Zhang J., Chen H., Bluemke D.A., Lima J.A.C.,
Burke G.L., Soliman E.Z.

Embase

Journal of the American Heart Association. 8 (5) (no pagination), 2019. Article Number: e009959.

Date of Publication: 05 Mar 2019.

[Article]

AN: 627277600

Publisher

American Heart Association Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

439.

Artificial intelligence-augmented ECG assessment: The promise and the challenge.

Anderson K.P.

Embase

Journal of Cardiovascular Electrophysiology. 30 (5) (pp 675-678), 2019. Date of Publication: May
2019.

[Editorial]

AN: 626734186

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

440.

A Recurrent CNN for Automatic Detection and Classification of Coronary Artery Plaque and Stenosis in Coronary CT Angiography.

Zreik M., Van Hamersvelt R.W., Wolterink J.M., Leiner T., Viergever M.A., Isgum I.

Embase

IEEE Transactions on Medical Imaging. 38 (7) (pp 1588-1598), 2019. Article Number: 8550784.

Date of Publication: July 2019.

[Article]

AN: 625321787

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

441.

Intra-slice motion correction of intravascular OCT images using deep features.

Abdolmanafi A., Duong L., Dahdah N., Cheriet F.

Embase

IEEE Journal of Biomedical and Health Informatics. 23 (3) (pp 931-941), 2019. Article Number: 8516296. Date of Publication: May 2019.

[Article]

AN: 624741571

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

442.

Magnetocardiography-Based Ischemic Heart Disease Detection and Localization Using Machine Learning Methods.

Tao R., Zhang S., Huang X., Tao M., Ma J., Ma S., Zhang C., Zhang T., Tang F., Lu J., Shen C., Xie X.

Embase

IEEE Transactions on Biomedical Engineering. 66 (6) (pp 1658-1667), 2019. Article Number: 8502863. Date of Publication: June 2019.

[Article]

AN: 624664913

Publisher

IEEE Computer Society (E-mail: help@computer.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

443.

Machine learning-based coronary artery disease diagnosis: A comprehensive review.

Alizadehsani R., Abdar M., Roshanzamir M., Khosravi A., Kebria P.M., Khozeimeh F., Nahavandi S., Sarrafzadegan N., Acharya U.R.

Embase

Computers in Biology and Medicine. 111 (no pagination), 2019. Article Number: 103346. Date of Publication: August 2019.

[Review]

AN: 2002232987

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

444.

Electrolytes and the ECG Intervals: Big Data and Little Insight.

Olshansky B., Bhattacharya S.K.

Embase

Journal of the American College of Cardiology. 73 (24) (pp 3132-3134), 2019. Date of Publication: 25 June 2019.

[Editorial]

AN: 2002097917

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

445.

Long data from the electrocardiogram.

Quer G., Muse E.D., Topol E.J., Steinhubl S.R.

Embase

The Lancet. 393 (10187) (pp 2189), 2019. Date of Publication: 1 - 7 June 2019.

[Note]

AN: 2002036345

Publisher

Lancet Publishing Group (E-mail: cususerv@lancet.com)

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Link to the External Link Resolver:

[SFX Link](#)

446.

The Future of Cardiovascular Computed Tomography: Advanced Analytics and Clinical Insights.
Nicol E.D., Norgaard B.L., Blanke P., Ahmadi A., Weir-McCall J., Horvat P.M., Han K., Bax J.J.,
Leipsic J.

Embase

JACC: Cardiovascular Imaging. 12 (6) (pp 1058-1072), 2019. Date of Publication: June 2019.

[Review]

AN: 2002013544

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

[SFX Link](#)

447.

A neural network approach to classify carotid disorders from Heart Rate Variability analysis.

Verde L., De Pietro G.

Embase

Computers in Biology and Medicine. 109 (pp 226-234), 2019. Date of Publication: June 2019.

[Article]

AN: 2001941349

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

448.

Diagnostic performance of fractional flow reserve derived from coronary CT angiography for detection of lesion-specific ischemia: A multi-center study and meta-analysis.

Tang C.X., Wang Y.N., Zhou F., Schoepf U.J., Assen M.V., Stroud R.E., Li J.H., Zhang X.L., Lu M.J., Zhou C.S., Zhang D.M., Yi Y., Yan J., Lu G.M., Xu L., Zhang L.J.

Embase

European Journal of Radiology. 116 (pp 90-97), 2019. Date of Publication: July 2019.

[Article]

AN: 2001927945

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

449.

Excitatory effect of bradykinin on intrinsic neurons of the rat heart.

Arichi S., Sasaki-Hamada S., Kadoya Y., Ogata M., Ishibashi H.

Embase

Neuropeptides. 75 (pp 65-74), 2019. Date of Publication: June 2019.

[Article]

AN: 2001882479

Publisher

Churchill Livingstone

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

450.

Machine-learning integration of CT histogram analysis to evaluate the composition of atherosclerotic plaques: Validation with IB-IVUS.

Masuda T., Nakaura T., Funama Y., Okimoto T., Sato T., Higaki T., Noda N., Imada N., Baba Y., Awai K.

Embase

Journal of Cardiovascular Computed Tomography. 13 (2) (pp 163-169), 2019. Date of Publication: March - April 2019.

[Article]

AN: 2001212066

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

451.

Nuclear cardiology in the literature: A selection of recent, original research papers.

Malhotra S.

Embase

Journal of Nuclear Cardiology. 26 (2) (pp 363-365), 2019. Date of Publication: 15 Apr 2019.

[Review]

AN: 626254997

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

452.

Cardiovascular calcification: artificial intelligence and big data accelerate mechanistic discovery.

Rogers M.A., Aikawa E.

Embase

Nature Reviews Cardiology. 16 (5) (pp 261-274), 2019. Date of Publication: 01 May 2019.

[Review]

AN: 625410701

Publisher

Nature Publishing Group (Houndmills, Basingstoke, Hampshire RG21 6XS, United Kingdom)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

453.

Coronary CT angiography-derived plaque quantification with artificial intelligence CT fractional flow reserve for the identification of lesion-specific ischemia.

von Knebel Doeberitz P.L., De Cecco C.N., Schoepf U.J., Duguay T.M., Albrecht M.H., van Assen M., Bauer M.J., Savage R.H., Pannell J.T., De Santis D., Johnson A.A., Varga-Szemes A., Bayer R.R., Schonberg S.O., Nance J.W., Tesche C.

Embase

European Radiology. 29 (5) (pp 2378-2387), 2019. Date of Publication: 01 May 2019.

[Article]

AN: 625381776

Publisher

Springer Verlag (E-mail: service@springer.de)

Link to the Ovid Full Text or citation:

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454.

Outcome prediction with serial neuron-specific enolase and machine learning in anoxic-ischaemic disorders of consciousness.

Muller E., Shock J.P., Bender A., Kleeberger J., Hogen T., Rosenfelder M., Bah B., Lopez-Rolon A.

Embase

Computers in Biology and Medicine. 107 (pp 145-152), 2019. Date of Publication: April 2019.

[Article]

AN: 2001615304

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

455.

Artificially intelligent proteomics improves cardiovascular risk assessment.

Sze S.K.

Embase

EBioMedicine. 40 (pp 23-24), 2019. Date of Publication: February 2019.

[Note]

AN: 2001457121

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

456.

Predictive Modeling for Nonocclusive Mesenteric Ischemia.

Morris B.N., Sheehan M.K., Royster R.L.

Embase

Journal of Cardiothoracic and Vascular Anesthesia. 33 (5) (pp 1298-1300), 2019. Date of Publication: May 2019.

[Editorial]

AN: 2001287713

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

457.

Network Tomography for Understanding Phenotypic Presentations in Aortic Stenosis.

Casaclang-Verzosa G., Shrestha S., Khalil M.J., Cho J.S., Tokodi M., Balla S., Alkhouli M., Badhwar V., Narula J., Miller J.D., Sengupta P.P.

Embase

JACC: Cardiovascular Imaging. 12 (2) (pp 236-248), 2019. Date of Publication: February 2019.

[Article]

AN: 2001506612

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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458.

Precision Medicine for Aortic Stenosis: The Future of Cardiology Today.

Chandrashekhar Y.S., Johnson K.W.

Embase

JACC: Cardiovascular Imaging. 12 (2) (pp 249-251), 2019. Date of Publication: February 2019.

[Editorial]

AN: 2001506611

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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459.

Predictive value of targeted proteomics for coronary plaque morphology in patients with suspected coronary artery disease.

Bom M.J., Levin E., Driessen R.S., Danad I., Van Kuijk C.C., van Rossum A.C., Narula J., Min J.K., Leipsic J.A., Belo Pereira J.P., Taylor C.A., Nieuwdorp M., Raijmakers P.G., Koenig W., Groen A.K., Stroes E.S.G., Knaapen P.

Embase

EBioMedicine. 39 (pp 109-117), 2019. Date of Publication: January 2019.

[Article]

AN: 2001400370

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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460.

Comparison of the Diagnostic Performance of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve in Patients With Versus Without Diabetes Mellitus (from the MACHINE Consortium).

Nous F.M.A., Coenen A., Boersma E., Kim Y.-H., Kruk M.B.P., Tesche C., de Geer J., Yang D.H., Kepka C., Schoepf U.J., Persson A., Kurata A., Budde R.P.J., Nieman K.

Embase

American Journal of Cardiology. 123 (4) (pp 537-543), 2019. Date of Publication: 15 February 2019.

[Article]

AN: 2001373150

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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461.

Coronary CTA enhanced with CTA based FFR analysis provides higher diagnostic value than invasive coronary angiography in patients with intermediate coronary stenosis.

Wardziak L., Kruk M., Pleban W., Demkow M., Ruzyllo W., Dzielinska Z., Kepka C.

Embase

Journal of Cardiovascular Computed Tomography. 13 (1) (pp 62-67), 2019. Date of Publication: January - February 2019.

[Article]

AN: 2001164068

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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462.

The new age of radiomic risk profiling: Perivascular fat at the heart of the matter.

Bartelt A., Leipsic J., Weber C.

Embase

European Heart Journal. 40 (43) (pp 3544-3546), 2019. Date of Publication: 2019.

[Editorial]

AN: 630103577

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

463.

A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CTangiography.

Oikonomou E.K., Williams M.C., Kotanidis C.P., Desai M.Y., Marwan M., Antonopoulos A.S., Thomas K.E., Thomas S., Akoumianakis I., Fan L.M., Kesavan S., Herdman L., Alashi A., Centeno E.H., Lyasheva M., Griffin B.P., Flamm S.D., Shirodaria C., Sabharwal N., Kelion A., Dweck M.R., Van Beek E.J.R., Deanfield J., Hopewell J.C., Neubauer S., Channon K.M., Achenbach S., Newby D.E., Antoniades C.

Embase

European Heart Journal. 40 (43) (pp 3529-3543), 2019. Date of Publication: 2019.

[Article]

AN: 630103388

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

464.

Machine Learning Prediction of Response to Cardiac Resynchronization Therapy: Improvement Versus Current Guidelines.

Feeny A.K., Rickard J., Patel D., Toro S., Trulock K.M., Park C.J., Labarbera M.A., Varma N., Niebauer M.J., Sinha S., Gorodeski E.Z., Grimm R.A., Ji X., Barnard J., Madabhushi A., Spragg D.D., Chung M.K.

Embase

Circulation: Arrhythmia and Electrophysiology. 12 (7) (no pagination), 2019. Article Number: e007316. Date of Publication: 01 Jul 2019.

[Article]

AN: 629660524

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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465.

Application of artificial neural network analysis in the evaluation of cardiovascular risk in primary Sjogren's syndrome: A novel pathogenetic scenario?.

Bartoloni E., Baldini C., Ferro F., Alunno A., Carubbi F., Cafaro G., Bombardieri S., Gerli R., Grossi E.

Embase

Clinical and Experimental Rheumatology. 37 (Supplement3) (pp S133-S139), 2019. Date of Publication: 2019.

[Article]

AN: 629398529

Publisher

Clinical and Experimental Rheumatology S.A.S. (via Santa Maria 31, Pisa 56126, Italy. E-mail: info@clinexprheumatol.org)

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466.

EEG-based outcome prediction after cardiac arrest with convolutional neural networks:
Performance and visualization of discriminative features.

Jonas S., Rossetti A.O., Oddo M., Jenni S., Favaro P., Zubler F.

Embase

Human Brain Mapping. 40 (16) (pp 4606-4617), 2019. Date of Publication: 01 Nov 2019.

[Article]

AN: 628742777

Publisher

John Wiley and Sons Inc. (P.O.Box 18667, Newark NJ 07191-8667, United States)

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[SFX Link](#)

467.

Valve under the microscope: Shining a light on emerging technologies elucidating disease mechanisms.

Atkins S.K., Aikawa E.

Embase

Heart. 105 (21) (pp 1610-1611), 2019. Date of Publication: 01 Nov 2019.

[Editorial]

AN: 628573001

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

468.

Imaging advances in chronic obstructive pulmonary disease insights from the genetic epidemiology of chronic obstructive pulmonary disease (COPDGene) study.

Bhatt S.P., Washko G.R., Hoffman E.A., Newell J.D., Bodduluri S., Diaz A.A., Galban C.J., Silverman E.K., Jose Estepar R.S., Lynch D.A.

Embase

American Journal of Respiratory and Critical Care Medicine. 199 (3) (pp 286-301), 2019. Date of Publication: 01 Feb 2019.

[Review]

AN: 626206390

Publisher

American Thoracic Society (E-mail: malexander@thoracic.org)

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Link to the External Link Resolver:

[SFX Link](#)

469.

Prediction of cardiac death after adenosine myocardial perfusion SPECT based on machine learning.

Haro Alonso D., Wernick M.N., Yang Y., Germano G., Berman D.S., Slomka P.

Embase

Journal of Nuclear Cardiology. 26 (5) (pp 1746-1754), 2019. Date of Publication: 01 Oct 2019.

[Article]

AN: 621252175

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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[SFX Link](#)

470.

Machine Learning for Pretest Probability of Obstructive Coronary Stenosis in Symptomatic Patients.

Hou Z.-H., Lu B., Li Z.-N., An Y.-Q., Gao Y., Yin W.-H., Liang S., Zhang R.-G.

Embase

JACC: Cardiovascular Imaging. 12 (12) (pp 2584-2586), 2019. Date of Publication: December 2019.

[Letter]

AN: 2003911145

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

[SFX Link](#)

471.

Hemodynamically significant coronary stenosis: Detection with CT Myocardial Perfusion Imaging versus Machine Learning Coronary CT Fractional Flow Reserve.

Loewe C.

Embase

Radiology. 293 (2) (pp 315-316), 2019. Date of Publication: 2019.

[Editorial]

AN: 2003834658

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

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472.

Detection of hemodynamically significant coronary stenosis: CT Myocardial Perfusion versus Machine Learning CT Fractional Flow Reserve.

Li Y., Yu M., Dai X., Lu Z., Shen C., Wang Y., Lu B., Zhang J.

Embase

Radiology. 293 (2) (pp 305-314), 2019. Date of Publication: 2019.

[Article]

AN: 2003834657

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

473.

Advances in MRI Applications to Diagnose and Manage Cardiomyopathies.

Vajapey R., Eck B., Tang W., Kwon D.H.

Embase

Current Treatment Options in Cardiovascular Medicine. 21 (11) (no pagination), 2019. Article Number: 74. Date of Publication: 01 Nov 2019.

[Review]

AN: 2003752514

Publisher

Springer

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

474.

Automated Detection of Vulnerable Plaque for Intravascular Optical Coherence Tomography Images.

Liu R., Zhang Y., Zheng Y., Liu Y., Zhao Y., Yi L.

Embase

Cardiovascular Engineering and Technology. 10 (4) (pp 590-603), 2019. Date of Publication: 01 Dec 2019.

[Article]

AN: 2003452405

Publisher

Springer

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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475.

Phonocardiogram classification using deep convolutional neural networks with majority vote strategy.

Chen W., Sun Q., Wang J., Wu H., Zhou H., Li H., Shen H., Xu C.

Embase

Journal of Medical Imaging and Health Informatics. 9 (8) (pp 1692-1704), 2019. Date of Publication: 2019.

[Article]

AN: 2003302826

Publisher

American Scientific Publishers (E-mail: order@aspbs.com)

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476.

Computational models and neural nets: Fantastic models-Where to find them and how to identify them.

Wierzbicki A.S., Reynolds T.M.

Embase

International Journal of Clinical Practice. 73 (10) (no pagination), 2019. Article Number: e13391.

Date of Publication: 01 Oct 2019.

[Editorial]

AN: 2003197675

Publisher

Blackwell Publishing Ltd

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477.

Assessment of therapy compliance among patients with effort angina in clinical practice (prediction model).

Farkhadovna T.N., Khusainovna T.R., Akramovich I.A., Davlatovich K.R.

Embase

International Journal of Pharmaceutical Research. 11 (3) (pp 185-187), 2019. Date of Publication: September 2019.

[Article]

AN: 2002768274

Publisher

Advanced Scientific Research

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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478.

Impact of Coronary Computerized Tomography Angiography-Derived Plaque Quantification and Machine-Learning Computerized Tomography Fractional Flow Reserve on Adverse Cardiac Outcome.

von Knebel Doeberitz P.L., De Cecco C.N., Schoepf U.J., Albrecht M.H., van Assen M., De Santis D., Gaskins J., Martin S., Bauer M.J., Ebersberger U., Giovagnoli D.A., Varga-Szemes A., Bayer R.R., Schonberg S.O., Tesche C.

Embase

American Journal of Cardiology. 124 (9) (pp 1340-1348), 2019. Date of Publication: 1 November 2019.

[Article]

AN: 2002753176

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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479.

"Drugs Do Not Work on Patients Who Do Not Take Them" Can We Do Better in Patient Adherence?.

BROWN K.J., GAGGIN H.K.

Embase

Journal of Cardiac Failure. 25 (5) (pp 352-354), 2019. Date of Publication: May 2019.

[Editorial]

AN: 2001987306

Publisher

Churchill Livingstone Inc.

Link to the Ovid Full Text or citation:

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480.

Artificial intelligence machine learning-based coronary CT fractional flow reserve (CT-FFRML):
Impact of iterative and filtered back projection reconstruction techniques.

Mastrodicasa D., Albrecht M.H., Schoepf U.J., Varga-Szemes A., Jacobs B.E., Gassenmaier S.,
De Santis D., Eid M.H., van Assen M., Tesche C., Mantini C., De Cecco C.N.

Embase

Journal of Cardiovascular Computed Tomography. 13 (6) (pp 331-335), 2019. Date of
Publication: November - December 2019.

[Article]

AN: 2001231049

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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481.

Coronary artery centerline extraction in cardiac CT angiography using a CNN-based orientation
classifier.

Wolterink J.M., Hamersvelt R.W.V., Viergever M.A., Leiner T., Isgum I.

Embase

Medical Image Analysis. 51 (pp 46-60), 2019. Date of Publication: January 2019.

[Article]

AN: 2001229555

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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482.

Biobanking for discovery of novel cardiovascular biomarkers using imaging-quantified disease burden: Protocol for the longitudinal, prospective, BioHEART-CT cohort study.

Kott K.A., Vernon S.T., Hansen T., Yu C., Bubb K.J., Coffey S., Sullivan D., Yang J., O'Sullivan J., Chow C., Patel S., Chong J., Celermajer D.S., Kritharides L., Grieve S.M., Figtree G.A.

Embase

BMJ Open. 9 (9) (no pagination), 2019. Article Number: e028649. Date of Publication: 01 Sep 2019.

[Article]

AN: 629373610

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

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[SFX Link](#)

483.

How precision medicine and screening with big data could increase overdiagnosis.

Vogt H., Green S., Ekstrom C.T., Brodersen J.

Embase

The BMJ. 366 (no pagination), 2019. Article Number: I5270. Date of Publication: 2019.

[Article]

AN: 629326720

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

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484.

Predicting Inpatient Length of Stay after Brain Tumor Surgery: Developing Machine Learning Ensembles to Improve Predictive Performance.

Muhlestein W.E., Akagi D.S., Davies J.M., Chambless L.B.

Embase

Clinical Neurosurgery. 85 (3) (pp 384-393), 2019. Article Number: nyy343. Date of Publication: 01 Sep 2019.

[Article]

AN: 629247063

Publisher

Oxford University Press

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Link to the External Link Resolver:

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485.

Editorial: Recent Advances in Understanding the Basic Mechanisms of Atrial Fibrillation Using Novel Computational Approaches.

Zhao J., Aslanidi O., Kuklik P., Lee G., Tse G., Niederer S., Vigmond E.J.

Embase

Frontiers in Physiology. 10 (no pagination), 2019. Article Number: 1065. Date of Publication: 20 Aug 2019.

[Editorial]

AN: 629241546

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

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Link to the External Link Resolver:

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486.

Deep learning for cardiovascular medicine: A practical primer.

Krittanawong C., Johnson K.W., Rosenson R.S., Wang Z., Aydar M., Baber U., Min J.K., Wilson Tang W.H., Halperin J.L., Narayan S.M.

Embase

European Heart Journal. 40 (25) (pp 2058-2069C), 2019. Date of Publication: 2019.

[Review]

AN: 629033750

Publisher
Oxford University Press

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Link to the External Link Resolver:
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487.

Long-Term Exposure to Elevated Systolic Blood Pressure in Predicting Incident Cardiovascular Disease: Evidence From Large-Scale Routine Electronic Health Records.

Ayala Solares J.R., Canoy D., Raimondi F.E.D., Zhu Y., Hassaine A., Salimi-Khorshidi G., Tran J., Copland E., Zottoli M., Pinho-Gomes A.-C., Nazarzadeh M., Rahimi K.

Embase

Journal of the American Heart Association. 8 (12) (no pagination), 2019. Article Number: e012129. Date of Publication: 2019.

[Article]

AN: 628840624

Publisher

American Heart Association Inc.

Link to the Ovid Full Text or citation:
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Link to the External Link Resolver:
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488.

Clinical applications of machine learning in cardiovascular disease and its relevance to cardiac imaging.

Al'Aref S.J., Anchouche K., Singh G., Slomka P.J., Kolli K.K., Kumar A., Pandey M., Maliakal G., Van Rosendael A.R., Beecy A.N., Berman D.S., Leipsic J., Nieman K., Andreini D., Pontone G., Schoepf U.J., Shaw L.J., Chang H.-J., Narula J., Bax J.J., Guan Y., Min J.K.

Embase

European Heart Journal. 40 (24) (pp 1975-1986), 2019. Date of Publication: 21 Jun 2019.

[Review]

AN: 628411128

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

489.

Refining the management of acute coronary and aortic syndromes.

Luscher T.F.

Embase

European Heart Journal. 40 (24) (pp 1893-1897), 2019. Date of Publication: 21 Jun 2019.

[Article]

AN: 628410022

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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490.

Risk prediction tools in cardiovascular disease prevention: A report from the ESC Prevention of CVD Programme led by the European Association of Preventive Cardiology (EAPC) in collaboration with the Acute Cardiovascular Care Association (ACCA) and the Association of Cardiovascular Nursing and Allied Professions (ACNAP).

Rossello X., Dorresteijn J.A.N., Janssen A., Lambrinou E., Scherrenberg M., Bonnefoy-Cudraz E., Cobain M., Piepoli M.F., Visseren F.L.J., Dendale P.

Embase

European Journal of Preventive Cardiology. 26 (14) (pp 1534-1544), 2019. Date of Publication: 01 Sep 2019.

[Article]

AN: 628375153

Publisher

SAGE Publications Inc. (E-mail: claims@sagepub.com)

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Link to the External Link Resolver:

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491.

Computer-based intrapartum fetal monitoring and beyond: A review of the 2nd Workshop on Signal Processing and Monitoring in Labor (October 2017, Oxford, UK).

Georgieva A., Abry P., Chudacek V., Djuric P.M., Frasc M.G., Kok R., Lear C.A., Lemmens S.N., Nunes I., Papageorghiou A.T., Quirk G.J., Redman C.W.G., Schifrin B., Spilka J., Ugwumadu A., Vullings R.

Embase

Acta Obstetricia et Gynecologica Scandinavica. 98 (9) (pp 1207-1217), 2019. Date of Publication: 2019.

[Conference Paper]

AN: 628307016

Publisher

Wiley-Blackwell (E-mail: info@wiley.com)

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Link to the External Link Resolver:

[SFX Link](#)

492.

Augmented intelligence improves stroke risk prediction in atrial fibrillation.

DeSimone C.V., Deshmukh A.J.

Embase

Journal of Cardiovascular Electrophysiology. 30 (9) (pp 1462-1463), 2019. Date of Publication: 01 Sep 2019.

[Editorial]

AN: 628306970

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

493.

How to implant the Jarvik 2000 post-auricular driveline: evolution to a novel technique.

Carrozzini M., Bejko J., Gregori D., Gerosa G., Bottio T.

Embase

Journal of Artificial Organs. 22 (3) (pp 188-193), 2019. Date of Publication: 13 Sep 2019.

[Article]

AN: 627340104

Publisher

Springer Tokyo (E-mail: orders@springer.jp)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

494.

Utilizing state-of-the-art "omics" technology and bioinformatics to identify new biological mechanisms and biomarkers for coronary artery disease.

Vernon S.T., Hansen T., Kott K.A., Yang J.Y., O'Sullivan J.F., Figtree G.A.

Embase

Microcirculation. 26 (2) (no pagination), 2019. Article Number: e12488. Date of Publication:

Februaryy 2019.

[Review]

AN: 623321177

Publisher

Wiley Blackwell (E-mail: info@wiley.com)

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[SFX Link](#)

495.

Predicting delayed cerebral ischemia after subarachnoid hemorrhage using physiological time series data.

Park S., Megjhani M., Frey H.-P., Grave E., Wiggins C., Terilli K.L., Roh D.J., Velazquez A., Agarwal S., Connolly E.S., Schmidt J.M., Claassen J., Elhadad N.

Embase

Journal of Clinical Monitoring and Computing. 33 (1) (pp 95-105), 2019. Date of Publication: 15 Feb 2019.

[Article]

AN: 621913823

Publisher

Springer Netherlands (E-mail: rbk@louisiana.edu)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

496.

A cancer paradox: Machine-learning backed propensity-score analysis of coronary angiography findings in cardio-oncology.

Balanescu D.V., Monlezun D.J., Donisan T., Boone D., Cervoni-Curet F., Palaskas N., Lopez-Mattei J., Kim P., Iliescu C., Balanescu S.M.

Embase

Journal of Invasive Cardiology. 31 (1) (pp 21-26), 2019. Date of Publication: 2019.

[Article]

AN: 2002974731

Publisher

HMP Communications

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

497.

Radiomics versus visual and histogram-based assessment to identify atheromatous lesions at coronary CT angiography: An ex vivo study.

Kolossvary M., Karady J., Kikuchi Y., Ivanov A., Schlett C.L., Lu M.T., Foldyna B., Merkely B., Aerts H.J., Hoffmann U., Maurovich-Horvat P.

Embase

Radiology. 293 (1) (pp 89-96), 2019. Date of Publication: 2019.

[Article]

AN: 2002942945

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

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498.

A semi-automatic approach for epicardial adipose tissue segmentation and quantification on cardiac CT scans.

Militello C., Rundo L., Toia P., Conti V., Russo G., Filorizzo C., Maffei E., Cademartiri F., La Grutta L., Midiri M., Vitabile S.

Embase

Computers in Biology and Medicine. 114 (no pagination), 2019. Article Number: 103424. Date of Publication: November 2019.

[Article]

AN: 2002868400

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

499.

Oracle of Our Time: Machine learning for predicting cardiovascular events.

Schoepf U.J., Tesche C.

Embase

Radiology. 292 (2) (pp 363-364), 2019. Date of Publication: 2019.

[Editorial]

AN: 2002707671

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

500.

Scoring of coronary artery disease characteristics on coronary CT angiograms by using machine learning.

Johnson K.M., Johnson H.E., Zhao Y., Dowe D.A., Staib L.H.

Embase

Radiology. 292 (2) (pp 354-362), 2019. Date of Publication: 2019.

[Article]

AN: 2002707670

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

501.

New Multiparametric Analysis of Cardiac Dyssynchrony: Machine Learning and Prediction of Response to CRT.

Donal E., Hubert A., Le Rolle V., Leclercq C., Martins R., Mabo P., Galli E., Hernandez A.

Embase

JACC: Cardiovascular Imaging. 12 (9) (pp 1887-1888), 2019. Date of Publication: September 2019.

[Letter]

AN: 2002681651

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

502.

Value of machine learning in predicting TAVI outcomes.

Lopes R.R., van Mourik M.S., Schaft E.V., Ramos L.A., Baan Jr J., Vendrik J., de Mol B.A.J.M.,

Vis M.M., Marquering H.A.

Embase

Netherlands Heart Journal. 27 (9) (pp 443-450), 2019. Date of Publication: 01 Sep 2019.

[Article]

AN: 2002617524

Publisher

Bohn Stafleu van Loghum (E-mail: e.smid@ntvg.nl)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

503.

Artificial intelligence for the general cardiologist.

Verjans J., Leiner T.

Embase

Netherlands Heart Journal. 27 (9) (pp 389-391), 2019. Date of Publication: 01 Sep 2019.

[Editorial]

AN: 2002612723

Publisher

Bohn Stafleu van Loghum (E-mail: e.smid@ntvg.nl)

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Link to the External Link Resolver:

[SFX Link](#)

504.

Effect of tube voltage on diagnostic performance of fractional flow reserve derived from coronary CT angiography with machine learning: Results from the machine registry.

De Geer J., Coenen A., Kim Y.-H., Kruk M., Tesche C., Schoepf U.J., Kepka C., Yang D.H., Nieman K., Persson A.

Embase

American Journal of Roentgenology. 213 (2) (pp 325-331), 2019. Date of Publication: 2019.

[Article]

AN: 2002527513

Publisher

American Roentgen Ray Society

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

505.

Machine Learning Using CT-FFR Predicts Proximal Atherosclerotic Plaque Formation Associated With LAD Myocardial Bridging.

Zhou F., Tang C.X., Schoepf U.J., Tesche C., Rollins J.D., Liu H., Zhou C.S., Yan J., Lu M.J., Lu G.M., Ni Q.Q., Zhang L.J.

Embase

JACC: Cardiovascular Imaging. 12 (8P1) (pp 1591-1593), 2019. Date of Publication: August 2019.

[Letter]

AN: 2002414334

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

[SFX Link](#)

506.

Rational discovery of dual-indication multi-target pde/kinase inhibitor for precision anti-cancer therapy using structural systems pharmacology.

Lim H., He D., Qiu Y., Krawczuk P., Sun X., Xie L.

Embase

PLoS Computational Biology. 15 (6) (no pagination), 2019. Article Number: e1006619. Date of Publication: June 2019.

[Article]

AN: 2002222767

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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507.

On-site computed tomography-derived fractional flow reserve using a machine-learning algorithm: Clinical effectiveness in a retrospective multicenter cohort.

Kurata A., Fukuyama N., Hirai K., Kawaguchi N., Tanabe Y., Okayama H., Shigemi S., Watanabe K., Uetani T., Ikeda S., Inaba S., Kido T., Itoh T., Mochizuki T.

Embase

Circulation Journal. 83 (7) (pp 1563-1571), 2019. Date of Publication: 2019.

[Article]

AN: 2002169796

Publisher

Japanese Circulation Society

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

508.

Prediction of coronary thin-cap fibroatheroma by intravascular ultrasound-based machine learning.

Bae Y., Kang S.-J., Kim G., Lee J.-G., Min H.-S., Cho H., Kang D.-Y., Lee P.H., Ahn J.-M., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

Atherosclerosis. 288 (pp 168-174), 2019. Date of Publication: September 2019.

[Article]

AN: 2002005119

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

509.

Intraoperative-evoked potential monitoring: From homemade to automated systems.

Koht A., Hemmer L.B.

Embase

Journal of Neurosurgical Anesthesiology. 31 (3) (pp 271-272), 2019. Date of Publication: 01 Jul 2019.

[Editorial]

AN: 628145629

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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510.

A year-long immune profile of the systemic response in acute stroke survivors.

Tsai A.S., Berry K., Beneyto M.M., Gaudilliere D., Ganio E.A., Culos A., Ghaemi M.S., Choisy B., Djebali K., Einhaus J.F., Bertrand B., Tanada A., Stanley N., Fallahzadeh R., Baca Q., Quach L.N., Osborn E., Drag L., Lansberg M.G., Angst M.S., Gaudilliere B., Buckwalter M.S., Aghaeepour N.

Embase

Brain. 142 (4) (pp 978-991), 2019. Date of Publication: 2019.

[Article]

AN: 627836274

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

511.

Ventricular geometry-regularized QRSd predicts cardiac resynchronization therapy response:
machine learning from crosstalk between electrocardiography and echocardiography.

Lei J., Wang Y.G., Bhatta L., Ahmed J., Fan D., Wang J., Liu K.

Embase

International Journal of Cardiovascular Imaging. 35 (7) (pp 1221-1229), 2019. Date of
Publication: 01 Jul 2019.

[Article]

AN: 627826498

Publisher

Springer Netherlands (E-mail: rbk@louisiana.edu)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

512.

Cross-sectional imaging of thoracic traumatic aortic injury.

Hahn L.D., Prabhakar A.M., Zucker E.J.

Embase

Vasa - European Journal of Vascular Medicine. 48 (1) (pp 6-16), 2019. Date of Publication: 2019.

[Review]

AN: 627512624

Publisher

Hogrefe Verlag GmbH & Co. KG (E-mail: verlag@hogrefe.de)

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513.

Serial electrocardiography to detect newly emerging or aggravating cardiac pathology: A deep-learning approach.

Sbrollini A., De Jongh M.C., Ter Haar C.C., Treskes R.W., Man S., Burattini L., Swenne C.A.

Embase

BioMedical Engineering Online. 18 (15) (no pagination), 2019. Article Number: 15. Date of Publication: 2019.

[Article]

AN: 626489947

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

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Link to the External Link Resolver:

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514.

Variables of importance in the Scientific Registry of Transplant Recipients database predictive of heart transplant waitlist mortality.

Hsich E.M., Thuita L., McNamara D.M., Rogers J.G., Valapour M., Goldberg L.R., Yancy C.W., Blackstone E.H., Ishwaran H.

Embase

American Journal of Transplantation. 19 (7) (pp 2067-2076), 2019. Date of Publication: July 2019.

[Article]

AN: 626360560

Publisher

Blackwell Publishing Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

515.

Artificial Intelligence-Assisted Auscultation of Heart Murmurs: Validation by Virtual Clinical Trial.

Thompson W.R., Reinisch A.J., Unterberger M.J., Schriefl A.J.

Embase

Pediatric Cardiology. 40 (3) (pp 623-629), 2019. Date of Publication: 15 Mar 2019.

[Article]

AN: 625447230

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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516.

Deep learning for predicting in-hospital mortality among heart disease patients based on echocardiography.

Kwon J.-M., Kim K.-H., Jeon K.-H., Park J.

Embase

Echocardiography. 36 (2) (pp 213-218), 2019. Date of Publication: Februaryy 2019.

[Article]

AN: 625353119

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

Link to the Ovid Full Text or citation:

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517.

Position paper computational cardiology.

Athanasίου L., Nezami F.R., Edelman E.R.

Embase

IEEE Journal of Biomedical and Health Informatics. 23 (1) (pp 4-11), 2019. Article Number: 8500276. Date of Publication: January 2019.

[Article]

AN: 624514504

Publisher

Institute of Electrical and Electronics Engineers Inc.

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518.

Machine learning-based phenogrouping in heart failure to identify responders to cardiac resynchronization therapy.

Cikes M., Sanchez-Martinez S., Claggett B., Duchateau N., Piella G., Butakoff C., Pouleur A.C., Knappe D., Biering-Sorensen T., Kutyifa V., Moss A., Stein K., Solomon S.D., Bijnens B.

Embase

European Journal of Heart Failure. 21 (1) (pp 74-85), 2019. Date of Publication: January 2019.

[Article]

AN: 624499673

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom.

E-mail: vgorayska@wiley.com)

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519.

Accuracy of an artificial neural network for detecting a regional abnormality in myocardial perfusion SPECT.

Shibutani T., Nakajima K., Wakabayashi H., Mori H., Matsuo S., Yoneyama H., Konishi T., Okuda K., Onoguchi M., Kinuya S.

Embase

Annals of Nuclear Medicine. 33 (2) (pp 86-92), 2019. Date of Publication: 25 Feb 2019.

[Article]

AN: 624434220

Publisher

Springer Tokyo (E-mail: orders@springer.jp)

Link to the Ovid Full Text or citation:

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520.

Measuring quality outcomes across hospital systems: Using a claims data model for risk adjustment of mortality rates.

Naidoo R.M., Timothy G.A., Steenkamp L., Collie S., Greyling M.J.

Embase

South African Medical Journal. 109 (5) (pp 299-305), 2019. Date of Publication: May 2019.

[Article]

AN: 2001995230

Publisher

South African Medical Association (Lansdale Building, Gardener Way, Pinelands, Cape Town
7405, South Africa)

Link to the Ovid Full Text or citation:

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521.

A transcriptomic model to predict increase in fibrous cap thickness in response to high-dose statin treatment: Validation by serial intracoronary OCT imaging.

Johnson K.W., Glicksberg B.S., Shameer K., Vengrenyuk Y., Krittanawong C., Russak A.J.,
Sharma S.K., Narula J.N., Dudley J.T., Kini A.S.

Embase

EBioMedicine. 44 (pp 41-49), 2019. Date of Publication: June 2019.

[Article]

AN: 2001993493

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

522.

Automating Ischemic Stroke Subtype Classification Using Machine Learning and Natural Language Processing.

Garg R., Oh E., Naidech A., Kording K., Prabhakaran S.

Embase

Journal of Stroke and Cerebrovascular Diseases. 28 (7) (pp 2045-2051), 2019. Date of Publication: July 2019.

[Article]

AN: 2001964571

Publisher

W.B. Saunders

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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523.

Treatment of Heart Failure With Preserved Ejection Fraction (HFpEF): the Phenotype-Guided Approach.

Silverman D.N., Shah S.J.

Embase

Current Treatment Options in Cardiovascular Medicine. 21 (4) (no pagination), 2019. Article Number: 20. Date of Publication: 01 Apr 2019.

[Review]

AN: 627204064

Publisher

Springer Healthcare

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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524.

Angiography-based machine learning for predicting fractional flow reserve in intermediate coronary artery lesions.

Cho H., Lee J.-G., Kang S.-J., Kim W.-J., Choi S.-Y., Ko J., Min H.-S., Choi G.-H., Kang D.-Y., Lee P.H., Ahn J.-M., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

Journal of the American Heart Association. 8 (4) (no pagination), 2019. Article Number: e011685.

Date of Publication: 2019.

[Article]

AN: 626920348

Publisher

American Heart Association Inc.

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525.

Artificial Intelligence in Nuclear Cardiology: Adding Value to Prognostication.

Seetharam K., Shresthra S., Mills J.D., Sengupta P.P.

Embase

Current Cardiovascular Imaging Reports. 12 (5) (no pagination), 2019. Article Number: 14. Date of Publication: 01 May 2019.

[Review]

AN: 626826458

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

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526.

Most Promising Therapies in Interventional Cardiology.

Kerneis M., Nafee T., Yee M.K., Kazmi H.A., Datta S., Zeitouni M., Afzal M.K., Jafarizade M.,

Walia S.S., Qamar I., Pitliya A., Kalayci A., Al Khalfan F., Gibson C.M.

Embase

Current Cardiology Reports. 21 (4) (no pagination), 2019. Article Number: 26. Date of Publication: 01 Apr 2019.

[Review]

AN: 626782709

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

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Link to the External Link Resolver:

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527.

Great wall international congress of cardiology 2018.

Shang A.

Embase

European Heart Journal. 40 (9) (pp 716-717), 2019. Date of Publication: 01 Mar 2019.

[Conference Paper]

AN: 626764163

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

528.

Noncontrast Chest Computed Tomographic Imaging of Obesity and the Metabolic Syndrome.

Schlett C.L., Nattenmuller J., Tsuchiya N., Vogel-Claussen J., Kauczor H.-U., Levin D., Hatabu H., Estepar J.R., Wu M.-T., Van Beek E.J.R., Schiebler M.L.

Embase

Journal of Thoracic Imaging. 34 (2) (pp 116-125), 2019. Date of Publication: 01 Mar 2019.

[Review]

AN: 626728650

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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529.

Application of speCtraL computed tomogrAphy to impRove specifcity of cardiac compuTed tomographY (CLARITY study): Rationale and design.

Van Hamersvelt R.W., Isgum I., De Jong P.A., Cramer M.J.M., Leenders G.E.H., Willeminck M.J., Voskuil M., Leiner T.

Embase

BMJ Open. 9 (3) (no pagination), 2019. Article Number: e025793. Date of Publication: 01 Mar 2019.

[Article]

AN: 626568370

Publisher

BMJ Publishing Group (E-mail: subscriptions@bmjgroup.com)

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Link to the External Link Resolver:

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530.

Can advanced analytics fix modern medicine's problem of uncertainty, imprecision, and inaccuracy?.

Ahmad T., Freeman J.V., Asselbergs F.W.

Embase

European Journal of Heart Failure. 21 (1) (pp 86-89), 2019. Date of Publication: January 2019.

[Editorial]

AN: 625410218

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom.

E-mail: vgorayska@wiley.com)

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531.

Deep learning analysis of left ventricular myocardium in CT angiographic intermediate-degree coronary stenosis improves the diagnostic accuracy for identification of functionally significant stenosis.

van Hamersvelt R.W., Zreik M., Voskuil M., Viergever M.A., Isgum I., Leiner T.

Embase

European Radiology. 29 (5) (pp 2350-2359), 2019. Date of Publication: 01 May 2019.

[Article]

AN: 624933226

Publisher

Springer Verlag (E-mail: service@springer.de)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

532.

Machine learning for the prediction of new-onset diabetes mellitus during 5-year follow-up in non-diabetic patients with cardiovascular risks.

Choi B.G., Rha S.-W., Kim S.W., Kang J.H., Park J.Y., Noh Y.-K.

Embase

Yonsei Medical Journal. 60 (2) (pp 191-199), 2019. Date of Publication: February 2019.

[Article]

AN: 2001744007

Publisher

Yonsei University College of Medicine

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

533.

Diagnostic performance of cCTA derived stenosis predictors to detect hemodynamic significant coronary stenosis.

Kaeder F., Rutsch M., Skarga E., Lossnitzer D., Akin I., Baumann S.

Embase

International Journal of Cardiology. 274 (pp 62), 2019. Date of Publication: 1 January 2019.

[Letter]

AN: 2000939688

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

534.

Diagnostic accuracy of a deep learning approach to calculate FFR from coronary CT angiography.

Wang Z., Zhou Y., Zhao Y., Shi D., Liu Y., Liu W., Liu X., Li Y.

Embase

Journal of Geriatric Cardiology. 16 (1) (pp 42-48), 2019. Date of Publication: 2019.

[Article]

AN: 626370973

Publisher

Science Press (E-mail: yanmh@neigae.ac.cn)

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Link to the External Link Resolver:

[SFX Link](#)

535.

Health Factors Associated with Cardiovascular Wellness.

Al Rifai M., Cainzos-Achirica M., Blaha M.J., Arps K., Wood D.A., Blumenthal R.S., McEvoy J.W.

Embase

Current Atherosclerosis Reports. 21 (3) (no pagination), 2019. Article Number: 10. Date of

Publication: 01 Mar 2019.

[Review]

AN: 626318881

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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536.

Machine Learning in the Evaluation of Myocardial Ischemia Through Nuclear Cardiology.

Juarez-Orozco L.E., Martinez-Manzanera O., Storti A.E., Knuuti J.

Embase

Current Cardiovascular Imaging Reports. 12 (2) (no pagination), 2019. Article Number: 5. Date of

Publication: 01 Feb 2019.

[Review]

AN: 626285863

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

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537.

Rheumatoid Arthritis: Atherosclerosis Imaging and Cardiovascular Risk Assessment Using Machine and Deep Learning-Based Tissue Characterization.

Khanna N.N., Jamthikar A.D., Gupta D., Piga M., Saba L., Carcassi C., Giannopoulos A.A., Nicolaidis A., Laird J.R., Suri H.S., Mavrogeni S., Protogerou A.D., Sfikakis P., Kitas G.D., Suri J.S.

Embase

Current Atherosclerosis Reports. 21 (2) (no pagination), 2019. Article Number: 7. Date of Publication: 01 Feb 2019.

[Review]

AN: 626255025

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

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Link to the External Link Resolver:

[SFX Link](#)

538.

Altered neural networks in the papez circuit: Implications for cognitive dysfunction after cerebral ischemia.

Escobar I., Xu J., Jackson C.W., Perez-Pinzon M.A., Jagannatha Rao K.S.

Embase

Journal of Alzheimer's Disease. 67 (2) (pp 425-446), 2019. Date of Publication: 2019.

[Review]

AN: 626206505

Publisher

IOS Press (Nieuwe Hemweg 6B, Amsterdam 1013 BG, Netherlands)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

539.

Serum protein signature of coronary artery disease in type 2 diabetes mellitus.

Adela R., Reddy P.N.C., Ghosh T.S., Aggarwal S., Yadav A.K., Das B., Banerjee S.K.

Embase

Journal of Translational Medicine. 17 (1) (no pagination), 2019. Article Number: 17. Date of Publication: 24 Jan 2019.

[Article]

AN: 626048921

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BioMed Central Ltd. (E-mail: info@biomedcentral.com)

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540.

Machine learning derived segmentation of phase velocity encoded cardiovascular magnetic resonance for fully automated aortic flow quantification.

Bratt A., Kim J., Pollie M., Beecy A.N., Tehrani N.H., Codella N., Perez-Johnston R., Palumbo M.C., Alakbarli J., Colizza W., Drexler I.R., Azevedo C.F., Kim R.J., Devereux R.B., Weinsaft J.W.

Embase

Journal of Cardiovascular Magnetic Resonance. 21 (1) (no pagination), 2019. Article Number: 1.

Date of Publication: 07 Jan 2019.

[Article]

AN: 625769463

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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541.

Automatic Plaque Detection in IVOCT Pullbacks Using Convolutional Neural Networks.

Gessert N., Lutz M., Heyder M., Latus S., Leistner D.M., Abdelwahed Y.S., Schlaefer A.

Embase

IEEE Transactions on Medical Imaging. 38 (2) (pp 426-434), 2019. Article Number: 8438495.

Date of Publication: February 2019.

[Article]

AN: 623574047

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

542.

Nurse-staffing level and quality of acute care services: Evidence from cross-national panel data analysis in OECD countries.

Amiri A., Solankallio-Vahteri T.

Embase

International Journal of Nursing Sciences. 6 (1) (pp 6-16), 2019. Date of Publication: 10 January 2019.

[Article]

AN: 2001534334

Publisher

Chinese Nursing Association (E-mail: mahongying@hotmail.com)

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543.

Hepatic encephalopathy revisited: Beyond the triphasic waves.

Togo M., Kinoshita M.

Embase

Clinical Neurophysiology. 130 (3) (pp 408-409), 2019. Date of Publication: March 2019.

[Editorial]

AN: 2001476797

Publisher

Elsevier Ireland Ltd

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544.

Hybrid PET/MR imaging in myocardial inflammation post-myocardial infarction.

Wilk B., Wisenberg G., Dharmakumar R., Thiessen J.D., Goldhawk D.E., Prato F.S.

Embase

Journal of Nuclear Cardiology. (no pagination), 2019. Date of Publication: 2019.

[Review]

AN: 2003815179

Publisher

Springer

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545.

Diagnostic Performance of Machine Learning Based CT-FFR in Detecting Ischemia in Myocardial Bridging and Concomitant Proximal Atherosclerotic Disease.

Zhou F., Wang Y.N., Schoepf U.J., Tesche C., Tang C.X., Zhou C.S., Xu L., Hou Y., Zheng M.W., Yan J., Lu M.J., Lu G.M., Zhang D.M., Zhang B., Zhang J.Y., Zhang L.J.

Embase

Canadian Journal of Cardiology. 35 (11) (pp 1523-1533), 2019. Date of Publication: November 2019.

[Article]

AN: 2003603420

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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546.

The best predictor of ischemic coronary stenosis: subtended myocardial volume, machine learning-based FFRCT, or high-risk plaque features?.

Yu M., Lu Z., Shen C., Yan J., Wang Y., Lu B., Zhang J.

Embase

European Radiology. (no pagination), 2019. Date of Publication: 2019.

[Article]

AN: 627182923

Publisher

Springer Verlag (E-mail: service@springer.de)

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547.

Neural networks for mining the associations between diseases and symptoms in clinical notes.

Shah S., Luo X., Kanakasabai S., Tuason R., Klopper G.

Embase

Health Information Science and Systems. 7 (1) (no pagination), 2019. Article Number: 1. Date of

Publication: 01 Dec 2019.

[Article]

AN: 625231914

Publisher

Springer International Publishing (E-mail: info@biomedcentral.com)

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548.

Elevated Coronary Artery Calcium Quantified by a Deep Learning Model from Radiotherapy Planning Scans Predicts Mortality in Lung Cancer.

Atkins K.M., Weiss J., Zeleznik R., Chaunzwa T.L., Hoffmann U., Aerts H., Mak R.H.

Embase

International Journal of Radiation Oncology Biology Physics. Conference: The American Society for Radiation Oncology 61st Annual Meeting. United States. 105 (1 Supplement) (pp S72), 2019.

Date of Publication: 1 September 2019.

[Conference Abstract]

AN: 2002632066

Publisher

Elsevier Inc.

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549.

ACHIEVING PRECISION PSYCHIATRY IN AN IMPRECISE WORLD: USING THE EHR SYSTEM TO TEST TRANSLATIONAL PARADIGMS IN PSYCHIATRIC GENETICS.

Davis C.L., Smoller C.-C.J., Huckins D.L.

Embase

European Neuropsychopharmacology. Conference: XXVIIth World Congress of Psychiatric Genetics (WCPG). United States. 29 (Supplement 5) (pp S53-S54), 2019. Date of Publication:

October 2019.

[Conference Abstract]

AN: 2002486862

Publisher

Elsevier B.V.

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550.

APPLICATION OF MACHINE LEARNING TO DETERMINE TOP PREDICTORS OF NON-CALCIFIED CORONARY PLAQUE BURDEN IN PSORIASIS.

Choi H., Munger E., Dey A., Elnabawi Y., Groenendyk J., Khalil N., Rodante J., Aksentijevich M., Reddy A., Argueta-Amaya J., Playford M., Hasan A., Jafri M.S., Sandfort V., Chen M., Bluemke D., Gelfand J., Mehta N.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 1467), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001642810

Publisher

Elsevier USA

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551.

MACHINE LEARNING PREDICTION OF ECHOCARDIOGRAPHIC RESPONSE AND SURVIVAL
IN CARDIAC RESYNCHRONIZATION THERAPY.

Feeny A., Rickard J., Patel D., Toro S., Trulock K., Park C., Varma N., Niebauer M., Sinha S.,
Spragg D., Chung M.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the
American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 484), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001642799

Publisher

Elsevier USA

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[SFX Link](#)

552.

DEEP PHENOTYPING AND PREDICTION OF LONG-TERM HEART FAILURE BY MACHINE
LEARNING.

Zhuang X., Sun X., Zhong X., Zhou H., Zhang S., Liao X.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the
American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 690), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001642093

Publisher

Elsevier USA

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553.

VIRTUAL HISTOLOGY OCT: CORONARY PLAQUE CLASSIFICATION WITH HISTOLOGY
VALIDATED NEURAL NETWORKS AND INTRAVASCULAR OPTICAL COHERENCE
TOMOGRAPHY.

Baruah V., Zahedivash A., Hoyt T., McElroy A., Cabe A., Oglesby M., Vela D., Buja L.M., Milner
T., Feldman M.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the
American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 1331), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001640568

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

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554.

UNSUPERVISED MACHINE LEARNING CLUSTERING FOR STRATIFICATION OF CARDIAC RISK IN PATIENTS WITH EXERCISE ECHOCARDIOGRAPHY NEGATIVE FOR ISCHEMIA.

Omar A.M.S., Ramirez R., Haddadin F., Sabharwal B., Khandaker M., Patel Y., Argulian E.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 110), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001640175

Publisher

Elsevier USA

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555.

EARLY DETECTION OF ANTHRACYCLINE CARDIOTOXICITY IN POPULATIONS WITH PREVALENT UNRELATED CARDIAC DISORDERS.

Reichek N., Knight D., Haigis L., Weber J., Merchant A., Grgas M., Cheng Y., Jacob-Perez S., Zheng H., Mehrotra B.

Embase

Journal of the American College of Cardiology. Conference: 68th Annual Scientific Session of the American College of Cardiology: ACC.19. United States. 73 (9 Supplement 1) (pp 1489), 2019.

Date of Publication: 12 March 2019.

[Conference Abstract]

AN: 2001639456

Publisher

Elsevier USA

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556.

CRT 2019 Cardiovascular Research Technologies.

Anonymous

Embase

JACC: Cardiovascular Interventions. Conference: CRT 2019 Cardiovascular Research Technologies. United States. 12 (4 Supplement) (no pagination), 2019. Date of Publication: 25 February 2019.

[Conference Review]

AN: 2001554118

Publisher

Elsevier Inc.

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557.

Development and testing of a deep learning-based strategy for scar segmentation on CMR-LGE images.

Moccia S., Banali R., Martini C., Muscogiuri G., Pontone G., Pepi M., Caiani E.G.

Embase

Magma (New York, N.Y.). 32 (2) (pp 187-195), 2019. Date of Publication: 01 Apr 2019.

[Article]

AN: 626895648

Publisher

NLM (Medline)

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558.

PDB21 PREDICTING HEALTHCARE COSTS OF DIABETES USING MACHINE LEARNING MODELS.

Gonzalez Rodriguez J., Pinzon Espitia O.L., Franco C., Augusto V.

Embase

Value in Health. Conference: ISPOR Europe 2019. Denmark. 22 (Supplement 3) (pp S575), 2019. Date of Publication: November 2019.

[Conference Abstract]

AN: 2004267892

Publisher

Elsevier Ltd

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559.

PCV120 A STATISTICAL COMPARISON OF LOGISTIC REGRESSION VERSUS MACHINE LEARNING TREE-BASED CLASSIFICATION METHODS IN PREDICTING CORONARY HEART DISEASE USING REAL-WORLD PATIENT-LEVEL DATA.

Smolen H.

Embase

Value in Health. Conference: ISPOR Europe 2019. Denmark. 22 (Supplement 3) (pp S563-S564), 2019. Date of Publication: November 2019.

[Conference Abstract]

AN: 2004264440

Publisher

Elsevier Ltd

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560.

Novel Metric for Evaluating Ischemic Stress in Electrograms Using a Data-Driven Approach.

Good W.W., Erem B., Coll-Font J., Brooks D.H., MacLeod R.S.

Embase

Journal of Electrocardiology. Conference: ISCE 35th Annual Meeting. United States. 57 (Supplement) (pp S112-S113), 2019. Date of Publication: November - December 2019.

[Conference Abstract]

AN: 2003794177

Publisher

Churchill Livingstone Inc.

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561.

ESC Congress 2019 together with World Congress of Cardiology.

Anonymous

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (no pagination), 2019. Date of Publication: October 2019.

[Conference Review]

AN: 630052086

Publisher

Oxford University Press

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562.

Machine-learning defined predictors of mortality in ischemic and non-ischemic heart failure patients undergoing CRT-P or CRT-D implantation.

Kosztin A., Schwertner W.R., Tokodi M., Toser Z.S., Kovacs A., Veres B., Zima E., Geller L., Merkely B.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019. France. 40 (Supplement 1) (pp 933), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630053848

Publisher

Oxford University Press

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[Click here for full text options](#)

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563.

Automated detection of calcified plaques in coronary optical coherence tomography images using image segmentation based on machine learning.

Gangl C., Roth C., Dalos D., Delle-Karth G., Neunteufl T., Berger R.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019. France. 40 (Supplement 1) (pp 3499), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630053004

Publisher

Oxford University Press

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564.

Lifetime cost-effectiveness of diagnostic artificial intelligence tool for evaluating individuals with stable chest pain. The co-operative ARTICA registry database.

Mazzanti M., Shirka E., Gjergo H., Pugliese F., Goda A.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 439), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630050674

Publisher

Oxford University Press

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565.

Machine learning based automated diagnosis of ischemic vs non-ischemic dilated cardiomyopathy using 3D myocardial deformation analysis.

Lei L., Satriano A., Magyar-Ng M., Mikami Y., Kalmady S.V., Hoehn B., Dykstra S., Heydari B., Flewitt J., Merchant N., Howarth A.G., Lydell C.P., Greiner R., Fine N.M., White J.A.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 3017), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630050657

Publisher

Oxford University Press

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566.

Deep learning survival analysis enhances the value of hybrid PET/CT for long-term cardiovascular event prediction.

Juarez-Orozco L.E., Benjamins J.W., Maaniitty T., Saraste A., Van Der Harst P., Knuuti J.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 675), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630050573

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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567.

Feasibility and validation of routine CMR-based phenotyping for the prediction of heart failure admission or death in patients with systolic dysfunction.

Cornhill A., Dykstra S., Mikami Y., Flewitt J., Seib M., Yee K., Faris P., Hansen R., Lydell C., Howarth A., Heydari B., White J.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 2527), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630049998

Publisher

Oxford University Press

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568.

Automated quantification of epicardial adipose tissue from non-contrast CT on multi-center and multi-vendor data using deep learning.

Commandeur F., Goeller M., Razipour A., Cadet S., Hell M.M., Kwiecinski J., Chen X., Chang H.J., Marwan M., Achenbach S., Berman D.S., Slomka P.J., Tamarappoo B.K., Dey D.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.
France. 40 (Supplement 1) (pp 3645), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630049626

Publisher

Oxford University Press

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569.

Long-term past, current and usual systolic blood pressure and incident cardiovascular disease:
Risk prediction using large-scale, routinely recorded clinical data.

Ayala Solares J.R., Canoy D., Raimondi F.E.D., Zhu Y., Hassaine A., Salimi-Khorshidi G., Tran
J., Copland E., Zottoli M., Pinho-Gomes A.C., Nazarzadeh M., Rahimi K.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.
France. 40 (Supplement 1) (pp 852), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630048922

Publisher

Oxford University Press

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570.

Synergy of artificial intelligence and single lead EKG to detect and localize STEMI.

Vieira D., Mehta S., Fernandez F., Villagran C., Frauenfelder A., Ceschim M., Matheus C., Torres M.A., Mazzini J., Quintero S., Pisana L., Safie R., Nola F., Krisciunas S., Cecilio S.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 1831), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630047482

Publisher

Oxford University Press

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571.

Machine-learning integration of complex echocardiographic patterns and clinical parameters from cohorts and trials.

Cikes M., Sanchez Martinez S., Claggett B., Solomon S.D., Bijnens B.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 2549), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630046720

Publisher
Oxford University Press

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572.

Machine learning to predict the long-term risk of myocardial infarction and cardiac death based on clinical risk, coronary calcium and epicardial adipose tissue: A prospective study.

Commandeur F.C., Slomka P.J., Goeller M., Chen X., Cadet S., Razipour A., Gransar H., Cantu S., Miller R., Rozanski A., Achenbach S., Tamarappoo B., Berman D., Dey D.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 4), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630046311

Publisher

Oxford University Press

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573.

"Big Data" in Vascular Surgery: A Reality not to be Missed But to Use With Caution.

Ricco J.-B., Guetarni F., Gargiulo M.

Embase

European Journal of Vascular and Endovascular Surgery. Conference: The European Society for Vascular Surgery 33rd Annual Meeting 2019. Germany. 58 (6 Supplement 3) (pp e624-e625), 2019. Date of Publication: December 2019.

[Conference Abstract]

AN: 2003904264

Publisher

W.B. Saunders Ltd

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574.

Electrocardiographic Methods for the Prompt Identification of Coronary Events (EMPIRE): Algorithm Testing & Validation on an Independent Training Cohort.

Al-Zaiti S., Frisch S., Besomi L., Faramand Z., Alrawashdeh M., Martin-Gill C., Callaway C., Gregg R.E., Lux R., Sejdic E.

Embase

Journal of Electrocardiology. Conference: ISCE 35th Annual Meeting. United States. 57 (Supplement) (pp S104), 2019. Date of Publication: November - December 2019.

[Conference Abstract]

AN: 2003649379

Publisher

Churchill Livingstone Inc.

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575.

Correlation of computed tomography-based fractional flow reserve with instantaneous wave free ratio to detect hemodynamically significant coronary stenoses.

Baumann S., Hirt M., Schoepf U.J., Renker M., Buss S.J., Pflieger S., Weiss C., Schoenberg S.O., Borggrefe M., Akin I., Haubenreisser H., Overhoff D., Lossnitzer D.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019.

France. 40 (Supplement 1) (pp 3791), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630049118

Publisher

Oxford University Press

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576.

Radiomics-based machine learning versus histogram analysis and visual assessment to identify advanced atherosclerotic lesions on coronary computed tomography angiography.

Kolossvary M., Karady J., Kikuchi Y., Ivanov A., Schlett C.L., Lu M.T., Foldyna B., Merkely B., Aerts H.J., Maurovich-Horvat P., Hoffmann U.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019. France. 40 (Supplement 1) (pp 3778), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630048028

Publisher

Oxford University Press

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577.

Fully automated epicardial adipose tissue volume and density measured from non-contrast CT predict major adverse cardiovascular events in asymptomatic subjects.

McElhinney P., Eisenberg E., Commandeur F., Chen X., Cadet S., Goeller M., Cantu S., Miller R., Slomka P., Wong N., Rozanski A., Achenbach S., Tamarappoo B.K., Berman D., Dey D.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2019. France. 40 (Supplement 1) (pp 3763), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 630046848

Publisher

Oxford University Press

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578.

Underutilization of Artificial Intelligence by Vascular Specialists.

Rajasinghe H.A., Miller L.E., Chahwan S.H., Zamora A.J.

Embase

Annals of Vascular Surgery. Conference: Florida Vascular Society's 32nd Annual Scientific Sessions Meeting. The Diplomat Beach Resort, United States. 61 (pp 2-3), 2019. Date of Publication: November 2019.

[Conference Abstract]

AN: 2003952996

Publisher

Elsevier Inc.

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[SFX Link](#)

579.

Handheld Wireless Digital Phonocardiography for Machine Learning-Based Detection of Aortic Stenosis.

White B.E., Paek J.H., Pham S.L., Maidens J., McCarthy P.M., Thomas J.D.

Embase

Journal of the American Society of Echocardiography. Conference: 34th IEEE/ACM International Conference on Automated Software Engineering (ASE 2019). United States. 32 (6) (pp B109-B110), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 2003682932

Publisher

Mosby Inc.

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Link to the External Link Resolver:

[SFX Link](#)

580.

Automated Diagnosis of Ischemic Cardiomyopathy Using Feature-Categorized Vision Method: An Echocardiography Study with Computed Neural Network.

Hu B., Xiao J., Tian H., Jiang N., Zhou Q.

Embase

Journal of the American Society of Echocardiography. Conference: 34th IEEE/ACM International Conference on Automated Software Engineering (ASE 2019). United States. 32 (6) (pp B67), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 2003682763

Publisher

Mosby Inc.

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Link to the External Link Resolver:

[SFX Link](#)

581.

Ability of artificial intelligence to diagnose coronary artery stenosis using hybrid images of coronary computed tomography angiography and myocardial perfusion SPECT.

Yoneyama H., Nakajima K., Taki J., Wakabayashi H., Konishi T., Okuda K., Shiburani T., Onoguchi M., Kinuya S.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 32nd Annual Congress of the European Association of Nuclear Medicine, EANM 2019. Spain. 46 (1 Supplement 1) (pp S103-S104), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 629701008

Publisher

Springer Berlin Heidelberg

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582.

Prediction of cardiac death using 123I-MIBG: Comparison between statistical and machine learning models for serious arrhythmic events and heart failure death.

Nakajima K., Nakata T., Doi T., Maruyama K.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 32nd Annual Congress of the European Association of Nuclear Medicine, EANM 2019. Spain. 46 (1 Supplement 1) (pp S102), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 629700999

Publisher

Springer Berlin Heidelberg

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

583.

ES08.07 System Approach to Screening Management.

Reeves A.

Embase

Journal of Thoracic Oncology. Conference: IASLC 2019 World Conference on Lung Cancer (WCLC). Spain. 14 (10 Supplement) (pp S33-S34), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 2003407195

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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584.

FULLY AUTOMATIC ARTIFICIAL INTELLIGENCE DIAGNOSTIC MODEL OF CORONARY ARTERY LESIONS USING OCT IMAGING.

Abdolmanafi A., Dahdah N., Duong L., Adib R.I., Cheriet F.

Embase

Canadian Journal of Cardiology. Conference: Canadian Cardiovascular Congress 2019. Canada. 35 (10 Supplement) (pp S61-S62), 2019. Date of Publication: October 2019.

[Conference Abstract]

AN: 2003291591

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

585.

Low-dose PET reconstruction using deep learning: Application to cardiac imaged with FDG.

Ladefoged C., Hasbak P., Hansen J., Kjaer A., Hojgaard L., Andersen F.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629437428

Publisher

Society of Nuclear Medicine Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

586.

Differential prediction of heart failure death and arrhythmic death using machine learning model and I-123 metaiodobenzylguanidine.

Nakajima K., Nakata T., Doi T., Matsuo S.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629439180

Publisher

Society of Nuclear Medicine Inc.

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587.

10-fold reduction of scan time with deep learning reconstruction of Coronary PET images.
Lassen M.L., Commandeur F., Kwiecinski J., Dey D., Cadet S., Germano G., Berman D., Dweck M., Newby D., Slomka P.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629439122

Publisher

Society of Nuclear Medicine Inc.

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588.

Artificial Intelligence tools for the evaluation of myocardial perfusion imaging.

De Souza-Filho E.M., De Amorim Fernandes F., Seixas F.L., Gismondi R.A., Mesquita C.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629437560

Publisher

Society of Nuclear Medicine Inc.

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589.

Deep learning analysis of TI-201 myocardial perfusion imaging for improve diagnostic accuracy.

Chiu C.-H., Cheng C.-Y., Tseng T.-W., Chen I.-J., Yin Y.-P.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629438253

Publisher

Society of Nuclear Medicine Inc.

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Link to the External Link Resolver:

[SFX Link](#)

590.

Development of transfer learning datasets using realistic simulation of myocardial perfusion

SPECT images for a deep learning model.

Lee T.-S., Xu J., Tsui B.

Embase

Journal of Nuclear Medicine. Conference: 2019 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging, SNMMI 2019. United States. 60 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629438603

Publisher

Society of Nuclear Medicine Inc.

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Link to the External Link Resolver:

[SFX Link](#)

591.

TCT-196 Automatic Lesion Recognition on Coronary Angiographic Images by Deep Convolutional Neural Network.

Yang R., Liu X., Xie L., Zhang H., Xu B.

Embase

Journal of the American College of Cardiology. Conference: Thirty First Annual Symposium Transcatheter Cardiovascular Therapeutics (TCT). United States. 74 (13 Supplement) (pp B195), 2019. Date of Publication: 1 October 2019.

[Conference Abstract]

AN: 2002925517

Publisher

Elsevier USA

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592.

TCT-242 Detection and Classification of Coronary Bifurcation Lesions by Using Artificial Intelligence.

Liu X., Yang R., Xie L., Zhang H., Xu B.

Embase

Journal of the American College of Cardiology. Conference: Thirty First Annual Symposium Transcatheter Cardiovascular Therapeutics (TCT). United States. 74 (13 Supplement) (pp B241), 2019. Date of Publication: 1 October 2019.

[Conference Abstract]

AN: 2002925221

Publisher

Elsevier USA

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593.

TCT-342 DeepIVUS: A Machine Learning Platform for Fully Automatic IVUS Segmentation and Phenotyping.

Molony D., Samady H.

Embase

Journal of the American College of Cardiology. Conference: Thirty First Annual Symposium
Transcatheter Cardiovascular Therapeutics (TCT). United States. 74 (13 Supplement) (pp B339),
2019. Date of Publication: 1 October 2019.

[Conference Abstract]

AN: 2002924766

Publisher

Elsevier USA

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[SFX Link](#)

594.

Development and validation of a predictive model for incident heart failure in subjects under 65
years old with newly diagnosed atrial fibrillation.

Swerdel J., Ryan P., Marshall E., Rhoads G., Kostis W.

Embase

Pharmacoepidemiology and Drug Safety. Conference: 35th International Conference on
Pharmacoepidemiology and Therapeutic Risk Management. United States. 28 (Supplement 2)
(pp 159-160), 2019. Date of Publication: August 2019.

[Conference Abstract]

AN: 629264582

Publisher

John Wiley and Sons Ltd

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595.

Predicting coronary plaque vulnerability change using machine learning methods and patient-specific FSI modeling based on IVUS follow-up data.

Wang L., Tang D., Maehara A., Wu Z., Yang C., Matsumura M., Zheng J., Bach R., Billiar K.L., Stone G.W., Mintz G.S.

Embase

Arteriosclerosis, Thrombosis, and Vascular Biology. Conference: American Heart Association's Vascular Discovery: From Genes to Medicine 2019 Scientific Sessions. United States. 39 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629060175

Publisher

Lippincott Williams and Wilkins

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596.

Predictors of hard outcomes in the allhat trial identified with machine learning.

Xin V., Dey A., Wang R., Shalhoub R., Gu Y., Wu C., Tian X., Patel T., Fleg J., Kettermann A., Csako G., Sopko G., Svirglin H., Dandi G., Farooque N., Hoque L., Gani N., Mallick Z., Chowdhury I., Burkhart K., Szarfman A., Coady S., Mehta N., Navarro E., Pucino F., Rosenberg Y., Hasan A.

Embase

Arteriosclerosis, Thrombosis, and Vascular Biology. Conference: American Heart Association's Vascular Discovery: From Genes to Medicine 2019 Scientific Sessions. United States. 39 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629060856

Publisher

Lippincott Williams and Wilkins

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597.

Combining intravascular ultrasound and optical coherence tomography coronary data with follow-up led to better plaque progression prediction: A fluid-structure interaction study.

Guo X., Tang D., Maehara A., Matsumura M., Molony D., Samady H., Zheng J., Wang L., Yang C., Mintz G.S., Giddens D.P.

Embase

Arteriosclerosis, Thrombosis, and Vascular Biology. Conference: American Heart Association's Vascular Discovery: From Genes to Medicine 2019 Scientific Sessions. United States. 39 (Supplement 1) (no pagination), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 629060393

Publisher

Lippincott Williams and Wilkins

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598.

Prediction Of The Development Of Aortic Dilatation In Patients With Bicuspid (Bav) Versus Tricuspid (Tav) Aortic Valves.

Gaye B., Vignac M., Bjorck H.M., Olsson C., Franco-Cereceda A., Eriksson P.

Embase

Atherosclerosis. Conference: 87th EAS Congress. Netherlands. 287 (pp e277), 2019. Date of Publication: August 2019.

[Conference Abstract]

AN: 2002479742

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

[SFX Link](#)

599.

2019 Asia Pacific Conference on Medical and Health Science.

Anonymous

Embase

Basic and Clinical Pharmacology and Toxicology. Conference: 2019 Asia Pacific Conference on Medical and Health Science. South Korea. 125 (Supplement 1) (no pagination), 2019. Date of Publication: July 2019.

[Conference Review]

AN: 628905992

Publisher

Blackwell Publishing Ltd

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[Click here for full text options](#)

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600.

British Society of Cardiovascular Magnetic Resonance 2019 Annual Meeting.

Anonymous

Embase

Heart. Conference: 2019 Annual Meeting of British Society of Cardiovascular Magnetic Resonance. United Kingdom. 105 (Supplement 3) (no pagination), 2019. Date of Publication: March 2019.

[Conference Review]

AN: 628905334

Publisher

BMJ Publishing Group

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Link to the External Link Resolver:

[SFX Link](#)

601.

Automated detection of calcified plaques from ccta with an artificial intelligence deep learning algorithm.

Giovagnoli D., Eid M., Hudson H., Griffith L., Schoepf U.

Embase

Journal of Thoracic Imaging. Conference: 2019 Annual Meeting and Postgraduate Course of the Society of Thoracic Radiology. United States. 34 (4) (pp W62-W63), 2019. Date of Publication: July 2019.

[Conference Abstract]

AN: 628866789

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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602.

Deep learning for automated calcium scoring in cardiac computed tomography.

Martin S., Fischer A., Van Assen M., Giovagnoli D., Schoepf U.J.

Embase

Journal of Thoracic Imaging. Conference: 2019 Annual Meeting and Postgraduate Course of the Society of Thoracic Radiology. United States. 34 (4) (pp W62), 2019. Date of Publication: July 2019.

[Conference Abstract]

AN: 628866773

Publisher

Lippincott Williams and Wilkins

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603.

Society of Thoracic Radiology: Abstracts from the 2019 Annual Meeting and Postgraduate Course.

Anonymous

Embase

Journal of Thoracic Imaging. Conference: 2019 Annual Meeting and Postgraduate Course of the Society of Thoracic Radiology. United States. 34 (4) (no pagination), 2019. Date of Publication: July 2019.

[Conference Review]

AN: 628866654

Publisher

Lippincott Williams and Wilkins

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604.

A Machine Learning Model for the Systematic Identification of Wild-Type Transthyretin
Cardiomyopathy.

Huda A., Shah S.J., Castano A., Niyogi A., Schumacher J., Stewart M., Deo R.

Embase

Journal of Cardiac Failure. Conference: 23rd Annual Scientific Meeting: Heart Failure Society of
America. United States. 25 (8 Supplement) (pp S53-S54), 2019. Date of Publication: August
2019.

[Conference Abstract]

AN: 2002535913

Publisher

Churchill Livingstone Inc.

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605.

Takotsubo Cardiomyopathy in HFrEF and Thrombocytopenia: Multi-Center Machine Learning
Supported Analysis of Mortality and Costs among 6+ Million Hospitalizations.

Tran P., Monlezun D., De Sirkar S., Iliescu G., Kim P., Lopez-Mattei J., Durand J.-B., Palaskas
N., Iliescu C.

Embase

Journal of Cardiac Failure. Conference: 23rd Annual Scientific Meeting: Heart Failure Society of
America. United States. 25 (8 Supplement) (pp S61), 2019. Date of Publication: August 2019.

[Conference Abstract]

AN: 2002535697

Publisher

Churchill Livingstone Inc.

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606.

Takotsubo Cardiomyopathy Mortality and Costs in Cancer, PCI, and Racial Disparities:
Propensity Score Adjusted Machine Learning Guided Analysis of 6+ Million Inpatient Admissions.
Tran P., Monlezun D., De Sirkar S., Iliescu G., Kim P., Lopez-Mattei J., Durand J.-B., Palaskas
N., Iliescu C.

Embase

Journal of Cardiac Failure. Conference: 23rd Annual Scientific Meeting: Heart Failure Society of
America. United States. 25 (8 Supplement) (pp S60), 2019. Date of Publication: August 2019.

[Conference Abstract]

AN: 2002535630

Publisher

Churchill Livingstone Inc.

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607.

Myocardial elastography and 3D electromechanical wave imaging of the heart.

Grondin J.

Embase

Medical Physics. Conference: 2019 Annual Meeting of the American Association of Physicists in Medicine, AAPM 2019. United States. 46 (6) (pp e479), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 628827520

Publisher

John Wiley and Sons Ltd.

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608.

Initial evaluation of the use of a convolutional neural network to determine coronary artery disease severity using computed tomography angiography.

Podgorsak A., Sommer K., Iyer V., Wilson M., Sharma U., Kumamaru K., Rybicki F., Mitsouras D., Angel E., Ionita C.

Embase

Medical Physics. Conference: 2019 Annual Meeting of the American Association of Physicists in Medicine, AAPM 2019. United States. 46 (6) (pp e170-e171), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 628815604

Publisher

John Wiley and Sons Ltd.

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609.

Deep learning in the task of detecting coronary artery calcifications on low-dose thoracic CTs.

Fuhrman J.D., Yip R., Henschke C.I., Yankelevitz D.F., Giger M.L.

Embase

Medical Physics. Conference: 2019 Annual Meeting of the American Association of Physicists in Medicine, AAPM 2019. United States. 46 (6) (pp e122), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 628814876

Publisher

John Wiley and Sons Ltd.

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610.

Identification of a shared transcriptomic signature between sickle cell disease and acute myocardial infarction patients.

Hounkpe B.W., Carvalho B.S., Costa F.F., De Paula E.V.

Embase

Research and Practice in Thrombosis and Haemostasis. Conference: 27th Congress of the International Society on Thrombosis and Haemostasis. Australia. 3 (Supplement 1) (pp 113-114), 2019. Date of Publication: July 2019.

[Conference Abstract]

AN: 628812388

Publisher

Wiley-Blackwell Publishing Ltd

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611.

Long-term blood pressure and incident cardiovascular disease: Risk prediction using largescale, routinely recorded clinical data.

Ayala Solares J.R., Canoy D., Raimondi F., Zhu Y., Hassaine A., Salimi-Khorshidi G., Tran J., Copland E., Zottoli M., Pinho Gomes A.-C., Rahimi K.

Embase

Journal of Hypertension. Conference: 29th European Meeting on Hypertension and Cardiovascular Protection, ESH 2019. Italy. 37 (Supplement 1) (pp e46), 2019. Date of

Publication: July 2019.

[Conference Abstract]

AN: 628809448

Publisher

Lippincott Williams and Wilkins

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612.

Diagnosis of ST-elevated myocardial infarction by artificial intelligence with 12-lead electrocardiograph. The alert-pilot study.

Zhang Y., Zhao Y., Xu Y.

Embase

Journal of Hypertension. Conference: 29th European Meeting on Hypertension and Cardiovascular Protection, ESH 2019. Italy. 37 (Supplement 1) (pp e234), 2019. Date of

Publication: July 2019.

[Conference Abstract]

AN: 628809181

Publisher

Lippincott Williams and Wilkins

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613.

Use of artificial intelligence to predict volume of brain and infarction growth rate; a step towards precision medicine.

Kamran S., Akhtar N., Salam A., Shuaib A., Qidwai U.

Embase

European Stroke Journal. Conference: 5th European Stroke Organisation Conference, ESOC 2019. Italy. 4 (Supplement 1) (pp 144), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 628558761

Publisher

SAGE Publications Ltd

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614.

Automatic analysis of phonocardiogram evaluation in elderly patients with cardiovascular diseases.

Robert Olszewski R., Lejkowski W., Majka K., Grycewicz T., Dobrowolski A.P.

Embase

European Journal of Preventive Cardiology. Conference: EuroPrevent 2019. Portugal. 26 (Supplement 1) (pp S4-S5), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 628579421

Publisher

SAGE Publications Inc.

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615.

Prediction of heart failure decompensations using artificial intelligence techniques.

Vanessa Escolar Perez V., Lozano A., Larburu N., Kerexeta J., Artetxe A., Artola G., Alvarez R., Juez B., Echebarria A., Azcona A.

Embase

European Journal of Heart Failure. Conference: Heart Failure 2019 and the World Congress on Acute Heart Failure. Greece. 21 (Supplement 1) (pp 220-221), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 628560167

Publisher

John Wiley and Sons Ltd

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616.

SPATIAL COMPLEXITY ANALYSIS OF MYOCARDIAL SUBSTRATE: A NOVEL RISK FACTOR FOR PREDICTING VENTRICULAR ARRHYTHMIAS IN ISCHEMIC CARDIOMYOPATHY.

Okada D.R., Miller J., Chrispin J., Prakosa A., Trayanova N.A., Jones S., Maggioni M., Wu K.C.

Embase

Heart Rhythm. Conference: Heart Rhythm 2019: 40th Annual Heart Rhythm Scientific Sessions. United States. 16 (5 Supplement) (pp 124), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 2002273502

Publisher
Elsevier B.V.

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617.

Abstracts for the Cardiac Society of Australia and New Zealand Annual Scientific Meeting (New Zealand) 2019.

Anonymous

Embase

Heart Lung and Circulation. Conference: ANZSCTS Annual Scientific Meeting 2018. Australia. 28 (Supplement 1) (pp S1-S38), 2019. Date of Publication: 2019.

[Conference Review]

AN: 2002075770

Publisher
Elsevier Ltd

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618.

Automatic non-invasive substrate analysis from CT images in post-infarction VT.

Cedilnik N., Jia S., Sacher F., Jais P., Cochet H., Sermesant M.

Embase

Europace. Conference: Annual Congress of the European Heart Rhythm Association, EHRA 2019. Portugal. 21 (Supplement 2) (pp ii727-ii728), 2019. Date of Publication: March 2019.

[Conference Abstract]

AN: 628292357

Publisher

Oxford University Press

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619.

PDB130 RISK EQUATIONS FOR COMPLICATIONS OF TYPE2 DIABETES USING REAL-WORLD ELECTRONIC MEDICAL RECORDS: LOCALIZED VS. GENERALIZABLE.

Hong D., Fort D., Price-Haywood E., Shi L.

Embase

Value in Health. Conference: ISPOR 2019: Rapid. Disruptive. Innovative: A New Era in HEOR. United States. 22 (Supplement 2) (pp S162), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 2002154617

Publisher

Elsevier Ltd

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620.

Who to cath? Troponemia in seizure presentations.

Pabba K., Patel R.S., Thannoun T.E., Zheng D., Sun A., Monlezun D.J., Chiadika S.

Embase

Catheterization and Cardiovascular Interventions. Conference: 41st Annual Scientific Sessions of the Society for Cardiovascular Angiography and Interventions. United States. 93 (Supplement 2) (pp S34), 2019. Date of Publication: May 2019.

[Conference Abstract]

AN: 628160704

Publisher

John Wiley and Sons Inc.

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621.

Simple neurological exam combined with headpulse accurately predicts large vessel occlusion stroke.

Keenan K.J., Lovoi P.A., Smith W.S.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2019 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. United States. 50 (Supplement 1) (no pagination), 2019. Date of Publication: February 2019.

[Conference Abstract]

AN: 628147934

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

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622.

Machine learning prediction of stroke mechanism in embolic strokes of undetermined source. Sahu A., Okin P.M., Devereux R.B., Weinsaft J.W., Diaz I., Omran S.S., Gupta A., Navi B.B., Iadecola C., Kamel H.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2019 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. United States. 50 (Supplement 1) (no pagination), 2019. Date of Publication: February 2019.

[Conference Abstract]

AN: 628147297

Publisher

Lippincott Williams and Wilkins

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623.

Application of machine learning to determine top predictors of non-calcified coronary plaque burden in psoriasis.

Choi H., Munger E., Dey A.K., Elnabawi Y., Groenendyk J., Khalil N., Rodante J., Aksentijevich M., Reddy A., Argueta-Amaya J., Playford M., Hasan A., S Jafri M., Sandfort V., Chen M., Bluemke D., Gelfand J., Mehta N.N.

Embase

Journal of Investigative Medicine. Conference: Eastern Regional Meeting 2019. United States. 67 (4) (pp 791), 2019. Date of Publication: April 2019.

[Conference Abstract]

AN: 628088798

Publisher

BMJ Publishing Group

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624.

PC102. A Novel Machine Learning-Driven Clinical and Proteomic Tool for the Diagnosis of Peripheral Artery Disease.

Ramirez J.L., Magaret C.A., Khetani S.A., Rhyne R.F., Peters C., Barnes G., Grenon S.M.

Embase

Journal of Vascular Surgery. Conference: 2019 Vascular Annual Meeting. United States. 69 (6)
(pp e233-e234), 2019. Date of Publication: June 2019.

[Conference Abstract]

AN: 2001990343

Publisher

Mosby Inc.

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625.

Improving myocardial ischaemia diagnostic accuracy using myocardial perfusion and CT fusion
imaging based 3D-OSEM data.

Nakamura Y.

Embase

Journal of Medical Radiation Sciences. Conference: Australian Society of Medical Imaging and
Radiation Therapy's 14th National Conference and 22nd Asia-Australasia Conference of
Radiological Technologists Conference, ASMIRT and AACRT 2019. Australia. 66 (Supplement 1)
(pp 128), 2019. Date of Publication: March 2019.

[Conference Abstract]

AN: 626940075

Publisher

Wiley Blackwell

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626.

Machine-learning integration of CT histogram analysis to evaluate the composition of atherosclerotic plaque: Validation with IB-IVUS.

Masuda T., Imada N., Noda N., Yamashita Y., Matsumoto Y., Oku T.

Embase

Journal of Medical Radiation Sciences. Conference: Australian Society of Medical Imaging and Radiation Therapy's 14th National Conference and 22nd Asia-Australasia Conference of Radiological Technologists Conference, ASMIRT and AACRT 2019. Australia. 66 (Supplement 1) (pp 122), 2019. Date of Publication: March 2019.

[Conference Abstract]

AN: 626939618

Publisher

Wiley Blackwell

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Link to the External Link Resolver:

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627.

PREDICTING THE FUTURE DISEASE STATUS OF DEPRESSED PATIENTS FROM DNA METHYLATION PATTERNS IN BLOOD.

Clark S., Hattab M., Shabalin A., Han L., Chan R., Zhao M., Smit J., Jansen R., Milaneschi Y., Xie L., van Grootheest G., Penninx B., Aberg K., van den Oord E.

Embase

European Neuropsychopharmacology. Conference: XXVth World Congress of Psychiatric Genetics (WCPG). United States. 29 (Supplement 3) (pp S793-S794), 2019. Date of Publication: 2019.

[Conference Abstract]

AN: 2001729131

Publisher

Elsevier B.V.

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628.

Graft Recovery Estimation at Transplantation (GREAT) Algorithm Identifies the Most Important Risk Factors for Primary Graft Dysfunction for Heart Transplantation.

Leacche M., Wilton P., Marco G., Fitch S., Shrestha N.M., Dickinson M., Boeve T., Jovinge S.

Embase

Journal of Heart and Lung Transplantation. Conference: ISHLT 39th Annual Meeting and Scientific Sessions. United States. 38 (4 Supplement) (pp S297), 2019. Date of Publication: April 2019.

[Conference Abstract]

AN: 2001695905

Publisher

Elsevier USA

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629.

Deep Learning Facilitates Automation of Wall Layer Quantification in Heart Transplant Coronary OCT.

Mullan S., Chen Z., Pazdernik M., Zhang H., Wahle A., Melenovsky V., Kautzner J., Karmazin V., Bedanova H., Tomasek A., Ozabalova E., Sonka M.

Embase

Journal of Heart and Lung Transplantation. Conference: ISHLT 39th Annual Meeting and Scientific Sessions. United States. 38 (4 Supplement) (pp S281), 2019. Date of Publication: April 2019.

[Conference Abstract]

AN: 2001695860

Publisher

Elsevier USA

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630.

Congreso Anual de Cardiologia, CADECI 2019 Congreso Anual de Cardiologia, CADECI 2019
<Congreso Anual de Cardiologia, CADECI 2019.>

Anonymous

Embase

Revista Mexicana de Cardiologia. Conference: Congreso Anual de Cardiologia, CADECI 2019. Mexico. 30 (Supplement 1) (no pagination), 2019. Date of Publication: January - March 2019.

[Conference Review]

AN: 626707996

Publisher

Asociacion Nacional de Cardiologos de Mexico

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631.

Detection of vulnerable plaque with deep learning algorithm in intravascular ultrasound imaging.

Lee G., Choi T., Shin S.H., Oh S.

Embase

Revista Mexicana de Cardiologia. Conference: Congreso Anual de Cardiologia, CADECI 2019. Mexico. 30 (Supplement 1) (pp S66), 2019. Date of Publication: January - March 2019.

[Conference Abstract]

AN: 626707985

Publisher

Asociacion Nacional de Cardiologos de Mexico

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632.

Calcium analysis in coronary intravascular optical coherence tomography images using deep machine learning and finite element modeling.

Zimin V., Gharaibeha Y., Lee J., Rodrigues Pereira G.T., Alaiti M.A., Jia D., Vergara-Martel A., Palma Dallan L.A., Zago E., Pizzato P., Bezerra H.G., Wilson D.L.

Embase

JACC: Cardiovascular Interventions. Conference: CRT 2019 Cardiovascular Research Technologies. United States. 12 (4 Supplement) (pp S1), 2019. Date of Publication: 25 February 2019.

[Conference Abstract]

AN: 2001554129

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

633.

Lumen and media-adventitia borders detection in IVUS images using conditional generative adversarial networks.

Shaofeng Y., Feng Y., Lin X., Yangyang W., Jing H., Yaqin L.

Embase

Chinese Journal of Biomedical Engineering. 38 (2) (pp 146-156), 2019. Date of Publication: 2019.

[Article]

AN: 627900741

Publisher

Chinese Academy of Medical Sciences

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Link to the External Link Resolver:

[SFX Link](#)

634.

Deep learning segmentation of major vessels in X-ray coronary angiography.

Yang S., Kweon J., Roh J.-H., Lee J.-H., Kang H., Park L.-J., Kim D.J., Yang H., Hur J., Kang D.-Y., Lee P.H., Ahn J.-M., Kang S.-J., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

Scientific reports. 9 (1) (pp 16897), 2019. Date of Publication: 15 Nov 2019.

[Article]

AN: 629874916

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

635.

Automated A-line coronary plaque classification of intravascular optical coherence tomography images using handcrafted features and large datasets.

Prabhu D., Bezerra H., Kolluru C., Gharaibeh Y., Mehanna E., Wu H., Wilson D.

Embase

Journal of biomedical optics. 24 (10) (pp 1-15), 2019. Date of Publication: 01 Oct 2019.

[Article]

AN: 629524217

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

636.

Machine Learning to Predict the Likelihood of Acute Myocardial Infarction.

Than M.P., Pickering J.W., Sandoval Y., Shah A.S.V., Tsanas A., Apple F.S., Blankenberg S., Cullen L., Mueller C., Neumann J.T., Twerenbold R., Westermann D., Beshiri A., Mills N.L.

Embase

Circulation. (no pagination), 2019. Date of Publication: 16 Aug 2019.

[Article]

AN: 629093769

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

637.

Supervised Machine-learning Predictive Analytics for Prediction of Postinduction Hypotension.

Kendale S., Kulkarni P., Rosenberg A.D., Wang J.

Embase

Anesthesiology. 129 (4) (pp 675-688), 2018. Date of Publication: 2018.

[Article]

AN: 627081040

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

638.

Comparison of computational fluid dynamics and machine Learning-Based fractional flow reserve in coronary artery disease.

Yeri A., Shah R.V.

Embase

Circulation: Cardiovascular Imaging. 11 (6) (no pagination), 2018. Article Number: e007950. Date of Publication: 01 Jun 2018.

[Editorial]

AN: 624090176

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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Link to the External Link Resolver:

[SFX Link](#)

639.

Chess and coronary artery ischemia clinical implications of machine-learning applications.

Min J.K.

Embase

Circulation: Cardiovascular Imaging. 11 (6) (no pagination), 2018. Article Number: e007943. Date of Publication: 01 Jun 2018.

[Review]

AN: 624090175

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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Link to the External Link Resolver:

[SFX Link](#)

640.

Diagnostic accuracy of a machine-learning approach to coronary computed tomographic angiography-Based fractional flow reserve result from the MACHINE Consortium.

Coenen A., Kim Y.-H., Kruk M., Tesche C., De Geer J., Kurata A., Lubbers M.L., Daemen J., Itu L., Rapaka S., Sharma P., Schwemmer C., Persson A., Schoepf U.J., Kepka C., Yang D.H., Nieman K.

Embase

Circulation: Cardiovascular Imaging. 11 (6) (no pagination), 2018. Article Number: e007217. Date of Publication: 01 Jun 2018.

[Article]

AN: 624090170

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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Link to the External Link Resolver:

[SFX Link](#)

641.

Modeling fractional flow reserve developing an estimate of a better mousetrap.

Hachamovitch R.

Embase

Circulation: Cardiovascular Imaging. 11 (6) (no pagination), 2018. Article Number: e007939. Date of Publication: 01 Jun 2018.

[Review]

AN: 624090167

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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[SFX Link](#)

642.

Can a Machine Learn Better Than Humans? *.

Shaw L.J.

Embase

JACC: Cardiovascular Imaging. 11 (7) (pp 1010-1011), 2018. Date of Publication: July 2018.

[Editorial]

AN: 618870327

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

[SFX Link](#)

643.

Automatic determination of cardiovascular risk by CT attenuation correction maps in Rb-82
PET/CT.

Isgum I., de Vos B.D., Wolterink J.M., Dey D., Berman D.S., Rubeaux M., Leiner T., Slomka P.J.

Embase

Journal of Nuclear Cardiology. 25 (6) (pp 2133-2142), 2018. Date of Publication: 15 Dec 2018.

[Article]

AN: 615238320

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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644.

Artificial neural network-based model enhances risk stratification and reduces non-invasive cardiac stress imaging compared to Diamond-Forrester and Morise risk assessment models: A prospective study.

Isma'eel H.A., Sakr G.E., Serhan M., Lamaa N., Hakim A., Cremer P.C., Jaber W.A., Garabedian T., Elhadj I., Abchee A.B.

Embase

Journal of Nuclear Cardiology. 25 (5) (pp 1601-1609), 2018. Date of Publication: 01 Oct 2018.

[Article]

AN: 614531295

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

645.

Coronary Artery Calcium Scoring: Do We Need More Prognostic Data Prior to Adoption in Clinical Practice?.

Al-Mallah M.H.

Embase

JACC: Cardiovascular Imaging. 11 (12) (pp 1807-1809), 2018. Date of Publication: December 2018.

[Editorial]

AN: 2001210671

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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646.

Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry.

van Rosendael A.R., Maliakal G., Kolli K.K., Beecy A., Al'Aref S.J., Dwivedi A., Singh G., Panday M., Kumar A., Ma X., Achenbach S., Al-Mallah M.H., Andreini D., Bax J.J., Berman D.S., Budoff M.J., Cademartiri F., Callister T.Q., Chang H.-J., Chinnaiyan K., Chow B.J.W., Cury R.C., DeLago A., Feuchtner G., Hadamitzky M., Hausleiter J., Kaufmann P.A., Kim Y.-J., Leipsic J.A., Maffei E., Marques H., Pontone G., Raff G.L., Rubinshtein R., Shaw L.J., Villines T.C., Gransar H., Lu Y., Jones E.C., Pena J.M., Lin F.Y., Min J.K.

Embase

Journal of Cardiovascular Computed Tomography. 12 (3) (pp 204-209), 2018. Date of Publication: May - June 2018.

[Article]

AN: 2000744176

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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647.

The Sound and Science of Perioperative Echocardiography.

Nicoara A., Mackensen G.B.

Embase

Journal of the American Society of Echocardiography. 31 (4) (pp A21), 2018. Date of Publication:

April 2018.

[Editorial]

AN: 2000568246

Publisher

Mosby Inc. (E-mail: customerservice@mosby.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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648.

Uncertainty Quantification and Sensitivity Analysis for Computational FFR Estimation in Stable Coronary Artery Disease.

Fossan F.E., Sturdy J., Muller L.O., Strand A., Braten A.T., Jorgensen A., Wiseth R., Hellevik L.R.

Embase

Cardiovascular Engineering and Technology. 9 (4) (pp 597-622), 2018. Date of Publication: 15 Dec 2018.

[Article]

AN: 625337281

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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649.

High-density lipoprotein cholesterol levels and pulmonary artery vasoreactivity in patients with idiopathic pulmonary arterial hypertension.

Jonas K., Magon W., Waligora M., Seweryn M., Podolec P., Kopec G.

Embase

Polish Archives of Internal Medicine. 128 (7-8) (pp 440-446), 2018. Date of Publication: 2018.

[Article]

AN: 623777457

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Medycyna Praktyczna (E-mail: listy@mp.pl)

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650.

Outcomes of early versus delayed colonoscopy in lower gastrointestinal bleeding using a hospital administrative database.

Nigam N., Patel P., Sengupta N.

Embase

Journal of Clinical Gastroenterology. 52 (8) (pp 721-725), 2018. Date of Publication: 01 Sep 2018.

[Article]

AN: 623593718

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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Link to the External Link Resolver:

[SFX Link](#)

651.

Attractor landscape analysis of the cardiac signaling network reveals mechanism-based therapeutic strategies for heart failure.

Park D., Lee H.-S., Kang J.H., Kim S.-M., Gong J.-R., Cho K.-H.

Embase

Journal of Molecular Cell Biology. 10 (3) (pp 180-194), 2018. Date of Publication: 01 Jun 2018.

[Article]

AN: 623370170

Publisher
Oxford University Press

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

652.

A Survey on Coronary Atherosclerotic Plaque Tissue Characterization in Intravascular Optical Coherence Tomography.

Boi A., Jamthikar A.D., Saba L., Gupta D., Sharma A., Loi B., Laird J.R., Khanna N.N., Suri J.S.

Embase

Current Atherosclerosis Reports. 20 (7) (no pagination), 2018. Article Number: 33. Date of Publication: 01 Jul 2018.

[Review]

AN: 622260329

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

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653.

Prognostic Value of Combined Clinical and Myocardial Perfusion Imaging Data Using Machine Learning.

Betancur J., Otaki Y., Motwani M., Fish M.B., Lemley M., Dey D., Gransar H., Tamarappoo B., Germano G., Sharir T., Berman D.S., Slomka P.J.

Embase

JACC: Cardiovascular Imaging. 11 (7) (pp 1000-1009), 2018. Date of Publication: July 2018.

[Article]

AN: 618870700

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

654.

Incremental role of resting myocardial computed tomography perfusion for predicting physiologically significant coronary artery disease: A machine learning approach.

Han D., Lee J.H., Rizvi A., Gransar H., Baskaran L., Schulman-Marcus J., o Hartaigh B., Lin F.Y., Min J.K.

Embase

Journal of Nuclear Cardiology. 25 (1) (pp 223-233), 2018. Date of Publication: 01 Feb 2018.

[Article]

AN: 614917133

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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655.

Multi-dimensional proprio-proximus machine learning for assessment of myocardial infarction.

Yang F., Yang X., Teo S.K., Lee G., Zhong L., Tan R.S., Su Y.

Embase

Computerized Medical Imaging and Graphics. 70 (pp 63-72), 2018. Date of Publication:

December 2018.

[Article]

AN: 2001158123

Publisher

Elsevier Ltd

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Link to the External Link Resolver:

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656.

Calcium detection, its quantification, and grayscale morphology-based risk stratification using machine learning in multimodality big data coronary and carotid scans: A review.

Banchhor S.K., Londhe N.D., Araki T., Saba L., Radeva P., Khanna N.N., Suri J.S.

Embase

Computers in Biology and Medicine. 101 (pp 184-198), 2018. Date of Publication: 1 October

2018.

[Review]

AN: 2001049906

Publisher

Elsevier Ltd

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[Click here for full text options](#)

Link to the External Link Resolver:

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657.

CT coronary imaging-a fast evolving world.

Rajiah P., Abbara S.

Embase

QJM. 111 (9) (pp 595-604), 2018. Date of Publication: 2018.

[Review]

AN: 626456368

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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658.

Machine learning algorithm-based risk prediction model of coronary artery disease.

Naushad S.M., Hussain T., Indumathi B., Samreen K., Alrokayan S.A., Kutala V.K.

Embase

Molecular Biology Reports. 45 (5) (pp 901-910), 2018. Date of Publication: 01 Oct 2018.

[Article]

AN: 622991452

Publisher

Springer Netherlands (E-mail: rbk@louisiana.edu)

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659.

Deep Learning for Quantification of Epicardial and Thoracic Adipose Tissue from Non-Contrast CT.

Commandeur F., Goeller M., Betancur J., Cadet S., Doris M., Chen X., Berman D.S., Slomka P.J., Tamarappoo B.K., Dey D.

Embase

IEEE Transactions on Medical Imaging. 37 (8) (pp 1835-1846), 2018. Article Number: 8288602.

Date of Publication: August 2018.

[Article]

AN: 620667658

Publisher

Institute of Electrical and Electronics Engineers Inc.

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660.

Using artificial intelligence to predict prolonged mechanical ventilation and tracheostomy placement.

Parreco J., Hidalgo A., Parks J.J., Kozol R., Rattan R.

Embase

Journal of Surgical Research. 228 (pp 179-187), 2018. Date of Publication: August 2018.

[Article]

AN: 2000639432

Publisher

Academic Press Inc. (E-mail: apjcs@harcourt.com)

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661.

Incorporating repeating temporal association rules in Naive Bayes classifiers for coronary heart disease diagnosis.

Orphanou K., Dagliati A., Sacchi L., Stassopoulou A., Keravnou E., Bellazzi R.

Embase

Journal of Biomedical Informatics. 81 (pp 74-82), 2018. Date of Publication: May 2018.

[Article]

AN: 2000612936

Publisher

Academic Press Inc. (E-mail: apjcs@harcourt.com)

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Link to the External Link Resolver:

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662.

Cardiac phase space tomography: A novel method of assessing coronary artery disease utilizing machine learning.

Stuckey T.D., Gammon R.S., Goswami R., Depta J.P., Steuter J.A., Meine F.J., Roberts M.C., Singh N., Ramchandani S., Burton T., Grouchy P., Khosousi A., Shadforth I., Sanders W.E.

Embase

PLoS ONE. 13 (8) (no pagination), 2018. Article Number: e0198603. Date of Publication: August 2018.

[Article]

AN: 623435196

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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663.

Raising awareness: A year for multi-modality cardiac imaging.

Reyes E.

Embase

Journal of Nuclear Cardiology. 25 (4) (pp 1061-1062), 2018. Date of Publication: 01 Aug 2018.

[Editorial]

AN: 622666785

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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664.

Texture Analysis and Machine Learning for Detecting Myocardial Infarction in Noncontrast Low-Dose Computed Tomography: Unveiling the Invisible.

Mannil M., Von Spiczak J., Manka R., Alkadhi H.

Embase

Investigative Radiology. 53 (6) (pp 338-343), 2018. Date of Publication: 01 Jun 2018.

[Article]

AN: 622172816

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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665.

Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT: A Multicenter Study.

Betancur J., Commandeur F., Motlagh M., Sharir T., Einstein A.J., Bokhari S., Fish M.B., Ruddy T.D., Kaufmann P., Sinusas A.J., Miller E.J., Bateman T.M., Dorbala S., Di Carli M., Germano G., Otaki Y., Tamarappoo B.K., Dey D., Berman D.S., Slomka P.J.

Embase

JACC: Cardiovascular Imaging. 11 (11) (pp 1654-1663), 2018. Date of Publication: November 2018.

[Article]

AN: 621224319

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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666.

Real-Time Multilead Convolutional Neural Network for Myocardial Infarction Detection.

Liu W., Zhang M., Zhang Y., Liao Y., Huang Q., Chang S., Wang H., He J.

Embase

IEEE Journal of Biomedical and Health Informatics. 22 (5) (pp 1434-1444), 2018. Article Number: 8103330. Date of Publication: September 2018.

[Article]

AN: 619360345

Publisher

Institute of Electrical and Electronics Engineers Inc.

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667.

Automatic Calcium Scoring in Low-Dose Chest CT Using Deep Neural Networks with Dilated Convolutions.

Lessmann N., Van Ginneken B., Zreik M., De Jong P.A., De Vos B.D., Viergever M.A., Isgum I.

Embase

IEEE Transactions on Medical Imaging. 37 (2) (pp 615-625), 2018. Article Number: 8094970.

Date of Publication: February 2018.

[Article]

AN: 619328780

Publisher

Institute of Electrical and Electronics Engineers Inc.

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Link to the External Link Resolver:

[SFX Link](#)

668.

Comparison of Machine Learning Approaches Toward Assessing the Risk of Developing Cardiovascular Disease as a Long-Term Diabetes Complication.

Zarkogianni K., Athanasiou M., Thanopoulou A.C.

Embase

IEEE Journal of Biomedical and Health Informatics. 22 (5) (pp 1637-1647), 2018. Article Number: 8080219. Date of Publication: September 2018.

[Article]

AN: 619010556

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

669.

Time for risk assessment without borders.

Al-Mallah M.H., Villines T.C.

Embase

Atherosclerosis. 279 (pp 93-94), 2018. Date of Publication: December 2018.

[Editorial]

AN: 2001243689

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

[SFX Link](#)

670.

Protein phenotype diagnosis of autosomal dominant calmodulin mutations causing irregular heart rhythms.

Shaik N.A., Awan Z.A., Verma P.K., Elango R., Banaganapalli B.

Embase

Journal of Cellular Biochemistry. 119 (10) (pp 8233-8248), 2018. Date of Publication: November 2018.

[Article]

AN: 624293964

Publisher

Wiley-Liss Inc. (E-mail: info@wiley.com)

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Link to the External Link Resolver:

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671.

Temporal Performance of Laplacian Eigenmaps and 3D Conduction Velocity in Detecting Ischemic Stress.

Good W.W., Erem B., Zenger B., Coll-Font J., Brooks D.H., MacLeod R.S.

Embase

Journal of Electrocardiology. 51 (6 Supplement) (pp S116-S120), 2018. Date of Publication:
November - December 2018.

[Article]

AN: 2001030952

Publisher

Churchill Livingstone Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

672.

Monitoring significant ST changes through deep learning.

Xiao R., Xu Y., Pelter M.M., Fidler R., Badilini F., Mortara D.W., Hu X.

Embase

Journal of Electrocardiology. 51 (6 Supplement) (pp S78-S82), 2018. Date of Publication:
November - December 2018.

[Article]

AN: 2001003138

Publisher

Churchill Livingstone Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

673.

LPA variants are associated with residual cardiovascular risk in patients receiving statins.

Wei W.-Q., Li X., Feng Q., Kubo M., Kullo I.J., Peissig P.L., Karlson E.W., Jarvik G.P., Lee M.T.M., Shang N., Larson E.A., Edwards T., Shaffer C.M., Mosley J.D., Maeda S., Horikoshi M., Ritchie M., Williams M.S., Larson E.B., Crosslin D.R., Bland S.T., Pacheco J.A., Rasmussen-Torvik L.J., Cronkite D., Hripcsak G., Cox N.J., Wilke R.A., Stein C.M., Rotter J.I., Momozawa Y., Roden D.M., Krauss R.M., Denny J.C.

Embase

Circulation. 138 (17) (pp 1839-1849), 2018. Date of Publication: 2018.

[Article]

AN: 627081427

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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674.

Coronary CT angiography-derived fractional flow reserve: Machine learning algorithm versus computational fluid dynamics modeling.

Tesche C., De Cecco C.N., Baumann S., Renker M., McLaurin T.W., Duguay T.M., Bayer R.R., Steinberg D.H., Grant K.L., Canstein C., Schwemmer C., Schoebinger M., Itu L.M., Rapaka S., Sharma P., Schoepf U.J.

Embase

Radiology. 288 (1) (pp 64-72), 2018. Date of Publication: July 2018.

[Article]

AN: 626227771

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

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675.

Screening for Atrial Fibrillation Comes with Many Snags.

Mandrola J., Foy A., Naccarelli G.

Embase

JAMA Internal Medicine. 178 (10) (pp 1296-1298), 2018. Date of Publication: October 2018.

[Review]

AN: 624268915

Publisher

American Medical Association (E-mail: smcleod@itsa.ucsf.edu)

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676.

Phrase mining of textual data to analyze extracellular matrix protein patterns across cardiovascular disease.

Liem D.A., Murali S., Sigdel D., Shi Y., Wang X., Shen J., Choi H., Caufield J.H., Wang W., Ping P., Han J.

Embase

American Journal of Physiology - Heart and Circulatory Physiology. 315 (4) (pp H910-H924), 2018. Date of Publication: October 2018.

[Article]

AN: 624001779

Publisher

American Physiological Society

Link to the Ovid Full Text or citation:

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677.

Non-invasive heart state monitoring.

Chatterjee A., Roy U.K.

Embase

Biomedical and Pharmacology Journal. 11 (4) (pp 1885-1893), 2018. Date of Publication: December 2018.

[Article]

AN: 626743921

Publisher

Oriental Scientific Publishing Company

Link to the Ovid Full Text or citation:

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678.

Real-time assessment of right and left ventricular volumes and function in children using high spatiotemporal resolution spiral bSSFP with compressed sensing 08 Information and Computing Sciences 0801 Artificial Intelligence and Image Processing.

Steeden J.A., Kowalik G.T., Tann O., Hughes M., Mortensen K.H., Muthurangu V.

Embase

Journal of Cardiovascular Magnetic Resonance. 20 (1) (no pagination), 2018. Article Number: 79.

Date of Publication: 06 Dec 2018.

[Article]

AN: 625533969

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

679.

Machine learning assessment of myocardial ischemia using angiography: Development and retrospective validation.

Hae H., Kang S.-J., Kim W.-J., Choi S.-Y., Lee J.-G., Bae Y., Cho H., Yang D.H., Kang J.-W., Lim T.-H., Lee C.H., Kang D.-Y., Lee P.H., Ahn J.-M., Park D.-W., Lee S.-W., Kim Y.-H., Lee C.W., Park S.-W., Park S.-J.

Embase

PLoS Medicine. 15 (11) (no pagination), 2018. Article Number: e1002693. Date of Publication: November 2018.

[Article]

AN: 625384372

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

680.

Advancing the beneficial use of machine learning in health care and medicine: Toward a community understanding.

Nevin L.

Embase

PLoS Medicine. 15 (11) (no pagination), 2018. Article Number: e1002708. Date of Publication: November 2018.

[Editorial]

AN: 625384025

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

681.

A novel intensity-based multi-level classification approach for coronary plaque characterization in intravascular ultrasound images.

Kim G.Y., Lee J.H., Hwang Y.N., Kim S.M.

Embase

BioMedical Engineering Online. 17 (Supplement 2) (no pagination), 2018. Article Number: 151.

Date of Publication: 06 Nov 2018.

[Article]

AN: 624752852

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

682.

Deep learning analysis of the myocardium in coronary CT angiography for identification of patients with functionally significant coronary artery stenosis.

Zreik M., Lessmann N., van Hamersvelt R.W., Wolterink J.M., Voskuil M., Viergever M.A., Leiner T., Isgum I.

Embase

Medical Image Analysis. 44 (pp 72-85), 2018. Date of Publication: February 2018.

[Article]

AN: 619423580

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

683.

Automated interpretation of myocardial perfusion images with multilayer perceptron network as a decision support system.

Eftekhari M., Abbasi M., Tarafdari A., Emami-Ardekani A., Farzanefer S., Kalantari F., Fallahi B., Fard-Esfahani A., Beiki D., Naseri M., Saghari M.

Embase

Journal of Medical Imaging and Health Informatics. 8 (9) (pp 1844-1849), 2018. Date of Publication: December 2018.

[Article]

AN: 625911821

Publisher

American Scientific Publishers (E-mail: order@aspbs.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

684.

Impact of automatically detected motion artifacts on coronary calcium scoring in chest computed tomography.

Sprem J., De Vos B.D., Lessmann N., De Jong P.A., Viergever M.A., Isgum I.

Embase

Journal of Medical Imaging. 5 (4) (no pagination), 2018. Article Number: 044007. Date of Publication: 01 Oct 2018.

[Article]

AN: 625453990

Publisher

SPIE (E-mail: spie@spie.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

685.

The Effect of Exercise Training on Autonomic Cardiovascular Regulation: From Cardiac Patients to Athletes.

Iellamo F., Volterrani M., Di Gianfrancesco A., Fossati C., Casasco M.

Embase

Current Sports Medicine Reports. 17 (12) (pp 473-479), 2018. Date of Publication: 01 Dec 2018.

[Article]

AN: 625449668

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

686.

Deep neural networks for A-line-based plaque classification in coronary intravascular optical coherence tomography images.

Kolluru C., Prabhu D., Gharaibeh Y., Bezerra H., Guagliumi G., Wilson D.

Embase

Journal of Medical Imaging. 5 (4) (no pagination), 2018. Article Number: 044504. Date of Publication: 01 Oct 2018.

[Article]

AN: 625385998

Publisher

SPIE (E-mail: spie@spie.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

687.

Machine learning outperforms ACC/AHA CVD risk calculator in MESA.

Kakadiaris I.A., Vrigkas M., Yen A.A., Kuznetsova T., Budoff M., Naghavi M.

Embase

Journal of the American Heart Association. 7 (22) (no pagination), 2018. Article Number: e009476. Date of Publication: 01 Nov 2018.

[Article]

AN: 625146153

Publisher

American Heart Association Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

688.

Involvement of connexin hemichannels in the inflammatory response of chronic diseases.

Saez J.C., Green C.

Embase

International Journal of Molecular Sciences. 19 (9) (no pagination), 2018. Article Number: 2469.

Date of Publication: September 2018.

[Editorial]

AN: 623619415

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: indexing@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

689.

Diagnostic performance of machine-learning-based computed fractional flow reserve (FFR) derived from coronary computed tomography angiography for the assessment of myocardial ischemia verified by invasive FFR.

Hu X., Yang M., Han L., Du Y.

Embase

International Journal of Cardiovascular Imaging. 34 (12) (pp 1987-1996), 2018. Date of Publication: 01 Dec 2018.

[Article]

AN: 623352457

Publisher

Springer Netherlands (E-mail: rbk@louisiana.edu)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

690.

A clinical and proteomics approach to predict the presence of obstructive peripheral arterial disease: From the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) Study.

McCarthy C.P., Ibrahim N.E., van Kimmenade R.R.J., Gaggin H.K., Simon M.L., Gandhi P., Kelly N., Motiwala S.R., Mukai R., Magaret C.A., Barnes G., Rhyne R.F., Garasic J.M., Januzzi J.L.

Embase

Clinical Cardiology. 41 (7) (pp 903-909), 2018. Date of Publication: July 2018.

[Article]

AN: 623265191

Publisher

John Wiley and Sons Inc. (E-mail: cs-journals@wiley.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

691.

A meta-prediction of Methylene tetrahydrofolate-reductase polymorphisms and air pollution increased the risk of ischemic heart diseases worldwide.

Chen Z.-F., Young L., Yu C.H., Shiao S.P.K.

Embase

International Journal of Environmental Research and Public Health. 15 (7) (no pagination), 2018.

Article Number: 1453. Date of Publication: 10 Jul 2018.

[Article]

AN: 622961028

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: indexing@mdpi.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

692.

Cardiovascular imaging 2017 in the International Journal of Cardiovascular Imaging.

Reiber J.H.C., Alaiti A., Bezerra H.G., De Sutter J., Schoenhagen P., Stillman A.E., Van de Veire N.R.L.

Embase

International Journal of Cardiovascular Imaging. 34 (6) (pp 833-848), 2018. Date of Publication: 01 Jun 2018.

[Editorial]

AN: 621664646

Publisher

Springer Netherlands (E-mail: rbk@louisiana.edu)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

693.

Automated estimation of image quality for coronary computed tomographic angiography using machine learning.

Nakanishi R., Sankaran S., Grady L., Malpeso J., Yousfi R., Osawa K., Ceponiene I., Nazarat N., Rahmani S., Kissel K., Jayawardena E., Dailing C., Zarins C., Koo B.-K., Min J.K., Taylor C.A., Budoff M.J.

Embase

European Radiology. 28 (9) (pp 4018-4026), 2018. Date of Publication: 01 Sep 2018.

[Article]

AN: 621402543

Publisher

Springer Verlag (E-mail: service@springer.de)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

694.

Machine Learning Approach for Predicting Wall Shear Distribution for Abdominal Aortic Aneurysm and Carotid Bifurcation Models.

Jordanski M., Radovic M., Milosevic Z., Filipovic N., Obradovic Z.

Embase

IEEE Journal of Biomedical and Health Informatics. 22 (2) (pp 537-544), 2018. Date of Publication: March 2018.

[Article]

AN: 621007938

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

695.

Predicting Locations of High-Risk Plaques in Coronary Arteries in Patients Receiving Statin Therapy.

Zhang L., Wahle A., Chen Z., Lopez J.J., Kovarnik T., Sonka M.

Embase

IEEE Transactions on Medical Imaging. 37 (1) (pp 151-161), 2018. Article Number: 7973177.

Date of Publication: January 2018.

[Article]

AN: 617331395

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

696.

Blood-based biomarkers for predicting the risk for five-year incident coronary heart disease in the framingham heart study via machine learning.

Dogan M.V., Beach S.R.H., Simons R.L., Lendasse A., Penaluna B., Philibert R.A.

Embase

Genes. 9 (12) (no pagination), 2018. Article Number: 641. Date of Publication: 01 Dec 2018.

[Article]

AN: 2001351908

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: indexing@mdpi.com)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

697.

CT morphological index provides incremental value to machine learning based CT-FFR for predicting hemodynamically significant coronary stenosis.

Yu M., Lu Z., Li W., Wei M., Yan J., Zhang J.

Embase

International Journal of Cardiology. 265 (pp 256-261), 2018. Date of Publication: 15 August 2018.

[Article]

AN: 2000823739

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

[SFX Link](#)

698.

Automatic quantification of calcifications in the coronary arteries and thoracic aorta on radiotherapy planning CT scans of Western and Asian breast cancer patients.

Gernaat S.A.M., van Velzen S.G.M., Koh V., Emaus M.J., Isgum I., Lessmann N., Moes S., Jacobson A., Tan P.W., Grobbee D.E., van den Bongard D.H.J., Tang J.I., Verkooijen H.M.

Embase

Radiotherapy and Oncology. 127 (3) (pp 487-492), 2018. Date of Publication: June 2018.

[Article]

AN: 2000703290

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

699.

CarDiac MagnEtic Resonance for Primary Prevention Implantable CardioVerter DebrillAtor

ThErapy international registry: Design and rationale of the DERIVATE study.

Guaricci A.I., Masci P.G., Lorenzoni V., Schwitter J., Pontone G.

Embase

International Journal of Cardiology. 261 (pp 223-227), 2018. Date of Publication: 15 June 2018.

[Article]

AN: 2000541939

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

700.

Diagnostic performance of an artificial intelligence-driven cardiac-structured reporting system for myocardial perfusion SPECT imaging.

Garcia E.V., Klein J.L., Moncayo V., Cooke C.D., Del'Aune C., Folks R., Moreiras L.V., Esteves F.

Embase

Journal of Nuclear Cardiology. (no pagination), 2018. Date of Publication: 2018.

[Article In Press]

AN: 623929613

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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Link to the External Link Resolver:

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701.

Handmade trileaflet valve design and validation for patch-valved conduit reconstruction using generalized regression machine learning model.

Kan C.-D., Wang J.-N., Lin C.-H., Chen W.-L., Lu P.-J., Chan M.-Y., Wu J.-T.

Embase

Technology and Health Care. 26 (4) (pp 605-620), 2018. Date of Publication: 2018.

[Article]

AN: 624185521

Publisher

IOS Press (Nieuwe Hemweg 6B, Amsterdam 1013 BG, Netherlands)

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Link to the External Link Resolver:

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702.

Survival outcomes post percutaneous coronary intervention: Why the hype about stent type?
Lessons from a healthcare system in India.

Duggal B., Subramanian J., Duggal M., Singh P., Rajivlochan M., Saunik S., Desiraju K., Avhad
A., Ram U., Sen S., Agrawal A.

Embase

PLoS ONE. 13 (5) (no pagination), 2018. Article Number: e0196830. Date of Publication: May
2018.

[Article]

AN: 622267417

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

703.

A deep-learning classifier identifies patients with clinical heart failure using whole-slide images of H and e tissue.

Nirschl J.J., Janowczyk A., Peyster E.G., Frank R., Margulies K.B., Feldman M.D., Madabhushi A.

Embase

PLoS ONE. 13 (4) (no pagination), 2018. Article Number: e0192726. Date of Publication: April 2018.

[Article]

AN: 621516319

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

704.

Noninvasive Derivation of Fractional Flow Reserve From Coronary Computed Tomographic Angiography: A Review.

Benton S.M., Tesche C., De Cecco C.N., Duguay T.M., Schoepf U.J., Bayer R.R.

Embase

Journal of Thoracic Imaging. 33 (2) (pp 88-96), 2018. Date of Publication: 2018.

[Review]

AN: 621480536

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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705.

Artificial neural network retrained to detect myocardial ischemia using a Japanese multicenter database.

Nakajima K., Okuda K., Watanabe S., Matsuo S., Kinuya S., Toth K., Edenbrandt L.

Embase

Annals of Nuclear Medicine. 32 (5) (pp 303-310), 2018. Date of Publication: 01 Jun 2018.

[Article]

AN: 621089016

Publisher

Springer Tokyo (E-mail: orders@springer.jp)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

706.

Highlights of the Twelfth Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography.

Weir-McCall J.R., Villines T.C., Shaw L.J., Abbara S., Ferencik M., Nieman K., Achenbach S., Nicol E.

Embase

Journal of Cardiovascular Computed Tomography. 12 (1) (pp 3-7), 2018. Date of Publication:
January 2018.

[Conference Paper]

AN: 619411468

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

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707.

Non-invasive detection of coronary artery disease in high-risk patients based on the stenosis
prediction of separate coronary arteries.

Alizadehsani R., Hosseini M.J., Khosravi A., Khozeimeh F., Roshanzamir M., Sarrafzadegan N.,
Nahavandi S.

Embase

Computer Methods and Programs in Biomedicine. 162 (pp 119-127), 2018. Date of Publication:
August 2018.

[Article]

AN: 2000768412

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

708.

Machine learning in cardiac CT: Basic concepts and contemporary data.

Singh G., Al'Aref S.J., Van Assen M., Kim T.S., van Rosendaal A., Kolli K.K., Dwivedi A., Maliakal G., Pandey M., Wang J., Do V., Gummalla M., De Cecco C.N., Min J.K.

Embase

Journal of Cardiovascular Computed Tomography. 12 (3) (pp 192-201), 2018. Date of Publication: May - June 2018.

[Review]

AN: 2000753761

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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709.

Hypertension: time for doctors to switch the driver's seat?.

Rietzschel E.R., De Buyzere M.L.

Embase

The Lancet. 391 (10124) (pp 914-916), 2018. Date of Publication: 10 - 16 March 2018.

[Note]

AN: 2000486619

Publisher

Lancet Publishing Group (E-mail: cususerv@lancet.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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710.

CT fractional flow reserve for stable coronary artery disease: The ongoing journey.

Leipsic J.A., Koweek L.H.

Embase

Radiology. 287 (1) (pp 85-86), 2018. Date of Publication: April 2018.

[Editorial]

AN: 621393770

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

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711.

Subacute and chronic left ventricular myocardial scar: Accuracy of texture analysis on nonenhanced cine MR images.

Baessler B., Mannil M., Oebel S., Maintz D., Alkadhi H., Manka R.

Embase

Radiology. 286 (1) (pp 103-112), 2018. Date of Publication: January 2018.

[Article]

AN: 619945465

Publisher

Radiological Society of North America Inc. (820 Jorie Boulevard, Oak Brook IL 60523-2251, United States)

Link to the Ovid Full Text or citation:

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712.

Derivation and validation of machine learning approaches to predict acute kidney injury after cardiac surgery.

Lee H.-C., Yoon H.-K., Nam K., Cho Y.J., Kim T.K., Kim W.H., Bahk J.-H.

Embase

Journal of Clinical Medicine. 7 (10) (no pagination), 2018. Article Number: 322. Date of Publication: 03 Oct 2018.

[Article]

AN: 624234823

Publisher

MDPI AG (Postfach, Basel CH-4005, Switzerland. E-mail: indexing@mdpi.com)

Link to the Ovid Full Text or citation:

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713.

Characterization of coronary artery pathological formations from oct imaging using deep learning.

Abdolmanafi A., Duong L.U.C., Dahdah N., Adib I.R., Cheriet F.

Embase

Biomedical Optics Express. 9 (10) (pp 4936), 2018. Date of Publication: 01 Oct 2018.

[Article]

AN: 624234427

Publisher

OSA - The Optical Society (E-mail: custserv@osa.org)

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714.

Does Twitter language reliably predict heart disease? A commentary on Eichstaedt et al. (2015a).

Brown N.J.L., Coyne J.C.

Embase

PeerJ. 2018 (9) (no pagination), 2018. Article Number: e5656. Date of Publication: 2018.

[Article]

AN: 624102522

Publisher

PeerJ Inc. (E-mail: pete@peerj.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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715.

Readmission for Acute Decompensated Heart Failure among Patients Successfully Treated with Transcatheter Aortic Valve Replacement: A PARTNER-1 Substudy.

Petersen J.L., Blackstone E.H., Rajeswaran J., Cohen D.J., Douglas P.S., Hahn R.T., Kodali S., Svensson L.G., Leon M.B.

Embase

Structural Heart. 2 (4) (pp 316-327), 2018. Date of Publication: 04 Jul 2018.

[Article]

AN: 623935694

Publisher

Taylor and Francis Inc. (E-mail: customerservice@taylorandfrancis.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

716.

Histogram-based standardization of intravascular optical coherence tomography images acquired from different imaging systems.

Liu S., Dzyubachyk O., Eggermont J., Nakatani S., Lelieveldt B.P.F., Dijkstra J.

Embase

Medical Physics. 45 (9) (pp 4158-4170), 2018. Date of Publication: September 2018.

[Article]

AN: 623690883

Publisher

John Wiley and Sons Ltd. (E-mail: contentdelivery@wiley.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

717.

Radionuclide Imaging in Decision-Making for Coronary Revascularization in Stable Ischemic Heart Disease.

Wiefels C., Erthal F., deKemp R.A., Chong A.Y., Mielniczuk L.M., Mesquita C.T., Beanlands R.S.B., Promislow S.

Embase

Current Cardiovascular Imaging Reports. 11 (8) (no pagination), 2018. Article Number: 20. Date of Publication: 01 Aug 2018.

[Review]

AN: 622791471

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

718.

Cardiac CT: Technological Advances in Hardware, Software, and Machine Learning Applications.

Commandeur F., Goeller M., Dey D.

Embase

Current Cardiovascular Imaging Reports. 11 (8) (no pagination), 2018. Article Number: 19. Date of Publication: 01 Aug 2018.

[Review]

AN: 622791360

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

719.

Bat imperialist competitive algorithm (BICA) based feature selection and genetic fuzzy based improved kernel support vector machine (GF-IKSVM) classifier for diagnosis of cardiovascular heart disease.

Nithya S., Suresh Gnana Dhas C.

Embase

Biomedical Research (India). 2018 (Special Issue

ComputationalLifeSciencesandSmarterTechnologicalAdvancement) (pp S95-S104), 2018. Date of Publication: 2018.

[Article]

AN: 621285124

Publisher

Scientific Publishers of India

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

720.

A novel heart-mobile interface for detection and classification of heart sounds.

Thiyagaraja S.R., Dantu R., Shrestha P.L., Chitnis A., Thompson M.A., Anumandla P.T., Sarma T., Dantu S.

Embase

Biomedical Signal Processing and Control. 45 (pp 313-324), 2018. Date of Publication: August 2018.

[Article]

AN: 2000878113

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

721.

Incorporating high-frequency physiologic data using computational dictionary learning improves prediction of delayed cerebral ischemia compared to existing methods.

Megjhani M., Terilli K., Frey H.-P., Velazquez A.G., Doyle K.W., Connolly E.S., Roh D.J., Agarwal S., Claassen J., Elhadad N., Park S.

Embase

Frontiers in Neurology. 9 (MAR) (no pagination), 2018. Article Number: 122. Date of Publication: 07 Mar 2018.

[Article]

AN: 621042515

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

722.

Survey and classification of functional characteristics in neural network technique for the diagnosis of ischemic heart disease: A systematic review.

Ayani S., Moulaei K., Jahanbakhsh M., Moulaei R.

Embase

Journal of Isfahan Medical School. 35 (460) (pp 1830-1839), 2018. Date of Publication: February 2018.

[Review]

AN: 620745647

Publisher

Isfahan University of Medical Sciences(IUMS) (Hezar Jerib Avenue, P.O. Box 81745-319,
Isfahan, Iran, Islamic Republic of)

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723.

New Trends in Quantitative Nuclear Cardiology Methods.

Gomez J., Doukky R., Germano G., Slomka P.

Embase

Current Cardiovascular Imaging Reports. 11 (1) (no pagination), 2018. Article Number: 1. Date of
Publication: 01 Jan 2018.

[Review]

AN: 620250858

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

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724.

Integrated genetic and epigenetic prediction of coronary heart disease in the Framingham Heart Study.

Dogan M.V., Grumbach I.M., Michaelson J.J., Philibert R.A.

Embase

PLoS ONE. 13 (1) (no pagination), 2018. Article Number: e0190549. Date of Publication: January 2018.

[Article]

AN: 620020615

Publisher

Public Library of Science (E-mail: plos@plos.org)

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725.

Machine learning prediction of response to cardiac resynchronization therapy: Improvement vs. current guidelines.

Feeny A.K., Park C.J., Niebauer M.J., Chung M.K., Varma N., Sinha S.K., Spragg D.D., Rickard J.

Embase

Heart Rhythm. Conference: 39th Annual Scientific Sessions of the Heart Rhythm Society, Heart Rhythm 2018. United States. 15 (5 Supplement 1) (pp S102), 2018. Date of Publication: May 2018.

[Conference Abstract]

AN: 622470061

Publisher

Elsevier B.V.

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726.

Automatic aortic valve landmark localization in coronary CT angiography using colonial walk.

Al W.A., Jung H.Y., Yun I.D., Jang Y., Park H.-B., Chang H.-J.

Embase

PLoS ONE. 13 (7) (no pagination), 2018. Article Number: e0200317. Date of Publication: July 2018.

[Article]

AN: 623173583

Publisher

Public Library of Science (E-mail: plos@plos.org)

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727.

Unravelling the effects of mechanical physiological conditioning on cardiac adipose tissue-derived progenitor cells in vitro and in silico.

Llucia-Valldeperas A., Bragos R., Soler-Botija C., Roura S., Galvez-Monton C., Prat-Vidal C.,

Perea-Gil I., Bayes-Genis A.

Embase

Scientific reports. 8 (1) (pp 499), 2018. Date of Publication: 11 Jan 2018.

[Article]

AN: 624264607

Publisher

NLM (Medline)

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728.

Vulnerable Plaque Recognition Based on Attention Model with Deep Convolutional Neural Network.

Shi P., Xin J., Liu S., Deng Y., Zheng N.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018 (pp 834-837), 2018. Date of Publication: 01 Jul 2018.

[Article]

AN: 625010443

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

729.

Coronary Artery Segmentation by Deep Learning Neural Networks on Computed Tomographic Coronary Angiographic Images.

Huang W., Huang L., Lin Z., Huang S., Chi Y., Zhou J., Zhang J., Tan R.-S., Zhong L.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018 (pp 608-611), 2018. Date of Publication: 01 Jul 2018.

[Article]

AN: 625010257

Publisher

NLM (Medline)

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730.

Lumen Segmentation in Optical Coherence Tomography Images using Convolutional Neural Network.

Miyagawa M., Costa M.G.F., Gutierrez M.A., Costa J.P.G.F., Filho C.F.F.C.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018 (pp 600-603), 2018. Date of Publication: 01 Jul 2018.

[Article]

AN: 625010184

Publisher

NLM (Medline)

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731.

Combining Desorption Electrospray Ionization Mass Spectrometry Imaging and Machine Learning for Molecular Recognition of Myocardial Infarction.

Margulis K., Zhou Z., Fang Q., Sievers R.E., Lee R.J., Zare R.N.

Embase

Analytical chemistry. 90 (20) (pp 12198-12206), 2018. Date of Publication: 16 Oct 2018.

[Article]

AN: 624520538

Publisher

NLM (Medline)

Link to the Ovid Full Text or citation:

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732.

Scattering Transform of Heart Rate Variability for the Prediction of Ischemic Stroke in Patients with Atrial Fibrillation.

Leonarduzzi R., Abry P., Wendt H., Kiyono K., Yamamoto Y., Watanabe E., Hayano J.

Embase

Methods of information in medicine. 57 (3) (pp 141-145), 2018. Date of Publication: 01 May 2018.

[Article]

AN: 624524172

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733.

Cluster analysis of cardiovascular risk phenotypes in patients with type 2 diabetes and established atherosclerotic cardiovascular disease: A potential approach to precision medicine.

Sharma A., Zheng Y., Ezekowitz J.A., Westerhout C.M., Goodman S.G., Armstrong P.W., Buse J.B., Green J.B., Kaufman K.D., McGuire D.K., Ambrosio G., Chuang L.M., Lopes R.D., Peterson E.D., Holman R.R.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.

Germany. 39 (Supplement 1) (pp 871), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627251021

Publisher

Oxford University Press

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734.

Predictive accuracy of cardiac magnetic field dynamics and inverse solution to non-invasively detect ischemic heart disease with unshielded magnetocardiographic mapping at rest.

La Brocca L., Iacovino M.L., Fioravanti F., Sorbo A.R., Guida G.L., Fenici R., Brisinda D.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 760), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627249603

Publisher

Oxford University Press

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[SFX Link](#)

735.

Prediction of the risk of valve surgery and adverse events in patients with aortic stenosis:

Myocardial tissue characterization with radiomics.

Siegersma K.R., Zreik M., Coroller T.P., Dweck M.R., Everett R.J., Treibel T., Bhuvva A., Carneiro G., Van Den Hengel A., Nicholls S., Van Der Heijden F., Aerts H., Leiner T., Verjans J.W.H.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.
Germany. 39 (Supplement 1) (pp 1130), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627250046

Publisher

Oxford University Press

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736.

Machine-learning analysis of myocardial deformation patterns to predict incident heart failure or death in the general population.

Sanchez-Martinez S., Cikes M., Claggett B., Duchateau N., Piella G., Cheng S., Shah A., Bijmens B., Solomon S.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.
Germany. 39 (Supplement 1) (pp 225), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627250573

Publisher

Oxford University Press

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737.

Septal hypertrophy in aortic stenosis and its regression after valve replacement is more plastic in males than females: Insights from 3D machine learning approach.

Bhuva A., Treibel T.A., De Marvao A., Biffi C., Dawes T., Doumou G., Bai W., Oktay O., Jones S., Davies R., Chaturvedi N., Rueckert D., Hughes A., Moon J.C., Manisty C.H.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.

Germany. 39 (Supplement 1) (pp 1133), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627250298

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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738.

Gene-Environment interactions in the cellular axis of ischemic cardiopathy using machine learning models.

Pereira A., Palma Dos Reis R., Rodrigues R., Monteiro J., Sousa J.A., Sousa A.C., Henriques E., Rodrigues M., Guerra G., Borges S., Ornelas I., Drumond A., Mendonca M.I.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.
Germany. 39 (Supplement 1) (pp 338), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627252124

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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739.

Discrimination of fibrotic myocardium from healthy myocardium patients with aortic stenosis: A radiomics approach with machine learning models.

Siegersma K.R., Zreik M., Coroller T., Dweck M.R., Everett R.J., Treibel T., Bhuvana A., Carneiro G., Van Den Hengel A., Nicholls S., Van Der Heijden F., Aerts H., Leiner T., Verjans J.W.H.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.

Germany. 39 (Supplement 1) (pp 971-972), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627248189

Publisher

Oxford University Press

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740.

Machine learning to identify high-risk clusters of patients undergoing cardiac resynchronization therapy.

Tokodi M., Schwertner W.R., Kovacs A., Lakatos B.K., Kerulo M., Shrestha S., Geller L., Kosztin A., Merkely B.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 421), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627252785

Publisher

Oxford University Press

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741.

Machine learning improves the long-term prognostic value of sequential cardiac PET/CT.

Juarez-Orozco L.E., Maaniitty T., Martinez-Manzanera O., Saraste A., Knuuti J.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 627), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627247699

Publisher
Oxford University Press

Link to the Ovid Full Text or citation:
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742.

The prognostic value of deep learning in PET myocardial perfusion for cardiovascular events.
Juarez-Orozco L.E., Knol R.J.J., Martinez-Manzanera O., Van Der Zant F.M., Knuuti J.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018.
Germany. 39 (Supplement 1) (pp 269), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627214819

Publisher
Oxford University Press

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743.

Machine learning facilitates selecting a group of metabolites non-inferior to BNP for the diagnosis of chronic heart failure.

Marcinkiewicz-Siemion M., Ciborowski M., Kaminski M., Ptaszynska-Kopczynska K., Szpakowicz A., Lisowska A., Jasiewicz M., Waszkiewicz E., Kretowski A., Musial W.J., Kaminski K.A.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 222-223), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627214663

Publisher

Oxford University Press

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744.

Machine-learning algorithm utilizing serial high-sensitivity cardiac troponin I concentrations for ruling-out acute myocardial infarction.

Sandoval Y., Smith S., Sexter A., Schulz K., Apple F.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 221), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627214583

Publisher

Oxford University Press

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745.

Performance of a clinical/proteomic panel to predict obstructive peripheral artery disease in patients with and without diabetes mellitus.

McCarthy C., Shrestha S., Ibrahim N.E., Van Kimmenade R., Gaggin H.K., Mukai R., Magaret C.A., Barnes G., Rhyne R., Garasic J.M., Januzzi J.L.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 117), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627214233

Publisher

Oxford University Press

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746.

Predictive value of a biomarker panel for coronary plaque morphology in patients with stable coronary artery disease.

Bom M.J., Levin E., Driessen R.S., Danad I., Van Kuijk C.C., Van Rossum A.C., Van Royen N., Min J.K., Leipsic J.A., Taylor C.A., Nieuwdorp M., Koenig W., Groen A.K., Stroes E.S.G., Knaapen P.

Embase

European Heart Journal. Conference: European Society of Cardiology Congress, ESC 2018. Germany. 39 (Supplement 1) (pp 145), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 627214086

Publisher

Oxford University Press

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747.

Machine learning-based early identification of hemodynamic recovery process after heart transplantation.

Nakamura Y., Asanoi H., Toda K., Miyagawa S., Yoshikawa Y., Hata H., Yoshioka D., Kainuma S., Yoshida S., Sawa Y.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627104351

Publisher

Lippincott Williams and Wilkins

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748.

Automated assessment of high-risk coronary plaques using fully integrated catheter-based label-free fluorescence lifetime imaging (FLIM)-optical coherence tomography (OCT).

Kim S., Nam H.S., Kang W.J., Song J.W., Lee M.W., Joo Y.D., Oh W.-Y., Yoo H., Kim J.W.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States.

138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627103560

Publisher

Lippincott Williams and Wilkins

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749.

Fully automated 3d deeplearning analysis of coronary CT angiography : Prediction of fractional flow reserve.

Kawaguchi Y.O., Fujimoto S., Kumamaru K.K., Otsuka Y., Kato E., Aoshima C., Takamura K., Hiki M., Aoki S., Daida H.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627103170

Publisher

Lippincott Williams and Wilkins

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750.

Artificial intelligence to identify acute coronary syndroms: Detection of vulnerable coronary plaques in OCT images with deep learning.

Deng Y.-Y., Liu S., Shi P., Xin J., Zheng N., Wu Y., Yuan Z.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627103146

Publisher

Lippincott Williams and Wilkins

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751.

A deep learning approach for automated diagnosis of regional wall motion abnormality on echocardiography: A preliminary study.

Kusunose K., Abe T., Haga A., Yamada H., Fukuda D., Harada M., Sata M.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627103055

Publisher

Lippincott Williams and Wilkins

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752.

Novel prediction model based on machine learning algorithm to identify rapid coronary plaque progressor using quantitative assessment of coronary computed tomography angiography.

Han D., Kolli K.K., Gransar H., Lin F.Y., Lee J.H., Rizvi A., Kumar A., Lee S.-E., Sung J.-M., Park H.-B., Heo R., Andreini D., Budoff M.J., Cademartiri F., Chinnaiyan K., Choi J.H., Conte E., Gottlieb I., Hadamitzky M., Leipsic J., Maffei E., Marques H., Pontone G., Raff G.L., Shin S., Kim Y.-J., Lee B.K., Chun E.J., Bax J.J., Berman D.S., Shaw L.J., Narula J., Min J., Chang H.-J.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States.
138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 627103021

Publisher

Lippincott Williams and Wilkins

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753.

Malignancy type impacts coronary lesion severity and location: Multivariable regression with
concurrent machine learning-backed case-control analysis.

Boone D.L., Monlezun D.J., Cervoni-Curet F., Chohan J., Sunny J., Bhatti K., Balanescu D.V.,
Donisan T., Iliescu G., Palaskas N., Lopez-Mattei J., Hassan S., Kim P., Durand J.-B., Balanescu
S.M., Marmagiolis K., Gonzalez E.D.M., Okwuosa T.M., Iliescu C.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States.
138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626956418

Publisher

Lippincott Williams and Wilkins

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754.

Locus-specific repetitive element DNA methylation, cardiovascular health, and coronary artery calcification in the coronary artery risk development in young adults study.

Zheng Y., Gao T., Joyce B.T., Nannini D.R., Liu K., Kocherginsky M., Wang J., Allen N.B., Krefman A.E., Jacobs D.R., Gross M., Greenland P., Lloyd-Jones D.M., Hou L.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626956212

Publisher

Lippincott Williams and Wilkins

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755.

A novel risk prediction model of atrial fibrillation: The multi-ethnic study of atherosclerosis (MESA).

Bundy J.D., Heckbert S.R., Chen L.Y., Lloyd-Jones D.M., Greenland P.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955972

Publisher

Lippincott Williams and Wilkins

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756.

Machine learning outperforms ACC/AHA CVD risk calculator in mesa offering new opportunities for short-term risk prediction and early detection of the vulnerable patient.

Kakadiaris I.A., Vrigkas M., Yen A., Kuznetsova T., Budoff M., Naghavi M.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States.

138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955877

Publisher

Lippincott Williams and Wilkins

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757.

Validation of an artificial intelligence algorithm for diagnostic prediction of coronary disease in patients with acute thoracic pain: Comparison with a human intelligence model.

Lacerda Y.F., Bagano G.O., Lopes D., Correia V.C., Fonseca L.L., Souza T.M., Kertzman L.Q., Lopes F.O., Lino L.M., Filgueiras P.H., Rabelo M.M., Correia L.C.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955828

Publisher

Lippincott Williams and Wilkins

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758.

A machine-learning model in predicting hemodynamically significant coronary artery disease: A prospective cohort study.

Liu Y., Dai X., Wolf H., Wade T.C., Stouffer G.A.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955827

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

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759.

Predictive value of targeted proteomics for coronary plaque morphology in patients with stable coronary artery disease.

Bom M.J., Levin E., Driessen R.S., Danad I., Van Kuijk C.C., Van Rossum A.C., Narula J., Min J.K., Leipsic J.A., Pereira J.P.B., Taylor C.A., Nieuwdorp M., Rajmakers P.G., Koenig W., Groen A.K., Stroes E.S., Knaapen P.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955711

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

[SFX Link](#)

760.

A next-generation artificial intelligence- based integrated genetic-epigenetic prediction of 5-year risk for coronary heart disease.

Dogan M.V., Simons R.L., Beach S., Lendasse A., Philibert R.A.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955584

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

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761.

A machine learning approach to identify predictors of mortality in patients with atherosclerotic cardiovascular disease.

Dikilitas O., He B., Kullo I.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955464

Publisher

Lippincott Williams and Wilkins

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762.

Novel electrocardiographic criteria for the diagnosis of left ventricular hypertrophy derived with bayesian additive regression trees: The multi-ethnic study of atherosclerosis.

Sparapani R., Dabbouseh N., Gutterman D., Zhang J., Chen H., Bluemke D., Lima J., Burke G., Soliman E.

Embase

Circulation. Conference: 2018 American Heart Association Scientific Sessions. United States. 138 (Supplement 1) (no pagination), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 626955453

Publisher

Lippincott Williams and Wilkins

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763.

Effects of re-training on neural network diagnosis to detect ischemia in myocardial perfusion imaging: Comparison of two modes of trainings.

Nakajima K., Okuda K., Watanabe S., Matsuo S., Wakabayashi H., Kinuya S., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 31st Annual Congress of the European Association of Nuclear Medicine, EANM 2018. Germany. 45 (Supplement 1) (pp S93), 2018. Date of Publication: October 2018.

[Conference Abstract]

AN: 626433721

Publisher

Springer Berlin Heidelberg

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Link to the External Link Resolver:

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764.

Identifying Mediate Adverse Events Through Deep Learning and PET Myocardial Perfusion Imaging.

Juarez-Orozco L.E., Knol R.J., Martinez-Manzanera O., van der Zant F.M., Knuuti J.

Embase

Global Heart. Conference: World Congress of Cardiology & Cardiovascular Health 2018. United Arab Emirates. 13 (4) (pp 373), 2018. Date of Publication: December 2018.

[Conference Abstract]

AN: 2001223503

Publisher

Elsevier B.V.

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765.

Machine Learning Approaches Improve Noninvasive Prediction of Ischemic From Non-Ischemic Cardiomyopathies.

Baydoun M., Safatly L., Walsh J., Abou Hassan O., Jaroudi W., El Hajj A., Ghaziri H., Isma'eel H.

Embase

Global Heart. Conference: World Congress of Cardiology & Cardiovascular Health 2018. United Arab Emirates. 13 (4) (pp 404), 2018. Date of Publication: December 2018.

[Conference Abstract]

AN: 2001223483

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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766.

Underutilization of Artificial Intelligence by Vascular Specialists.

Rajasinghe H.A., Miller L.E., Chahwan S.H., Zamora A.J.

Embase

Journal of Vascular Surgery. Conference: VEITHsymposium. United States. 68 (5 Supplement) (pp e148-e149), 2018. Date of Publication: November 2018.

[Conference Abstract]

AN: 2001190461

Publisher
Mosby Inc.

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Link to the External Link Resolver:
[SFX Link](#)

767.

Machine learning to diagnose cad from spect MPI: A preliminary study.

Jiang Z., He Z., Zhu F., Tang H., Li D., Zhang C., Zhou W.

Embase

Journal of Nuclear Cardiology. Conference: 23rd Annual Scientific Session of the American Society of Nuclear Cardiology, ASNC 2018. United States. 25 (4) (pp 1448), 2018. Date of Publication: August 2018.

[Conference Abstract]

AN: 623901866

Publisher

Springer New York LLC

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[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

768.

Beyond stenosis: Plaque and ischemia assessments by coronary cta.

Berman D.S., Otaki Y., Friedman J., Hayes S., Thomson L., Eisenberg E., Rozanski A., Slomka P., Dey D., Tamarappoo B.K.

Embase

Cardiology (Switzerland). Conference: 23rd World Congress on Heart Disease International Academy of Cardiology Annual Scientific Sessions 2018. United States. 140 (Supplement 1) (pp 23), 2018. Date of Publication: 2018.

[Conference Abstract]

AN: 623414766

Publisher

S. Karger AG

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Link to the External Link Resolver:

[SFX Link](#)

769.

Myocardial trabeculae improve left ventricular function: A combined UK Biobank and computational analysis.

Dawes T., Serrani M., Bai W., Cai J., De Marvao A., Matthews P., Reuckert D., Cook S., Costantino M., O'Regan D.

Embase

Anaesthesia. Conference: AAGBI GAT Annual Scientific Meeting 2018. United Kingdom. 73 (Supplement 3) (pp 12), 2018. Date of Publication: July 2018.

[Conference Abstract]

AN: 623075498

Publisher

Blackwell Publishing Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

770.

Moderated poster analysis of aortic stenosis using artificial intelligence.

Playford D., Bordin E., Talbot L., Mohamad R., Anderson B., Strange G.

Embase

Journal of the American Society of Echocardiography. Conference: 29th Annual Scientific Sessions of the American Society of Echocardiography, ASE 2018. United States. 31 (6) (pp B101), 2018. Date of Publication: June 2018.

[Conference Abstract]

AN: 623037013

Publisher

Mosby Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

771.

Hypertension and atherogenic lipid profiles are associated independently and in data mined clusters.

Sposito A., Filho R.D., Fonseca L.M., Abrao T.C., Pereira A., Saldanha A., Gazon V., Martinez T.L.

Embase

Atherosclerosis Supplements. Conference: 18th International Symposium on Atherosclerosis, ISA 2018. Canada. 32 (pp 78-79), 2018. Date of Publication: June 2018.

[Conference Abstract]

AN: 623022270

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

772.

Radiomics analysis of clinical myocardial perfusion spect to predict coronary artery calcification.

Ashrafinia S., Dalaie P., Yan R., Ghazi P., Marcus C., Taghipour M., Huang P., Pomper M., Schindler T., Rahmim A.

Embase

Journal of Nuclear Medicine. Conference: Society of Nuclear Medicine and Molecular Imaging Annual Meeting, SNMMI 2018. United States. 59 (Supplement 1) (no pagination), 2018. Date of Publication: May 2018.

[Conference Abstract]

AN: 623022211

Publisher

Society of Nuclear Medicine Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

773.

Machine learning predicts early coronary revascularization after fast myocardial SPECT: Results from multicenter REFINE SPECT registry.

Hu L.-H., Betancur J., Sharir T., Einstein A., Fish M., Ruddy T., Kaufmann P., Sinusas A., Miller E., Bateman T., Dorbala S., Carli M., Germano G., Otaki Y., Tamarappoo B., Dey D., Berman D., Slomka P.

Embase

Journal of Nuclear Medicine. Conference: Society of Nuclear Medicine and Molecular Imaging Annual Meeting, SNMMI 2018. United States. 59 (Supplement 1) (no pagination), 2018. Date of Publication: May 2018.

[Conference Abstract]

AN: 623022140

Publisher

Society of Nuclear Medicine Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

774.

Automatic deep learning analysis of upright-supine high-speed SPECT myocardial perfusion imaging for prediction of obstructive coronary artery disease: A multicenter study.

Betancur J., Hu L.-H., Commandeur F., Sharir T., Einstein A., Bokhari S., Mathews F., Ruddy T., Kaufmann P., Sinusas A., Miller E., Bateman T., Dorbala S., Di Carli M., Germano G., Otaki Y., Tamarappoo B., Dey D., Berman D., Slomka P.

Embase

Journal of Nuclear Medicine. Conference: Society of Nuclear Medicine and Molecular Imaging Annual Meeting, SNMMI 2018. United States. 59 (Supplement 1) (no pagination), 2018. Date of Publication: May 2018.

[Conference Abstract]

AN: 623021917

Publisher

Society of Nuclear Medicine Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

775.

CT imaging determinants of epicardial ventricular size in smokers.

Rahaghi F.N., Nardelli P., Vegas-Sanchez-Ferrer G., Ash S., Diaz A., Come C.E., Ross J., Labaki W.W., Han M.K., Kinney G., Celli B.R., Cuttica M.J., Agusti A., Wells J.M., Bhatt S.P., Kalhan R., Hokanson J.E., Dransfield M.T., Washko G.R., San Jose Estepar R.

Embase

American Journal of Respiratory and Critical Care Medicine. Conference: American Thoracic Society International Conference, ATS 2018. United States. 197 (MeetingAbstracts) (no pagination), 2018. Date of Publication: 2018.

[Conference Abstract]

AN: 622967485

Publisher

American Thoracic Society

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

776.

Early quantitative EEG reactivity predicts 6-month outcome in hypoxic ischemic brain injury.

Amorim E., Van Der Stoel M., Nagaraj S., Ghassemi M., Jing J., Lee J., Cash S., Westover M.B.

Embase

Clinical Neurophysiology. Conference: 31st International Congress of Clinical Neurophysiology, ICCN of the IFCN. United States. 129 (Supplement 1) (pp e101), 2018. Date of Publication: May 2018.

[Conference Abstract]

AN: 622819977

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

[SFX Link](#)

777.

Plaque classification in coronary arteries from IVOCT images using convolutional neural networks and transfer learning.

Gessert N., Heyder M., Latus S., Lutz M., Schlaefel A.

Embase

International Journal of Computer Assisted Radiology and Surgery. Conference: 32nd International Congress and Exhibition of the Computer Assisted Radiology and Surgery, CARS 2018. Germany. 13 (Supplement 1) (pp S99-S100), 2018. Date of Publication: June 2018.

[Conference Abstract]

AN: 622627397

Publisher

Springer Verlag

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

778.

Comprehensive characterization of premature coronary heart disease in the NHLBI long term transplant survivor cohort.

Battiwalla M., Chen M., Doucette K., Le R., Jain N., Chawla U., Biancotto A., Koklanaris E., Remaley A., Anandi P., Childs R., Ito S., Pophali P., Tian X., Barrett J.

Embase

Supportive Care in Cancer. Conference: 2018 Joint Meeting of the Multinational Association of Supportive Care in Cancer, MASCC and the International Society of Oral Oncology, ISOO 2018. Austria. 26 (2 Supplement 1) (pp S289), 2018. Date of Publication: 2018.

[Conference Abstract]

AN: 622327348

Publisher

Springer Verlag

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

779.

Machine learning finds a novel non-linear relationship between severity of peripheral arterial disease, functional limitation and symptom severity category: Endovascular and peripheral interventions (including neurovascular and carotid).

Ali A., Baloch Z.Q.

Embase

Catheterization and Cardiovascular Interventions. Conference: 41st Annual Scientific Sessions of the Society for Cardiovascular Angiography and Interventions. United States. 91 (Supplement 2) (pp S92), 2018. Date of Publication: April 2018.

[Conference Abstract]

AN: 622146116

Publisher

John Wiley and Sons Inc.

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Link to the External Link Resolver:

[SFX Link](#)

780.

A dynamic machine-learning based prediction model for sepsis in patients undergoing hematopoietic stem cell transplantation.

Dadwal S.S., Eftekhari Z., Thomas T., Munu J., Yang D., Mokhtari S., Russell A., Nakamura R.

Embase

Biology of Blood and Marrow Transplantation. Conference: 2018 Blood and Marrow Transplantation Tandem Meetings, BMT 2018. United States. 24 (3 Supplement 1) (pp S373-S374), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621900148

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

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781.

A machine learning model predicts individuals who improve coronary artery plaque fibrous cap thickness following high-intensity statin therapy.

Johnson K., Khader S., Glicksberg B.S., Vengrenyuk Y., Divaraniya A.A., Li L., Sharma S.K., Narula J., Dudley J., Kini A.S.

Embase

Journal of the American College of Cardiology. Conference: 67th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.18. United States. 71 (11 Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621786180

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

782.

Unsupervised machine learning algorithm to identify high and low risk patients following CRT implantation.

Tokodi M., Schwertner W., Perge P., Kosztin A., Lakatos B., Shrestha S., Kovacs A., Merkely B.

Embase

Journal of the American College of Cardiology. Conference: 67th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.18. United States. 71 (11 Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621785695

Publisher

Elsevier USA

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

783.

Machine learning in predicting coronary heart disease and cardiovascular disease events:

Results from the multi-ethnic study of atherosclerosis (mesa).

Nakanishi R., Dey D., Commandeur F., Slomka P., Betancur J., Gransar H., Dailing C., Osawa K., Berman D., Budoff M.

Embase

Journal of the American College of Cardiology. Conference: 67th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.18. United States. 71 (11 Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621785457

Publisher

Elsevier USA

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[Click here for full text options](#)

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[SFX Link](#)

784.

A novel ensemble machine learning-based method versus clinical risk scoring for discrimination of individuals who will versus will not experience acute coronary syndrome after coronary computed tomographic angiography: Results from the iconic study.

Al'Aref S., Maliakal G., Cheng M., Kolli K., Singh G., Pandey M., Kumar A., Dwivedi A., Andreini D., Cademartiri F., Chinnaiyan K., Chow B., Cury R., Feuchtner G., Hadamitzky M., Kim Y.-J., Leipsic J., Marques H., Pontone G., Villines T., Berman D., Budoff M., Bax J.J., Chang H.-J., Min J.K.

Embase

Journal of the American College of Cardiology. Conference: 67th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.18. United States. 71 (11 Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621784816

Publisher

Elsevier USA

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[SFX Link](#)

785.

Prediction model of pathogenic gene of coronary heart disease based on machine learning.

Huang Y.L., Sajid A.

Embase

Basic and Clinical Pharmacology and Toxicology. Conference: 2017 International Conference on Human Health and Medical Engineering, HHME 2017. China. 122 (Supplement 2) (pp 32), 2018.

Date of Publication: March 2018.

[Conference Abstract]

AN: 621676303

Publisher

Blackwell Publishing Ltd

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786.

Heart failure phenotypes can be predicted in ex vivo human cardiac tissue slices using electrogram morphology and machine learning algorithms.

Tzortzis K., Simon A., Perbellini F., Terracciano C., Chowdhury R.A., Peters N.S., Cantwell C.D.

Embase

Journal of Interventional Cardiac Electrophysiology. Conference: 14th Annual Congress of the European Cardiac Arrhythmia Society, ECAS 2018. France. 51 (1 Supplement 1) (pp S79-S80), 2018. Date of Publication: 2018.

[Conference Abstract]

AN: 621615771

Publisher

Springer New York LLC

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

787.

Validation of a new cardiovascular risk model: Performance of a neural network and the ACC/AHA pooled cohort equations across four diverse us prospective cohort studies.

Biryukov S., Afshin A.

Embase

Circulation. Conference: American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2018. United States. 137 (Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621615506

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

788.

Health informatics: A new hope for familial hypercholesterolemia.

Joseph A.P., Mullett C.J., Armistead M., Cox J., Denney M., Neal W.A., Pyles L.A.

Embase

Circulation. Conference: American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2018. United States. 137 (Supplement 1) (no pagination), 2018. Date of Publication: March 2018.

[Conference Abstract]

AN: 621615465

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

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789.

Impact of continuous maternal life-log monitoring for prediction of hypertensive disorders of pregnancy in maternity log study.

Yamauchi T., Ochi D., Tsunemoto Y., Wagata M., Yamashita R., Harada Y., Tanabe O.,
Yaegashi N., Hiyama S., Nagasaki M., Sugawara J.

Embase

Reproductive Sciences. Conference: 65th Annual Scientific Meeting of the Society for
Gynecologic Investigation, SGI 2018. United States. 25 (1) (pp 223A), 2018. Date of Publication:
March 2018.

[Conference Abstract]

AN: 621267405

Publisher

SAGE Publications Inc.

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790.

RNA expression differentiates large artery and cardioembolic stroke: A pilot analysis from the
base trial.

Jauch E.C., Barreto A.D., Broderick J.P., Char D.M., Cucchiara B.L., Hicks W.J., Jickling G.C.,
June J.G., Liebeskind D.S., Miller J.B., Morgan J., O'Neill J., Schoonover T., Sharp F., Peacock
W.F., Lowenkopf T.J., Huang D.Y.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2018 International
Stroke Conference and State-of-the-Science Stroke Nursing Symposium. United States. 49
(Supplement 1) (no pagination), 2018. Date of Publication: January 2018.

[Conference Abstract]

AN: 621004826

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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791.

Modern prevention: Genetic testing, vascular imaging, machine learning, and drug safety.

Luscher T.F.

Embase

European Heart Journal. 38 (23) (pp 1777-1780), 2017. Date of Publication: 14 Jun 2017.

[Review]

AN: 623665525

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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792.

Cardiovascular Risk Prediction: Widening the Net.

Paynter N.P.

Embase

Circulation Research. 121 (9) (pp 1032-1033), 2017. Date of Publication: 13 Oct 2017.

[Editorial]

AN: 620308439

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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793.

Radiomics to Identify High-Risk Atherosclerotic Plaque from Computed Tomography: The Power of Quantification.

Dey D., Commandeur F.

Embase

Circulation: Cardiovascular Imaging. 10 (12) (no pagination), 2017. Article Number: e007254.

Date of Publication: 01 Dec 2017.

[Editorial]

AN: 619946155

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

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Link to the External Link Resolver:

[SFX Link](#)

794.

Editorial.

Cocchi M.

Embase

Journal of Integrative Neuroscience. 16 (s1) (pp S1-S2), 2017. Date of Publication: 2017.

[Editorial]

AN: 619889995

Publisher

IOS Press (E-mail: tech@imrpress.org)

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795.

Association of multiorgan computed tomographic phenomaps with adverse cardiovascular health outcomes: The Framingham Heart Study.

Shah R.V., Yeri A.S., Murthy V.L., Massaro J.M., D'Agostino R., Freedman J.E., Long M.T., Fox C.S., Das S., Benjamin E.J., Vasan R.S., O'Donnell C.J., Hoffmann U.

Embase

JAMA Cardiology. 2 (11) (pp 1236-1246), 2017. Date of Publication: November 2017.

[Article]

AN: 619378697

Publisher

American Medical Association (E-mail: smcleod@itsa.ucsf.edu)

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Link to the External Link Resolver:

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796.

Generative adversarial networks for noise reduction in low-dose CT.

Wolterink J.M., Leiner T., Viergever M.A., Isgum I.

Embase

IEEE Transactions on Medical Imaging. 36 (12) (pp 2536-2545), 2017. Article Number: 7934380.

Date of Publication: December 2017.

[Article]

AN: 627131448

Publisher

Institute of Electrical and Electronics Engineers Inc.

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

797.

ASNC imaging guidelines for nuclear cardiology procedures: Standardized reporting of nuclear cardiology procedures.

Tilkemeier P.L., Bourque J., Douky R., Sanghani R., Weinberg R.L.

Embase

Journal of Nuclear Cardiology. 24 (6) (pp 2064-2128), 2017. Date of Publication: 01 Dec 2017.

[Article]

AN: 618319144

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

798.

Diagnostic accuracy of an artificial neural network compared with statistical quantitation of myocardial perfusion images: A Japanese multicenter study.

Nakajima K., Kudo T., Nakata T., Kiso K., Kasai T., Taniguchi Y., Matsuo S., Momose M., Nakagawa M., Sarai M., Hida S., Tanaka H., Yokoyama K., Okuda K., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. 44 (13) (pp 2280-2289), 2017.

Date of Publication: 2017.

[Article]

AN: 621182750

Publisher

Springer Berlin Heidelberg (E-mail: service@springer.de)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

799.

Wall-based measurement features provides an improved IVUS coronary artery risk assessment when fused with plaque texture-based features during machine learning paradigm.

Banchhor S.K., Londhe N.D., Araki T., Saba L., Radeva P., Laird J.R., Suri J.S.

Embase

Computers in Biology and Medicine. 91 (pp 198-212), 2017. Date of Publication: 01 Dec 2017.

[Article]

AN: 618944792

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

800.

A statistical analysis based recommender model for heart disease patients.

Mustaqeem A., Anwar S.M., Khan A.R., Majid M.

Embase

International Journal of Medical Informatics. 108 (pp 134-145), 2017. Date of Publication: December 2017.

[Article]

AN: 618780870

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

801.

Long-Term Prognostic Value of Coronary Computed Tomography Angiography.

Arrey-Mbi T.B., Klusewitz S.M., Villines T.C.

Embase

Current Treatment Options in Cardiovascular Medicine. 19 (12) (no pagination), 2017. Article Number: 90. Date of Publication: 01 Dec 2017.

[Review]

AN: 618761229

Publisher

Springer Healthcare

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

802.

Mathematical modeling of the in-stent restenosis risk of patients with coronary heart disease.

Sivakov S.I., Nikitin V.M., Afanasiev Y.I., Penzev K.I., Grigorova S.Y.

Embase

Drug Invention Today. 9 (3) (pp 44-47), 2017. Date of Publication: 01 Dec 2017.

[Article]

AN: 621573655

Publisher

JPR Solutions (E-mail: editorparial@gmail.com)

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Link to the External Link Resolver:

[SFX Link](#)

803.

Cardiovascular Event Prediction by Machine Learning: The Multi-Ethnic Study of Atherosclerosis.

Ambale-Venkatesh B., Yang X., Wu C.O., Liu K., Gregory Hundley W., McClelland R., Gomes A.S., Folsom A.R., Shea S., Guallar E., Bluemke D.A., Lima J.A.C.

Embase

Circulation Research. 121 (9) (pp 1092-1101), 2017. Date of Publication: 13 Oct 2017.

[Article]

AN: 620308656

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

804.

Application of ensemble algorithm integrating multiple criteria feature selection in coronary heart disease detection.

Qin C.-J., Guan Q., Wang X.-P.

Embase

Biomedical Engineering - Applications, Basis and Communications. 29 (6) (no pagination), 2017.

Article Number: 1750043. Date of Publication: 01 Dec 2017.

[Article]

AN: 620016172

Publisher

World Scientific Publishing Co. Pte Ltd (E-mail: wspc@wspc.com.sg)

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Link to the External Link Resolver:

[SFX Link](#)

805.

Stem cells and heart disease - Brake or accelerator?.

Steinhoff G., Nesteruk J., Wolfien M., Grosse J., Ruch U., Vasudevan P., Muller P.

Embase

Advanced Drug Delivery Reviews. 120 (pp 2-24), 2017. Date of Publication: 1 October 2017.

[Review]

AN: 619197833

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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806.

Coronary Computed Tomographic Angiography-Derived Fractional Flow Reserve for Therapeutic Decision Making.

Tesche C., Vliegenthart R., Duguay T.M., De Cecco C.N., Albrecht M.H., De Santis D., Langenbach M.C., Varga-Szemes A., Jacobs B.E., Jochheim D., Baquet M., Bayer R.R., Litwin S.E., Hoffmann E., Steinberg D.H., Schoepf U.J.

Embase

American Journal of Cardiology. 120 (12) (pp 2121-2127), 2017. Date of Publication: 15 Dec 2017.

[Article]

AN: 619197745

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Elsevier Inc. (E-mail: usjcs@elsevier.com)

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[SFX Link](#)

807.

IL17eScan: A tool for the identification of peptides inducing IL-17 response.

Gupta S., Mittal P., Madhu M.K., Sharma V.K.

Embase

Frontiers in Immunology. 8 (OCT) (no pagination), 2017. Article Number: 1430. Date of Publication: 31 Oct 2017.

[Article]

AN: 618987357

Publisher

Frontiers Media S.A. (E-mail: info@frontiersin.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

808.

Neural Network-Based Coronary Heart Disease Risk Prediction Using Feature Correlation Analysis.

Kim J.K., Kang S.

Embase

Journal of Healthcare Engineering. 2017 (no pagination), 2017. Article Number: 2780501. Date of Publication: 2017.

[Article]

AN: 618352442

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809.

Clinical Biomarkers and the Discovery of Unexpected Prognostic Information.

Horne B.D.

Embase

Journal of the American College of Cardiology. 69 (9) (pp 1170-1171), 2017. Date of Publication:
07 Mar 2017.

[Editorial]

AN: 614634351

Publisher

Elsevier USA

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810.

Machine Learning in Cardiac CT.

Landreth S.P., Spearman J.V.

Embase

Current Radiology Reports. 5 (10) (no pagination), 2017. Article Number: 49. Date of Publication:
01 Oct 2017.

[Review]

AN: 617642297

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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Link to the External Link Resolver:

[SFX Link](#)

811.

Artificial neural network for prediction of in-hospital mortality after open repair of ruptured abdominal aortic aneurysm.

Luebke T., Majd P., Mylonas S.N., Brunkwall J.

Embase

Journal of Cardiovascular Surgery. 58 (5) (pp 794-796), 2017. Date of Publication: October 2017.

[Letter]

AN: 617294913

Publisher

Edizioni Minerva Medica (E-mail: subscriptions.dept@minervamedica.it)

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812.

More hemodynamic monitoring for personalized treatment in circulatory failure.

Van Der Horst I.C.C., Scheeren T.W.L.

Embase

Current Opinion in Critical Care. 23 (4) (pp 291-292), 2017. Date of Publication: 01 Aug 2017.

[Review]

AN: 617185255

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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813.

The impact of post-stroke complications on in-hospital mortality depends on stroke severity.

Bustamante A., Giralto D., Garcia-Berrocso T., Rubiera M., Alvarez-Sabin J., Molina C., Serena J., Montaner J.

Embase

European Stroke Journal. 2 (1) (pp 54-63), 2017. Date of Publication: 01 Mar 2017.

[Article]

AN: 616792994

Publisher

SAGE Publications Ltd (E-mail: info@sagepub.co.uk)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

814.

The New Era of Computational Fluid Dynamics in CT Angiography: Far Beyond the FFR Number.

Pontone G., Rabbat M.G.

Embase

JACC: Cardiovascular Imaging. 10 (6) (pp 674-676), 2017. Date of Publication: June 2017.

[Editorial]

AN: 614029497

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

815.

What is the optimal anatomic location for coronary artery pressure measurement at CT-derived FFR?.

Solecki M., Kruk M., Demkow M., Schoepf U.J., Reynolds M.A., Wardziak L., Dzielinska Z., Spiewak M., Milosz-Wieczorek B., Malek L., Marczak M., Kepka C.

Embase

Journal of Cardiovascular Computed Tomography. 11 (5) (pp 397-403), 2017. Date of Publication: September 2017.

[Article]

AN: 618020438

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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Link to the External Link Resolver:

[SFX Link](#)

816.

Combining deep learning and level set for the automated segmentation of the left ventricle of the heart from cardiac cine magnetic resonance.

Ngo T.A., Lu Z., Carneiro G.

Embase

Medical Image Analysis. 35 (pp 159-171), 2017. Date of Publication: 01 Jan 2017.

[Article]

AN: 611196535

Publisher

Elsevier B.V.

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Link to the External Link Resolver:

[SFX Link](#)

817.

Automatic segmentation of the lumen region in intravascular images of the coronary artery.

Jodas D.S., Pereira A.S., Tavares J.M.R.S.

Embase

Medical Image Analysis. 40 (pp 60-79), 2017. Date of Publication: August 2017.

[Article]

AN: 616791444

Publisher
Elsevier B.V.

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818.

Improving automated multiple sclerosis lesion segmentation with a cascaded 3D convolutional neural network approach.

Valverde S., Cabezas M., Roura E., Gonzalez-Villa S., Pareto D., Vilanova J.C., Ramio-Torrenta L., Rovira A., Oliver A., Llado X.

Embase

NeuroImage. 155 (pp 159-168), 2017. Date of Publication: 15 Jul 2017.

[Article]

AN: 615828529

Publisher

Academic Press Inc. (E-mail: apjcs@harcourt.com)

Link to the Ovid Full Text or citation:
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Link to the External Link Resolver:
[SFX Link](#)

819.

Management of atrial fibrillation with rapid ventricular response in the intensive care unit: A secondary analysis of electronic health record data.

Moskowitz A., Chen K.P., Cooper A.Z., Chahin A., Ghassemi M.M., Celi L.A.

Embase

Shock. 48 (4) (pp 436-440), 2017. Date of Publication: 01 Oct 2017.

[Article]

AN: 614964784

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

820.

A Combination of Constitutive Damage Model and Artificial Neural Networks to Characterize the Mechanical Properties of the Healthy and Atherosclerotic Human Coronary Arteries.

Karimi A., Rahmati S.M., Sera T., Kudo S., Navidbakhsh M.

Embase

Artificial Organs. 41 (9) (pp E103-E117), 2017. Date of Publication: September 2017.

[Article]

AN: 614347665

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

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[SFX Link](#)

821.

Self-care for the prevention and management of cardiovascular disease and stroke: A scientific statement for healthcare professionals from the American heart association.

Riegel B., Moser D.K., Buck H.G., VaughanDickson V., B.Dunbar S., Lee C.S., Lennie T.A., Lindenfeld J., Mitchell J.E., Treat-Jacobson D.J., Webber D.E.

Embase

Journal of the American Heart Association. 6 (9) (no pagination), 2017. Article Number: e006997.

Date of Publication: 01 Sep 2017.

[Article]

AN: 618451960

Publisher

John Wiley and Sons Inc. (P.O.Box 18667, Newark NJ 07191-8667, United States)

Link to the Ovid Full Text or citation:

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822.

Machine learning for prediction of all-cause mortality in patients with suspected coronary artery disease: A 5-year multicentre prospective registry analysis.

Motwani M., Dey D., Berman D.S., Germano G., Achenbach S., Al-Mallah M.H., Andreini D., Budoff M.J., Cademartiri F., Callister T.Q., Chang H.-J., Chinnaiyan K., Chow B.J.W., Cury R.C., Delago A., Gomez M., Gransar H., Hadamitzky M., Hausleiter J., Hindoyan N., Feuchtner G.,

Kaufmann P.A., Kim Y.-J., Leipsic J., Lin F.Y., Maffei E., Marques H., Pontone G., Raff G., Rubinshtein R., Shaw L.J., Stehli J., Villines T.C., Dunning A., Min J.K., Slomka P.J.

Embase

European Heart Journal. 38 (7) (pp 500-507), 2017. Date of Publication: 01 Feb 2017.

[Article]

AN: 615029311

Publisher

Oxford University Press (E-mail: jnl.info@oup.co.uk)

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823.

An artificial neural network method for lumen and media-adventitia border detection in IVUS.

Su S., Hu Z., Lin Q., Hau W.K., Gao Z., Zhang H.

Embase

Computerized Medical Imaging and Graphics. 57 (pp 29-39), 2017. Date of Publication: 01 Apr 2017.

[Article]

AN: 613999560

Publisher

Elsevier Ltd

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Link to the External Link Resolver:

[SFX Link](#)

824.

Cardiac Function Improvement and Bone Marrow Response -: Outcome Analysis of the Randomized PERFECT Phase III Clinical Trial of Intramyocardial CD133+ Application After Myocardial Infarction.

Steinhoff G., Nesteruk J., Wolfien M., Kundt G., Borgermann J., David R., Garbade J., Grosse J., Haverich A., Hennig H., Kaminski A., Lotz J., Mohr F.-W., Muller P., Oostendorp R., Ruch U., Sarikouch S., Skorska A., Stamm C., Tiedemann G., Wagner F.M., Wolkenhauer O.

Embase

EBioMedicine. 22 (pp 208-224), 2017. Date of Publication: August 2017.

[Article]

AN: 617649381

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

825.

Detecting Cardiovascular Disease from Mammograms with Deep Learning.

Wang J., Ding H., Bidgoli F.A., Zhou B., Iribarren C., Molloy S., Baldi P.

Embase

IEEE Transactions on Medical Imaging. 36 (5) (pp 1172-1181), 2017. Article Number: 7827150.

Date of Publication: May 2017.

[Article]

AN: 616111345

Publisher

Institute of Electrical and Electronics Engineers Inc.

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[SFX Link](#)

826.

Predicting readmissions after hospitalization for heart failure: Medical reasoning vs calculators.

Emdin M., Aimo A., Vergaro G., Passino C.

Embase

International Journal of Cardiology. 236 (pp 348-349), 2017. Date of Publication: 01 Jun 2017.

[Editorial]

AN: 615244860

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

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827.

Coronary Computed Tomographic Angiography-Derived Fractional Flow Reserve Based on Machine Learning for Risk Stratification of Non-Culprit Coronary Narrowings in Patients with Acute Coronary Syndrome.

Duguay T.M., Tesche C., Vliegenthart R., De Cecco C.N., Lin H., Albrecht M.H., Varga-Szemes A., De Santis D., Ebersberger U., Bayer R.R., Litwin S.E., Hoffmann E., Steinberg D.H., Schoepf U.J.

Embase

American Journal of Cardiology. 120 (8) (pp 1260-1266), 2017. Date of Publication: 15 Oct 2017.

[Article]

AN: 618020345

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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828.

Stroke Risk Stratification and its Validation using Ultrasonic Echolucent Carotid Wall Plaque Morphology: A Machine Learning Paradigm.

Araki T., Jain P.K., Suri H.S., Londhe N.D., Ikeda N., El-Baz A., Shrivastava V.K., Saba L., Nicolaidis A., Shafique S., Laird J.R., Gupta A., Suri J.S.

Embase

Computers in Biology and Medicine. 80 (pp 77-96), 2017. Date of Publication: 01 Jan 2017.

[Article]

AN: 613487743

Publisher

Elsevier Ltd

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829.

Prediction of prolonged ventilation after coronary artery bypass grafting: Data from an artificial neural network.

Wise E.S., Stonko D.P., Glaser Z.A., Garcia K.L., Huang J.J., Kim J.S., Kallos J.A., Starnes J.R., Fleming J.W., Hocking K.M., Brophy C.M., Eagle S.S.

Embase

Heart Surgery Forum. 20 (1) (pp E7-E14), 2017. Date of Publication: February 2017.

[Article]

AN: 615034248

Publisher

Carden Jennings Publishing Co. Ltd (375 Greenbrier Drive, Suite #100, Charlottesville VA 22901-1618, United States)

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830.

Derivation and Internal Validation of a Clinical Prediction Tool for 30-Day Mortality in Lower Gastrointestinal Bleeding.

Sengupta N., Tapper E.B.

Embase

American Journal of Medicine. 130 (5) (pp 601.e1-601.e8), 2017. Date of Publication: May 2017.

[Article]

AN: 614394631

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

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831.

Kinase inhibitor screening using artificial neural networks and engineered cardiac biowires.

Conant G., Ahadian S., Zhao Y., Radisic M.

Embase

Scientific reports. 7 (1) (pp 11807), 2017. Date of Publication: 18 Sep 2017.

[Article]

AN: 627484178

Publisher

NLM (Medline)

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832.

Linear-regression convolutional neural network for fully automated coronary lumen segmentation in intravascular optical coherence tomography.

Yong Y.L., Tan L.K., McLaughlin R.A., Chee K.H., Liew Y.M.

Embase

Journal of biomedical optics. 22 (12) (pp 1-9), 2017. Date of Publication: 01 Dec 2017.

[Article]

AN: 625180230

Publisher

NLM (Medline)

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833.

Automatic valve plane localization in myocardial perfusion SPECT/CT by machine learning:

Anatomic and clinical validation.

Betancur J., Rubeaux M., Fuchs T.A., Otaki Y., Arnson Y., Slipczuk L., Benz D.C., Germano G., Dey D., Lin C.-J., Berman D.S., Kaufmann P.A., Slomka P.J.

Embase

Journal of Nuclear Medicine. 58 (6) (pp 961-967), 2017. Date of Publication: 01 Jun 2017.

[Article]

AN: 616623735

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Society of Nuclear Medicine Inc. (E-mail: MemberInfo@snm.org)

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834.

Kalman-Based Carotid-Artery Longitudinal-Kinetics Estimation and Pattern Recognition.

Qorchi S., Zahnd G., Galbrun D., Serusclat A., Moulin P., Vray D., Orkisz M.

Embase

IRBM. 38 (4) (pp 219-223), 2017. Date of Publication: August 2017.

[Article]

AN: 616897031

Publisher

Elsevier Masson SAS (62 rue Camille Desmoulins, Issy les Moulineaux Cedex 92442, France)

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835.

Multiscale Graph Cuts Based Method for Coronary Artery Segmentation in Angiograms.

Mabrouk S., Oueslati C., Ghorbel F.

Embase

IRBM. 38 (3) (pp 167-175), 2017. Date of Publication: June 2017.

[Article]

AN: 616286662

Publisher

Elsevier Masson SAS (62 rue Camille Desmoulins, Issy les Moulineaux Cedex 92442, France)

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836.

A combination of experimental and numerical methods to investigate the role of strain rate on the mechanical properties and collagen fiber orientations of the healthy and atherosclerotic human coronary arteries.

Karimi A., Rahmati S.M., Sera T., Kudo S., Navidbakhsh M.

Embase

Bioengineered. 8 (2) (pp 154-170), 2017. Date of Publication: 04 Mar 2017.

[Article]

AN: 612004790

Publisher

Taylor and Francis Inc. (325 Chestnut St, Suite 800, Philadelphia PA 19106, United States)

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837.

Computer aided diagnosis of Coronary Artery Disease, Myocardial Infarction and carotid atherosclerosis using ultrasound images: A review.

Faust O., Acharya U.R., Sudarshan V.K., Tan R.S., Yeong C.H., Molinari F., Ng K.H.

Embase

Physica Medica. 33 (pp 1-15), 2017. Date of Publication: 01 Jan 2017.

[Review]

AN: 613992233

Publisher

Associazione Italiana di Fisica Medica

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838.

Cardiac imaging: working towards fully-automated machine analysis & interpretation.

Slomka P.J., Dey D., Sitek A., Motwani M., Berman D.S., Germano G.

Embase

Expert Review of Medical Devices. 14 (3) (pp 197-212), 2017. Date of Publication: 04 Mar 2017.

[Review]

AN: 614828998

Publisher

Taylor and Francis Ltd (E-mail: info@expert-reviews.com)

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839.

Deep feature learning for automatic tissue classification of coronary artery using optical coherence tomography.

Abdolmanafi A., Duong L., Dahdah N., Cheriet F.

Embase

Biomedical Optics Express. 8 (2) (pp 1203-1220), 2017. Date of Publication: 01 Feb 2017.

[Article]

AN: 614264875

Publisher

OSA - The Optical Society (E-mail: info@osa.org)

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840.

Fibroatheroma identification in Intravascular Optical Coherence Tomography images using deep features.

Mengdi Xu, Jun Cheng, Annan Li, Lee J.A., Wong D.W.K., Taruya A., Tanaka A., Foin N., Wong P.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2017 (pp 1501-1504), 2017. Date of Publication: 01 Jul 2017.

[Article]

AN: 623307686

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841.

Genotype-driven identification of a molecular network predictive of advanced coronary calcium in ClinSeq and Framingham Heart Study cohorts.

Oguz C., Sen S.K., Davis A.R., Fu Y.-P., O'Donnell C.J., Gibbons G.H.

Embase

BMC systems biology. 11 (1) (pp 99), 2017. Date of Publication: 26 Oct 2017.

[Article]

AN: 622400163

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842.

An integrated anti-arrhythmic target network of a Chinese medicine compound, Wenxin Keli, revealed by combined machine learning and molecular pathway analysis.

Wang T., Lu M., Du Q., Yao X., Zhang P., Chen X., Xie W., Li Z., Ma Y., Zhu Y.

Embase

Molecular bioSystems. 13 (5) (pp 1018-1030), 2017. Date of Publication: 02 May 2017.

[Article]

AN: 620630214

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843.

Improving CCTA-based lesions' hemodynamic significance assessment by accounting for partial volume modeling in automatic coronary lumen segmentation.

Freiman M., Nickisch H., Prevrhal S., Schmitt H., Vembar M., Maurovich-Horvat P., Donnelly P., Goshen L.

Embase

Medical physics. 44 (3) (pp 1040-1049), 2017. Date of Publication: 01 Mar 2017.

[Article]

AN: 615063031

Link to the Ovid Full Text or citation:

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844.

High-performance artificial neural network system for detecting ischemia using myocardial perfusion imaging: A multicenter project in Japan.

Nakajima K., Kiso K., Kudo T., Kasai T., Taniguchi Y., Matsuo S., Nakagawa M., Nakata T., Hida S., Tanaka H., Sarai M., Yokoyama K., Kondo C., Okuda K., Edenbrandt L.

Embase

European Heart Journal Cardiovascular Imaging. Conference: International Conference on Nuclear Cardiology and Cardiac CT, ICNC 2017. Austria. 18 (Supplement 1) (pp i40), 2017. Date of Publication: May 2017.

[Conference Abstract]

AN: 625227543

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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845.

Development of a knowledge base to support the automatic classification of a computable ischemic stroke phenotype from electronic medical records.

Mowery D.L., Hill B., Chapman W.W., Cannon-Albright L., Majersik J.J.

Embase

Neurology: Genetics. Conference: 20th Workshop of the International Stroke Genetics Consortium, ISGC 2016. Italy. 3 (1 Supplement 1) (pp S18), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 623966574

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

846.

Deep learning for fully automated cardiac segmentation and quantification of thoracic fat in non-contrast CT.

Commandeur F., Goeller M., Cadet S., Doris M., Berman D., Slomka P., Tamarappoo B., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 12th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. United States. 11 (4 Supplement 1) (pp S39-S40), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 621291363

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

[SFX Link](#)

847.

Machine learning algorithm to predict presence of coronary atherosclerosis in asymptomatic healthy population: Comparison with conventional risk prediction approach.

Kolli K., Han D., Gransar H., Lee J., Choi S., Chun E., Sung J., Han H., Park S., Jung H., Min J., Chang H.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 12th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. United States. 11 (4 Supplement 1) (pp S74), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 621291288

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

848.

An adversarial deep learning approach to coronary CT radiation reduction.

Wolterink J., Leiner T., Viergever M., Isgum I.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 12th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. United States. 11 (4 Supplement 1) (pp S67-S68), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 621291204

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

849.

Machine learning model for prediction of coronary artery calcification.

Anchouche K., Wang H., Kolli K., Beecy A., Han D., Park M., Mirhedayati Roudsari H., Rizvi A., Lin F., Pena J., Min J., Al'Aref S.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 12th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. United States. 11 (4 Supplement 1) (pp S67), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 621291192

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

[SFX Link](#)

850.

Machine-learning characterization of myocardial deformation patterns to identify responders to resynchronization therapy.

Cikes M., Sanchez Martinez S., Biering Sorensen T., Pouleur A.C., Knappe D., Kutiyifa V., Moss A., Stein K., Bijmens B., Solomon S.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2017.

Spain. 38 (Supplement 1) (pp 1059), 2017. Date of Publication: August 2017.

[Conference Abstract]

AN: 621237245

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

851.

Artificial intelligence in cardiology by clinical decision support system to predict correct diagnosis in subjects with stable chest pain from ARTICA co-operative database.

Mazzanti M., Pugliese F., Goda A., Rossi A., Pottle A., Hasimi E., Gjergo H., Shirka E., Papparisto V., Dent N., Mackay N., Underwood S.R.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2017.

Spain. 38 (Supplement 1) (pp 655-656), 2017. Date of Publication: August 2017.

[Conference Abstract]

AN: 621236507

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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852.

Improving the value of clinical variables in the assessment of cardiovascular risk using Artificial Neural Networks.

Juarez-Orozco L.E., Knol R.J.J., Sanchez-Catasus C.A., Van Der Zant F.M., Knuuti J.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2017.

Spain. 38 (Supplement 1) (pp 227-228), 2017. Date of Publication: August 2017.

[Conference Abstract]

AN: 621235083

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

853.

Machine learning algorithm to predict all-cause mortality in asymptomatic healthy population:
Comparison with conventional risk prediction approach.

Han D., Koll K., Gransar H., Lee J.H., Choi S.Y., Chun E.J., Sung J., Han H.W., Park S.H., Jung
H.O., Min J., Chang H.J.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2017.
Spain. 38 (Supplement 1) (pp 209), 2017. Date of Publication: August 2017.

[Conference Abstract]

AN: 621234872

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

854.

Myocardial wall motion assessment in stress echocardiography by quantification of principal
strain bulls eye maps.

Omar H., Patra A., Domingos J.S., Upton R., Leeson P., Noble J.A.

Embase

European Heart Journal Cardiovascular Imaging. Conference: 21st Annual Meeting of the
European Association of Echocardiography, EUROECHO 2017. Portugal. 18 (Supplement 3) (pp
iii64), 2017. Date of Publication: December 2017.

[Conference Abstract]

AN: 620122266

Publisher

Oxford University Press

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Link to the External Link Resolver:

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855.

Gender differences in the diagnostic performance of a machine learning based CT angiography derived FFR algorithm insights from the machine registry.

Baumann S., Renker M., Tesche C., Albrecht M.H., Coenen A., Nieman K., De Geer J., Persson A., Kruk M., Kepka C., Yang D.H., Weiss C., Akin I., Borggrete M., Schoepf U.J.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619986883

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

856.

Classification of cardiovascular proteins involved in coronary atherosclerosis and heart failure using watson's cognitive computing technology.

Ruff C.T., Lacoste A., Nordio F., Fanola C.L., Silverman M.G., Argentinis E., Spangler S.,
Sabatine M.S.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136
(Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619986758

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

857.

Machine learning outperformed ACC/AHA pooled cohort equations risk calculator for detection of
high-risk asymptomatic individuals and recommending treatment for prevention of cardiovascular
events in the multi-ethnic study of atherosclerosis (MESA).

Kakadiaris I., Vrigkas M., Budoff M., Yen A., Naghavi M.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136
(Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619985771

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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[SFX Link](#)

858.

Machine learning adds to standard clinical & CAC assessments in predicting 10-year coronary heart disease & cardiovascular disease deaths: Insight from the coronary artery calcium consortium of 66,636 patients.

Nakanishi R., Slomka P., Betancur J., Blaha M.J., Nasir K., Miedema M.D., Rumberger J.A., Gransar H., Shaw L.J., Rozanski A., Budoff M.J., Berman D.S.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619984809

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

859.

A next-generation integrated genetic-epigenetic algorithm to predict coronary heart disease.

Dogan M.V., Grumbach I., Michaelson J., Philibert R.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136
(Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619984289

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

860.

Coffee intake affects heart failure and stroke survival and is significant in predicting heart failure
and stroke risk.

Stevens L., Gorg C., Kao D.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136
(Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619984051

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

861.

Machine learning algorithm may distinguish significant coronary artery disease with three clinical laboratory markers.

Gao Y., Garstka M.A., Wang G.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619983789

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

[SFX Link](#)

862.

Machine learning to predict the likelihood of acute myocardial infarction.

Mills N.L.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619983585

Publisher

Lippincott Williams and Wilkins

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Link to the External Link Resolver:

[SFX Link](#)

863.

Catheter-based label-free optical coherence tomography (OCT)-fluorescence lifetime imaging (FLIM) for the assessment of high-risk coronary plaques.

Kim S., Nam H.S., Kang W.J., Song J.W., Lee M.W., Kim T.S., Oh W.-Y., Yoo H., Kim J.W.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619983574

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

864.

Machine learning algorithms and coronary calcium score for risk stratification in asymptomatic healthy population.

Kolli K.K., Han D., Gransar H., Lee J.H., Choi S.-Y., Chun E.J., Sung J., Han H.-W., Park S.-H., Jung H.O., Min J.K., Chang H.-J.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619983421

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

865.

Identifying the predictive factors of cardiac resynchronization therapy response: A comparative study using machine learning and logistic regression analysis.

Tang H., Tao N., Zhang C., Zou J., Zhou W.

Embase

Circulation. Conference: Resuscitation Science Symposium, ReSS 2017. United States. 136 (Supplement 1) (no pagination), 2017. Date of Publication: November 2017.

[Conference Abstract]

AN: 619983269

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

866.

Automated quantitative assessment of QRS fragmentation can improve non-invasive risk stratification.

Ector J., Garweg C., Goovaerts G., Van Huffel S., Vandenberg B., Willems R.

Embase

Journal of Electrocardiology. Conference: 42nd Annual Conference of the International Society for Computerized Electrocardiology, ISCE 2017. United States. 50 (6) (pp 861-862), 2017. Date of Publication: November-December 2017.

[Conference Abstract]

AN: 619950918

Publisher

Churchill Livingstone Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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867.

Assessing coronary artery disease by cardiac phase tomography using machine-learned algorithms in obese and elderly subjects.

Stuckey T., Singh N., Goswami R., Depta J., Gammon R., Steuter J., Roberts M., Gupta S., Sanders W.

Embase

Journal of the American College of Cardiology. Conference: 29th Annual Symposium
Transcatheter Cardiovascular Therapeutics, TCT 2017. United States. 70 (18 Supplement 1) (pp
B75-B76), 2017. Date of Publication: October 2017.

[Conference Abstract]

AN: 619771576

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

868.

Gender based assessment of coronary artery disease by cardiac phase tomography using
machine-learned algorithms.

Stuckey T., Singh N., Goswami R., Depta J., Gammon R., Roberts M., Steuter J., Gupta S.,
Sanders W.

Embase

Journal of the American College of Cardiology. Conference: 29th Annual Symposium
Transcatheter Cardiovascular Therapeutics, TCT 2017. United States. 70 (18 Supplement 1) (pp
B66), 2017. Date of Publication: October 2017.

[Conference Abstract]

AN: 619770910

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

869.

Prediction and intervention of coronary heart disease based on data mining.

Chen Q., Han L., Guo S.

Embase

Journal of the American College of Cardiology. Conference: 28th Great Wall International Congress of Cardiology China Heart Society Beijing Society of Cardiology, GW-ICC 2017. China. 70 (16 Supplement 1) (pp C77), 2017. Date of Publication: October 2017.

[Conference Abstract]

AN: 619739672

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

870.

The risk prediction model of coronary heart disease for elderly hypertensive patients.

Wang X., Guo S., Han L.

Embase

Journal of the American College of Cardiology. Conference: 28th Great Wall International Congress of Cardiology China Heart Society Beijing Society of Cardiology, GW-ICC 2017. China. 70 (16 Supplement 1) (pp C72-C73), 2017. Date of Publication: October 2017.

[Conference Abstract]

AN: 619739529

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

871.

A novel machine-learning model for identification of significant coronary artery disease.

Wang G., Gao Y., Xu F., Wang J., Ma B., Ma G., Xia Y., Chen Y.

Embase

Journal of the American College of Cardiology. Conference: 28th Great Wall International Congress of Cardiology China Heart Society Beijing Society of Cardiology, GW-ICC 2017. China. 70 (16 Supplement 1) (pp C113-C114), 2017. Date of Publication: October 2017.

[Conference Abstract]

AN: 619739185

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

872.

Prevalence of hypotension and prediction of hypotension in intensive care unit.

Jian Z., Hatib F., Pinsky M.

Embase

Critical Care. Conference: 37th International Symposium on Intensive Care and Emergency Medicine. Belgium. 21 (1 Supplement 1) (no pagination), 2017. Date of Publication: March 2017.

[Conference Abstract]

AN: 619526635

Publisher

BioMed Central Ltd.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

873.

Quantitative EEG reactivity predicts 6-month outcome in hypoxic ischemic brain injury: A machine learning approach.

Amorim E., Van Der Stoel M., Nagaraj S.B., Ghassemi M.M., Jing J., Lee J., Westover M.B.

Embase

Neurocritical Care. Conference: 15th Annual Meeting of the Neurocritical Care Society, NCS 2017. United States. 27 (2 Supplement 1) (pp S53), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 619001496

Publisher

Humana Press Inc.

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[SFX Link](#)

874.

Evaluation of diagnostic ability of an artificial neural network for detecting ischemia in myocardial perfusion imaging.

Yoneyama T., Nakajima K., Tsuji S., Yokoyama K., Michigishi T.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 30th Annual Congress of the European Association of Nuclear Medicine, EANM 2017. Austria. 44 (2 Supplement 1) (pp S566), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 618910471

Publisher

Springer Berlin Heidelberg

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

875.

Diagnostic performance of artificial neural network for the localization of coronary artery disease.

Shimoyama H., Nakayama S., Kotake Y., Shimamoto S., Futai R.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 30th Annual Congress of the European Association of Nuclear Medicine, EANM 2017. Austria. 44 (2 Supplement 1) (pp S338), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 618910225

Publisher

Springer Berlin Heidelberg

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

876.

Artificial intelligence for myocardial perfusion imaging compared with expert interpretation.

Nakajima K., Kiso K., Kudo T., Taniguchi Y., Matsuo S., Nakagawa M., Nakata T., Hida S., Tanaka H., Sarai M., Yokoyama K., Momose M., Okuda K., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 30th Annual Congress of the European Association of Nuclear Medicine, EANM 2017. Austria. 44 (2 Supplement 1) (pp S337-S338), 2017. Date of Publication: 2017.

[Conference Abstract]

AN: 618910172

Publisher

Springer Berlin Heidelberg

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

877.

Cardiovascular medical history drives risk of ischemic stroke in LVAD patients.

Lohmueller L.C., Khoo C., Antaki J.F.

Embase

Journal of Cardiac Failure. Conference: 21st Annual Scientific Meeting of the Heart Failure Society of America, HFSA 2017. United States. 23 (8 Supplement 1) (pp S12), 2017. Date of

Publication: August 2017.

[Conference Abstract]

AN: 618051599

Publisher

Churchill Livingstone Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

878.

Analysis of raw polar maps from myocardial perfusion SPECT by gender-adjusted deep learning improves automatic prediction of obstructive coronary disease.

Betancur J.A., Commandeur F., Sharir T., Fish M., Ruddy T., Kaufmann P., Bateman T., Dorbala S., Germano G., Berman D., Dey D., Slomka P.

Embase

Journal of Nuclear Cardiology. Conference: 22nd Annual Scientific Session of the American Society of Nuclear Cardiology. United States. 24 (4) (pp 1492-1493), 2017. Date of Publication: July-August 2017.

[Conference Abstract]

AN: 617902218

Publisher

Springer New York LLC

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

879.

Rest scan does not improve automatic machine learning prediction of major adverse coronary events after high speed myocardial perfusion imaging.

Betancur J.A., Otaki Y., Fish M., Lemley M., Dey D., Tamarappoo B., Germano G., Berman D., Slomka P.

Embase

Journal of the American College of Cardiology. Conference: 66th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.17. United States. 69 (11 Supplement 1) (pp 1590), 2017. Date of Publication: 21 Mar 2017.

[Conference Abstract]

AN: 617219977

Publisher

Elsevier USA

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Link to the External Link Resolver:

[SFX Link](#)

880.

Automated detection of mitral valve annular and leaflet geometry: Echocardiography and CT comparison.

Bratanoff M., Lin B., Ngernsritrakul T., Essa M.T., Houle H., Hur D., Kaplan R.E., Mojibian H., Sugeng L.

Embase

Journal of the American College of Cardiology. Conference: 66th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.17. United States. 69 (11 Supplement 1) (pp 1580), 2017. Date of Publication: 21 Mar 2017.

[Conference Abstract]

AN: 617219537

Publisher

Elsevier USA

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[Click here for full text options](#)

Link to the External Link Resolver:

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881.

Machine learning enabled ECG wavelet analysis as a gatekeeper for appropriate evaluation of diastolic function by echocardiography.

Sengupta P.P., Kulkarni H., Weiss A.J., Nezarat N., Mahmoud A., Li D., Graves M., Ahmed R., Omar A.M., Budoff M., Narula J.

Embase

Journal of the American Society of Echocardiography. Conference: 28th Annual Scientific Sessions of the American Society of Echocardiography, ASE 2017. United States. 30 (6) (pp B89), 2017. Date of Publication: June 2017.

[Conference Abstract]

AN: 616393331

Publisher

Mosby Inc.

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Link to the External Link Resolver:

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882.

Evaluation of myocardial fibrosis in non-ischemic dilated cardiomyopathy and its prognostic value.

Kayvanpour E., Sedaghat-Hamedani F., Li D., Tugrul F., Grabe N., Lahrman B., Frankenstein L., Stock C., Herpel E., Buss S., Katus H.A., Meder B.

Embase

Internist. Conference: 123 Kongress der Deutschen Gesellschaft für Innere Medizin e.V., DGIM 2017. Germany. 58 (Supplement 1) (pp S32), 2017. Date of Publication: March 2017.

[Conference Abstract]

AN: 615632545

Publisher

Springer Verlag

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Link to the External Link Resolver:

[SFX Link](#)

883.

CT-derived FFR: Computational fluid dynamics versus machine learning.

Albrecht M., De Cecco C., Tesche C., Varga-Szemes A., Schoepf U.

Embase

International Journal of Cardiovascular Imaging. Conference: 2016 Annual Meeting of the North American Society of Cardiovascular Imaging, NASCI 2016. United States. 33 (3) (pp 293), 2017.

Date of Publication: March 2017.

[Conference Abstract]

AN: 614835683

Publisher

Springer Netherlands

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Link to the External Link Resolver:

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884.

Survival following fenestrated/branched endovascular aortic repair implications for decision making.

Beach J.M., Rajeswaran J., Parodi F.E., Kuramochi Y., Brier C., Blackstone E.H., Eagleton M.J.

Embase

Journal of Vascular Surgery. Conference: 41st Annual Meeting of the Southern Association for Vascular Surgery, SAVS 2017. United States. 65 (1) (pp e1), 2017. Date of Publication: January 2017.

[Conference Abstract]

AN: 613941337

Publisher

Mosby Inc.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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885.

Improving medical adherence in cardiovascular disease management with mHealth technologies.

Muse E.D.

Embase

European Heart Journal - Quality of Care and Clinical Outcomes. 2 (4) (pp 231-232), 2016. Date of Publication: 01 Oct 2016.

[Editorial]

AN: 619544343

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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886.

A new method for IVUS-based coronary artery disease risk stratification: A link between coronary & carotid ultrasound plaque burdens.

Araki T., Ikeda N., Shukla D., Londhe N.D., Shrivastava V.K., Banchhor S.K., Saba L., Nicolaides A., Shafique S., Laird J.R., Suri J.S.

Embase

Computer Methods and Programs in Biomedicine. 124 (pp 161-179), 2016. Date of Publication: 01 Feb 2016.

[Article]

AN: 607326831

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

887.

Cardiovascular imaging 2015 in the International Journal of Cardiovascular Imaging.

Bezerra H.G., Costa R.A., Reiber J.H.C., Schoenhagen P., Stillman A.A., De Sutter J., Van de Veire N.R.L.

Embase

International Journal of Cardiovascular Imaging. 32 (5) (pp 697-709), 2016. Date of Publication: 01 May 2016.

[Editorial]

AN: 609979034

Publisher

Springer Netherlands

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

888.

Myocardial infarction induces structural and functional remodelling of the intrinsic cardiac nervous system.

Rajendran P.S., Nakamura K., Ajijola O.A., Vaseghi M., Armour J.A., Ardell J.L., Shivkumar K.

Embase

Journal of Physiology. 594 (2) (pp 321-341), 2016. Date of Publication: 15 Jan 2016.

[Article]

AN: 607347046

Publisher

Blackwell Publishing Ltd (E-mail: customerservices@oxonblackwellpublishing.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

889.

Automated Quantitative Nuclear Cardiology Methods.

Motwani M., Berman D.S., Germano G., Slomka P.

Embase

Cardiology Clinics. 34 (1) (pp 47-57), 2016. Date of Publication: February 2016.

[Review]

AN: 606989786

Publisher

W.B. Saunders

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[Click here for full text options](#)

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890.

Anatomy and Physiology in a Single Non-invasive Test: CTA-derived FFR.

Bayer R.R., Tesche C., Felmly L.M., De Cecco C.N., Renker M., Baumann S., Schoepf U.J.

Embase

Current Radiology Reports. 4 (7) (no pagination), 2016. Article Number: 41. Date of Publication:
01 Jul 2016.

[Review]

AN: 610910836

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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891.

PCA-based polling strategy in machine learning framework for coronary artery disease risk assessment in intravascular ultrasound: A link between carotid and coronary grayscale plaque morphology.

Araki T., Ikeda N., Shukla D., Jain P.K., Londhe N.D., Shrivastava V.K., Banchhor S.K., Saba L., Nicolaidis A., Shafique S., Laird J.R., Suri J.S.

Embase

Computer Methods and Programs in Biomedicine. 128 (pp 137-158), 2016. Date of Publication: May 01, 2016.

[Article]

AN: 608880903

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

[SFX Link](#)

892.

Editorial for the Special Issue on MICCAI 2015.

Navab N., Frangi A.F., Wells W., Maier A.

Embase

Medical Image Analysis. 34 (pp 1-2), 2016. Date of Publication: 01 Dec 2016.

[Editorial]

AN: 612348082

Publisher

Elsevier B.V.

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

893.

Complex association of serum alanine aminotransferase with the risk of future cardiovascular disease in type 2 diabetes.

Afarideh M., Aryan Z., Ghajar A., Noshad S., Nakhjavani M., Baber U., Mechanick J.I., Esteghamati A.

Embase

Atherosclerosis. 254 (pp 42-51), 2016. Date of Publication: 01 Nov 2016.

[Article]

AN: 612319763

Publisher

Elsevier Ireland Ltd

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

894.

Watertight modeling and segmentation of bifurcated Coronary arteries for blood flow simulation using CT imaging.

Zhou H., Sun P., Ha S., Lundine D., Xiong G.

Embase

Computerized Medical Imaging and Graphics. 53 (pp 43-53), 2016. Date of Publication: 01 Oct 2016.

[Article]

AN: 611443230

Publisher

Elsevier Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

895.

A graphical model approach to systematically missing data in meta-analysis of observational studies.

Kovacic J., Varnai V.M.

Embase

Statistics in Medicine. 35 (24) (pp 4443-4458), 2016. Date of Publication: 30 Oct 2016.

[Article]

AN: 611110547

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom.

E-mail: vgorayska@wiley.com)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

896.

Automatic coronary artery calcium scoring in cardiac CT angiography using paired convolutional neural networks.

Wolterink J.M., Leiner T., de Vos B.D., van Hamersvelt R.W., Viergever M.A., Isgum I.

Embase

Medical Image Analysis. 34 (pp 123-136), 2016. Date of Publication: 01 Dec 2016.

[Article]

AN: 610947183

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

897.

Length of Hospital Stay Prediction at the Admission Stage for Cardiology Patients Using Artificial Neural Network.

Tsai P.-F.J., Chen P.-C., Chen Y.-Y., Song H.-Y., Lin H.-M., Lin F.-M., Huang Q.-P.

Embase

Journal of Healthcare Engineering. 2016 (no pagination), 2016. Article Number: 7035463. Date of Publication: 2016.

[Article]

AN: 610169011

Publisher

Hindawi Limited (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

898.

Heart failure - A new phenotype emerges.

Wilcox J.E., Yancy C.W.

Embase

JAMA Cardiology. 1 (5) (pp 507-509), 2016. Date of Publication: August 2016.

[Editorial]

AN: 617433389

Publisher

American Medical Association (E-mail: smcleod@itsa.ucsf.edu)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

899.

Identifying network-based biomarkers of complex diseases from high-throughput data.

Liu Z.-P.

Embase

Biomarkers in Medicine. 10 (6) (pp 633-650), 2016. Date of Publication: June 2016.

[Review]

AN: 610818748

Publisher

Future Medicine Ltd. (E-mail: info@futuremedicine.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

900.

Advances in Echocardiographic Imaging in Heart Failure with Reduced and Preserved Ejection Fraction.

Omar A.M.S., Bansal M., Sengupta P.P.

Embase

Circulation Research. 119 (2) (pp 357-374), 2016. Date of Publication: 08 Jul 2016.

[Review]

AN: 611209455

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

901.

Artificial neural network modeling enhances risk stratification and can reduce downstream testing for patients with suspected acute coronary syndromes, negative cardiac biomarkers, and normal ECGs.

Isma'eel H.A., Cremer P.C., Khalaf S., Almedawar M.M., Elhajj I.H., Sakr G.E., Jaber W.A.

Embase

International Journal of Cardiovascular Imaging. 32 (4) (pp 687-696), 2016. Date of Publication: 01 Apr 2016.

[Article]

AN: 607222592

Publisher

Springer Netherlands

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902.

A Hybrid Data Mining Model to Predict Coronary Artery Disease Cases Using Non-Invasive Clinical Data.

Verma L., Srivastava S., Negi P.C.

Embase

Journal of Medical Systems. 40 (7) (no pagination), 2016. Article Number: 178. Date of Publication: 01 Jul 2016.

[Article]

AN: 610931343

Publisher

Springer New York LLC (E-mail: barbara.b.bertram@gsk.com)

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903.

Combination of single quantitative parameters into multiparametric model for ischemia detection is not superior to visual assessment during dobutamine stress echocardiography.

Celutkiene J., Burneikaite G., Petkevicius L., Balkeviciene L., Laucevicius A.

Embase

Cardiovascular Ultrasound. 14 (1) (no pagination), 2016. Article Number: 55. Date of Publication: 12 Apr 2016.

[Article]

AN: 609671861

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

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Link to the External Link Resolver:

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904.

The Effect of Electromagnetic Field Treatment on Recovery from Ischemic Stroke in a Rat Stroke Model: Clinical, Imaging, and Pathological Findings.

Segal Y., Segal L., Blumenfeld-Katzir T., Sasson E., Poliansky V., Loeb E., Levy A., Alter A., Bregman N.

Embase

Stroke Research and Treatment. 2016 (no pagination), 2016. Article Number: 6941946. Date of Publication: 2016.

[Article]

AN: 608440821

Publisher

Hindawi Publishing Corporation (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

905.

A novel approach for the automated segmentation and volume quantification of cardiac fats on computed tomography.

Rodrigues E.O., Morais F.F.C., Morais N.A.O.S., Conci L.S., Neto L.V., Conci A.

Embase

Computer Methods and Programs in Biomedicine. 123 (pp 109-128), 2016. Date of Publication: 01 Jan 2016.

[Article]

AN: 607392248

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

906.

Computer-aided detection of intracoronary stent in intravascular ultrasound sequences.

Ciampi F., Balocco S., Rigla J., Carrillo X., Mauri J., Radeva P.

Embase

Medical Physics. 43 (10) (pp 5616-5625), 2016. Date of Publication: 01 Oct 2016.

[Article]

AN: 612354282

Publisher

AAPM - American Association of Physicists in Medicine

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

907.

Five multiresolution-based calcium volume measurement techniques from coronary IVUS videos:
A comparative approach.

Banchhor S.K., Araki T., Londhe N.D., Ikeda N., Radeva P., Elbaz A., Saba L., Nicolaides A.,
Shafique S., Laird J.R., Suri J.S.

Embase

Computer Methods and Programs in Biomedicine. 134 (pp 237-258), 2016. Date of Publication:
01 Oct 2016.

[Article]

AN: 611262583

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

908.

The optimum hematocrit.

Reinhart W.H.

Embase

Clinical Hemorheology and Microcirculation. 64 (4) (pp 575-585), 2016. Date of Publication: 2016.

[Article]

AN: 614321534

Publisher

IOS Press (Nieuwe Hemweg 6B, Amsterdam 1013 BG, Netherlands)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

909.

Rotation forest ensemble algorithm for the classification of phytochemicals from the medicinal plants.

Ani R., Deepa O.S.

Embase

Journal of Chemical and Pharmaceutical Sciences. 2016 (SpecialIssue4) (pp 14-17), 2016. Date of Publication: 2016.

[Article]

AN: 614317361

Publisher

SPB Pharma Society (E-mail: jchps@yahoo.com)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

910.

Infarct code Rosario. Impact of an integrated network model for public health care of patients with ST elevation acute myocardial infarction.Codigo Infarto Rosario. Impacto de un modelo en red integrada en salud publica para la atencion del paciente con infarto agudo de miocardio con elevacion del ST <Codigo Infarto Rosario. Impacto de un modelo en red integrada en salud publica para la atencion del paciente con infarto agudo de miocardio con elevacion del ST.>

Calenta C.H., Manavella B.D., Mas L.R., Arias L.M., Najenson M., Zangroniz P.D.

Embase

Revista de la Federacion Argentina de Cardiologia. 45 (4) (pp 174-178), 2016. Date of Publication: October-December 2016.

[Article]

AN: 614006488

Publisher

Federacion Argentina de Cardiologia (E-mail: edifac@fac.org.ar)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

911.

Automatically explaining machine learning prediction results: A demonstration on type 2 diabetes risk prediction.

Luo G.

Embase

Health Information Science and Systems. 4 (1) (no pagination), 2016. Article Number: 2. Date of Publication: 2016.

[Article]

AN: 613865857

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

912.

Cardiovascular risk prediction: A comparative study of framingham and quantum neural network based approach.

Narain R., Saxena S., Goyal A.K.

Embase

Patient Preference and Adherence. 10 (pp 1259-1270), 2016. Date of Publication: 19 Jul 2016.

[Article]

AN: 611894574

Publisher

Dove Medical Press Ltd. (PO Box 300-008, Albany, Auckland, New Zealand)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

913.

Comparison of Three Different Types of Wrist Pulse Signals by Their Physical Meanings and Diagnosis Performance.

Zuo W., Wang P., Zhang D.

Embase

IEEE journal of biomedical and health informatics. 20 (1) (pp 119-127), 2016. Date of Publication: 01 Jan 2016.

[Article]

AN: 612191462

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

914.

Automatic valve plane localization in solidstate myocardial perfusion spect images by machine learning: Anatomical and diagnostic validation.

Betancur J.A., Rubeaux M., Fuchs T., Otaki Y., Germano G., Berman D., Kaufmann P., Slomka P.

Embase

Journal of Nuclear Cardiology. Conference: 21st Annual Scientific Session of the American Society of Nuclear Cardiology. United States. 23 (4) (pp 920-921), 2016. Date of Publication: August 2016.

[Conference Abstract]

AN: 611620826

Publisher

Springer New York LLC

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

915.

Using genetic artificial intelligence algorithms for determining optimal management of patients undergoing cardiac PET imaging.

Case P.O., Bateman T.M., Courter S., Jensen J., Case J.A.

Embase

Journal of Nuclear Cardiology. Conference: 21st Annual Scientific Session of the American Society of Nuclear Cardiology. United States. 23 (4) (pp 917), 2016. Date of Publication: August 2016.

[Conference Abstract]

AN: 611620815

Publisher

Springer New York LLC

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

916.

Machine learning optimally predicts major adverse cardiac events after high-speed myocardial perfusion SPECT.

Otaki Y., Betancur J., Fish M.B., Lemley M., Dey D., Germano G., Berman D.S., Slomka P.J.

Embase

Journal of Nuclear Cardiology. Conference: 21st Annual Scientific Session of the American Society of Nuclear Cardiology. United States. 23 (4) (pp 924-925), 2016. Date of Publication: August 2016.

[Conference Abstract]

AN: 611620756

Publisher

Springer New York LLC

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

917.

Statins exert an antiarrhythmic effect in an animal model of ventricular arrhythmia after myocardial infarction in Type I diabetes: Reversal of autonomic imbalance and calcium alternans.

Welzig C.M., Jin H., Rajab M., Albano A., Wang B., Aronovitz M., Blanton R., Link M., Park H., Neujaim S.F., Galper J.B.

Embase

Clinical Autonomic Research. Conference: 27th International Symposium on the Autonomic Nervous System. United States. 26 (5) (pp 338), 2016. Date of Publication: October 2016.

[Conference Abstract]

AN: 612840962

Publisher

Dr. Dietrich Steinkopff Verlag GmbH and Co. KG

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[SFX Link](#)

918.

Identifying novel predictors for incident heart failure using statistical learning techniques in the women's health initiative (WHI) cohort.

Tison G.H., Nah G., Olgin J.E., Vittinghoff E., Howard B.V., Foraker R., Allison M.A., Casanova R.L., Blair R.H., Breathett K.K., Klein L., Parikh N.I.

Embase

Circulation. Conference: American Heart Association's 2016 Scientific Sessions and Resuscitation Science Symposium. United States. 134 (Supplement 1) (no pagination), 2016.

Date of Publication: November 2016.

[Conference Abstract]

AN: 619222206

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

919.

Machine learning methodology identifies predictors of a cardiovascular composite measure among severe peripheral artery disease patients.

Ting W., Haskell L., Lurie F., Berger J.S., Eapen Z., Valko M., Alas V., Rich K., Crivera C., Schein J.

Embase

Circulation. Conference: American Heart Association's 2016 Scientific Sessions and Resuscitation Science Symposium. United States. 134 (Supplement 1) (no pagination), 2016.

Date of Publication: November 2016.

[Conference Abstract]

AN: 619221471

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

920.

Histology-validated neural networks enable accurate plaque tissue and thin-capped fibroatheroma characterization through intravascular optical coherence tomography.

Baruah V.L., Zahedivash A., Hoyt T.B., Vela D., Buja L.M., Milner T.E., Feldman M.D.

Embase

Circulation. Conference: American Heart Association's 2016 Scientific Sessions and Resuscitation Science Symposium. United States. 134 (Supplement 1) (no pagination), 2016.

Date of Publication: November 2016.

[Conference Abstract]

AN: 619221230

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

921.

Resting myocardial computed tomography perfusion provides incremental value beyond coronary stenosis and atherosclerotic plaque characteristics for predicting lesion ischemia: A machine learning approach.

Lee J.H., Xiong G., Han D., Rizvi A., Gransar H., Elmore K., Hartaigh B.O., Lin F.Y., Min J.K.

Embase

Circulation. Conference: American Heart Association's 2016 Scientific Sessions and Resuscitation Science Symposium. United States. 134 (Supplement 1) (no pagination), 2016.

Date of Publication: November 2016.

[Conference Abstract]

AN: 619220835

Publisher

Lippincott Williams and Wilkins

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922.

Histology-validated neural networks enable plaque tissue and thin-capped fibroatheroma characterization through intravascular optical coherence tomography based virtual histology.

Baruah V., Zahedivash A., Taylor H., McElroy A., Vela D., Buja L.M., Milner T., Feldman M.

Embase

Journal of the American College of Cardiology. Conference: 28th Annual Symposium

Transcatheter Cardiovascular Therapeutics, TCT 2016. United States. 68 (18 Supplement 1) (pp B230), 2016. Date of Publication: November 2016.

[Conference Abstract]

AN: 614161184

Publisher

Elsevier USA

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923.

Artificial neural network based model can better risk stratify patients undergoing stress echocardiography or nuclear stress test and reduce studies by >50%.

Isma'eel H., Sakr G., Serhan M., Lamaa N., Garabedian T., Elhajj I., Abchee A.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2016. Italy. 37 (Supplement 1) (pp 651), 2016. Date of Publication: August 2016.

[Conference Abstract]

AN: 612282446

Publisher

Oxford University Press

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924.

An analysis and diagnosis system of coronary heart disease based on big data platform.

Letian W., Han L., Zhang L., Guo S.

Embase

Journal of the American College of Cardiology. Conference: 27th Great Wall International Congress of Cardiology, 21st Annual Scientific Meeting of the International Society of Cardiovascular Pharmacotherapy International Congress of Cardiovascular Prevention and Rehabilitation 2016. China. 68 (16 Supplement) (pp C82), 2016. Date of Publication: 18 Oct 2016.

[Conference Abstract]

AN: 613352161

Publisher

Elsevier USA

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[SFX Link](#)

925.

Predicting hemodynamics from metabolic measurements using support vector regression in an isolated ex-vivo fourchamber working heart model.

Gaasedelen E.N., Seewald M.S., Illes T.L., Mattison L.M., Mattson A.R., Schmidt M.M., Iazzo P.A.

Embase

European Heart Journal: Acute Cardiovascular Care. Conference: Acute Cardiovascular Care 2016. Portugal. 5 (Supplement 1) (pp 378-379), 2016. Date of Publication: October 2016.

[Conference Abstract]

AN: 613191927

Publisher

SAGE Publications Inc.

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926.

From rest to hyperaemia: Initial validation of a data-driven approach for functional assessment of coronary lesions.

Calmac L., Niculescu R., Badila E., Weiss E., Zamfir D., Penes D., Itu L.M., Lazar L., Carp M., Itu A., Suciuc C., Passerini T., Sharma P., Georgescu B., Comaniciu D.

Embase

EuroIntervention. Conference: EuroPCR 2016. France. (pp 236), 2016. Date of Publication: May 2016.

[Conference Abstract]

AN: 611934812

Publisher

EuroPCR

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927.

Automatic valve plane localization in myocardial perfusion SPECT images using machine learning.

Betancur J., Rubeaux M., Fuchs T., Slipczuk L., Germano G., Dey D., Berman D., Kaufmann P., Slomka P.

Embase

Journal of Nuclear Medicine. Conference: Society of Nuclear Medicine and Molecular Imaging Annual Meeting, SNMMI 2016. San Diego, CA United States. Conference Publication: (var.pagings). 57 (SUPPL. 2) (no pagination), 2016. Date of Publication: May 2016.

[Conference Abstract]

AN: 72334955

Publisher

Society of Nuclear Medicine Inc.

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[SFX Link](#)

928.

Design of a combined ECG and blooding pressure monitoring system.

Wang X., Li T.H.

Embase

Basic and Clinical Pharmacology and Toxicology. Conference: Medical Engineering and Bioinformatics 2016, MEB 2016. Beijing China. Conference Publication: (var.pagings). 118 (SUPPL. 1) (pp 81), 2016. Date of Publication: June 2016.

[Conference Abstract]

AN: 72313161

Publisher

Blackwell Publishing Ltd

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929.

Incremental benefit of computed tomography derived resting myocardial perfusion using machine learning method and computed tomography derived fractional flow reserve for predicting lesion ischemia.

Lee J.H., Rizvi A., Han D., Hartaigh B.O., Gransar H., Lin F., Min J., Xiong G.

Embase

Journal of the American College of Cardiology. Conference: 65th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.16. Chicago, IL United States. Conference Publication: (var.pagings). 67 (13 SUPPL. 1) (pp 1677), 2016. Date of Publication: 05 Apr 2016.

[Conference Abstract]

AN: 72243180

Publisher

Elsevier USA

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930.

Incremental role of resting myocardial computed tomography perfusion for predicting physiologically significant coronary artery disease: A machine learning method approach.

Han D., Lee J.H., Rizvi A., Elmore K., Gransar H., Hartaigh B.O., Lin F., Min J., Xiong G.

Embase

Journal of the American College of Cardiology. Conference: 65th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.16. Chicago, IL United States. Conference Publication: (var.pagings). 67 (13 SUPPL. 1) (pp 1671), 2016. Date of Publication: 05 Apr 2016.

[Conference Abstract]

AN: 72243174

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

931.

Predicting acute ischemic stroke tissue fate using deep learning on source perfusion MRI.

Ho K.C., El-Saden S., Scalzo F., Bui A.A., Arnold C.W.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2016 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. Los Angeles, CA United States. Conference Publication: (var.pagings). 47 (SUPPL. 1) (no pagination), 2016. Date of Publication: February 2016.

[Conference Abstract]

AN: 72211264

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

932.

Validation of an efficient machine-learning approach to quantify CSF Volume changes using multicenter CT scans.

Chen Y., Dhar R., Kulik T., Yuan K., Heitsch L., Ford A., Lin W., Shen D., An H., Lee J.-M.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2016 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. Los Angeles, CA United States. Conference Publication: (var.pagings). 47 (SUPPL. 1) (no pagination), 2016. Date of Publication: February 2016.

[Conference Abstract]

AN: 72211129

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

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933.

Supervised learning based detection of stroke and stroke mimic.

Abedi V., Goyal N., Hosseinichimeh N., Tsvigoulis G., Hontecillas R., Bassaganya-Riera J., Lu P., Chang J., Ghaffarzagdegan N., Elijevich L., Metter J.E., Alexandrov A.W., Liebeskind D.S., Alexandrov A., Zand R.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2016 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. Los Angeles, CA United States. Conference Publication: (var.pagings). 47 (SUPPL. 1) (no pagination), 2016. Date of Publication: February 2016.

[Conference Abstract]

AN: 72210509

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

934.

Analysis of short-term heart rate and diastolic period variability using a refined fuzzy entropy method.

Ji L., Li P., Li K., Wang X., Liu C.

Embase

BioMedical Engineering Online. 14 (1) (no pagination), 2015. Article Number: 64. Date of Publication: July 01, 2015.

[Article]

AN: 605023613

Publisher

BioMed Central Ltd. (E-mail: info@biomedcentral.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

935.

Structured learning algorithm for detection of nonobstructive and obstructive coronary plaque lesions from computed tomography angiography.

Kang D., Dey D., Slomka P.J., Arsanjani R., Nakazato R., Ko H., Berman D.S., Li D., Kuo C.-C.J.

Embase

Journal of Medical Imaging. 2 (1) (no pagination), 2015. Article Number: 014003. Date of

Publication: 01 Jan 2015.

[Article]

AN: 606820862

Publisher

SPIE (E-mail: spie@spie.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

936.

PADPIN: Protein-protein interaction networks of angiogenesis, arteriogenesis, and inflammation in peripheral arterial disease.

Chu L.H., Vijay C.G., Annex B.H., Bader J.S., Popel A.S.

Embase

Physiological Genomics. 47 (8) (pp 331-343), 2015. Date of Publication: 01 Aug 2015.

[Article]

AN: 605793444

Publisher

American Physiological Society (E-mail: subscrip@the-aps.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

937.

Myocardial perfusion analysis in cardiac computed tomography angiographic images at rest.

Xiong G., Kola D., Heo R., Elmore K., Cho I., Min J.K.

Embase

Medical Image Analysis. 24 (1) (pp 77-89), 2015. Date of Publication: May 01, 2015.

[Article]

AN: 604789296

Publisher

Elsevier B.V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

938.

Erectile function in cardiovascular patients: Its significance and a quick assessment using a visual-scale questionnaire.

Glavas S., Valencic L., Trbojevic N., Tomasic A.-M., Turcic N., Tibauth S., Ruzic A.

Embase

Acta Cardiologica. 70 (6) (pp 712-719), 2015. Date of Publication: 2015.

[Article]

AN: 607309225

Publisher

Acta Cardiologica (Weldadigheidsstraat 49, Leuven B-3000, Belgium)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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939.

Assessment of aortic valve stenosis severity using intelligent phonocardiography.

Gharehbaghi A., Ekman I., Ask P., Nylander E., Janerot-Sjoberg B.

Embase

International Journal of Cardiology. 198 (pp 58-60), 2015. Date of Publication: 28 Aug 2015.

[Letter]

AN: 605778438

Publisher

Elsevier Ireland Ltd

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

940.

Relationship between Quantitative Adverse Plaque Features from Coronary Computed Tomography Angiography and Downstream Impaired Myocardial Flow Reserve by 13N-Ammonia Positron Emission Tomography: A Pilot Study.

Dey D., Diaz Zamudio M., Schuhbaeck A., Juarez Orozco L.E., Otaki Y., Gransar H., Li D., Germano G., Achenbach S., Berman D.S., Meave A., Alexanderson E., Slomka P.J.

Embase

Circulation: Cardiovascular Imaging. 8 (10) (no pagination), 2015. Article Number: e003255. Date of Publication: 01 Oct 2015.

[Article]

AN: 606699568

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

941.

Quantifying Plaque Burden and Morphology Using Coronary Computed Tomography Angiography to Predict Coronary Physiology: Helpful. But Is It Sufficient?.

Di Carli M.F., Blankstein R.

Embase

Circulation: Cardiovascular Imaging. 8 (10) (no pagination), 2015. Article Number: e004058. Date of Publication: 01 Oct 2015.

[Editorial]

AN: 606699548

Publisher

Lippincott Williams and Wilkins (E-mail: kathiest.clai@apta.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

942.

Generalized epileptiform discharges in postanoxic encephalopathy: Quantitative characterization in relation to outcome.

Ruijter B.J., Van Putten M.J.A.M., Hofmeijer J.

Embase

Epilepsia. 56 (11) (pp 1845-1854), 2015. Date of Publication: November 2015.

[Article]

AN: 606644159

Publisher

Blackwell Publishing Inc. (E-mail: subscrip@blackwellpub.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

943.

Automatic Coronary Calcium Scoring in Non-Contrast-Enhanced ECG-Triggered Cardiac CT with Ambiguity Detection.

Wolterink J.M., Leiner T., Takx R.A.P., Viergever M.A., Isgum I.

Embase

IEEE Transactions on Medical Imaging. 34 (9) (pp 1867-1878), 2015. Article Number: 7061518.

Date of Publication: 01 Sep 2015.

[Article]

AN: 605885706

Publisher

Institute of Electrical and Electronics Engineers Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

944.

Prioritization of cancer-related genomic variants by SNP association network.

Liu C., Xuan Z.

Embase

Cancer Informatics. 14 (Supplement 2) (pp 57-70), 2015. Date of Publication: 01 Apr 2015.

[Article]

AN: 604312147

Publisher

Libertas Academica Ltd. (PO Box 300-874, Albany 0751, Mairangi Bay, Auckland 0751, New Zealand)

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945.

Evidence-based patient classification for traditional Chinese medicine.

Li G.-Z., Chung K.-F., Poon J.

Embase

Evidence-based Complementary and Alternative Medicine. 2015 (no pagination), 2015. Article Number: 168343. Date of Publication: 2015.

[Editorial]

AN: 605453117

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946.

Methods for derivation of orthogonal leads from 12-lead electrocardiogram: A review.

Vozda M., Cerny M.

Embase

Biomedical Signal Processing and Control. 19 (pp 23-34), 2015. Article Number: 652. Date of Publication: May 2015.

[Article]

AN: 603288948

Publisher

Elsevier Ltd

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Link to the External Link Resolver:

[SFX Link](#)

947.

Fully automatic segmentation of ultrasound common carotid artery images based on machine learning.

Menchon-Lara R.-M., Sancho-Gomez J.-L.

Embase

Neurocomputing. 151 (P1) (pp 161-167), 2015. Date of Publication: 2015.

[Article]

AN: 602248106

Publisher

Elsevier

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

948.

An analysis of chemical ingredients network of Chinese herbal formulae for the treatment of coronary heart disease.

Ding F., Zhang Q., Ung C.O.L., Wang Y., Han Y., Hu Y., Qi J.

Embase

PLoS ONE. 10 (2) (no pagination), 2015. Article Number: 0116441. Date of Publication: 06 Feb 2015.

[Article]

AN: 602151110

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

949.

A bifurcation identifier for IV-OCT using orthogonal least squares and supervised machine learning.

Macedo M.M.G., Guimaraes W.V.N., Galon M.Z., Takimura C.K., Lemos P.A., Gutierrez M.A.

Embase

Computerized Medical Imaging and Graphics. Part 2. 46 (pp 237-248), 2015. Date of Publication: 01 Dec 2015.

[Article]

AN: 606698674

Publisher
Elsevier Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

950.

Relationship of epicardial fat volume from noncontrast CT with impaired myocardial flow reserve by positron emission tomography.

Otaki Y., Hell M., Slomka P.J., Schuhbaeck A., Gransar H., Huber B., Nakazato R., Germano G., Hayes S.W., Thomson L.E.J., Friedman J.D., Achenbach S., Berman D.S., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. 9 (4) (pp 303-309), 2015. Date of Publication: 01 Jul 2015.

[Article]

AN: 604327747

Publisher

Elsevier Inc. (E-mail: usjcs@elsevier.com)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

951.

Application of knowledge discovery process on the prediction of stroke.

Colak C., Karaman E., Turtay M.G.

Embase

Computer Methods and Programs in Biomedicine. 119 (3) (pp 181-185), 2015. Date of

Publication: 01 May 2015.

[Article]

AN: 603473648

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

952.

Diagnostics of significant coronary stenoses in patients with myocardial perfusion disorders by the data of monofoton emission computed tomography of myocardium using mathematic instrument of artificial neuronal networks.

Kuznetsov V.A., Yaroslavskaya E.I., Krinochkin D.V., Teffenberg D.V., Kutrunov V.N., Diachkov S.M.

Embase

Russian Journal of Cardiology. 128 (12) (pp 14-19), 2015. Date of Publication: 01 Jan 2015.

[Article]

AN: 608718058

Publisher

Silicea-Poligraf

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

953.

Identification and Progression of Heart Disease Risk Factors in Diabetic Patients from Longitudinal Electronic Health Records.

Jonnagaddala J., Liaw S.-T., Ray P., Kumar M., Dai H.-J., Hsu C.-Y.

Embase

BioMed Research International. 2015 (no pagination), 2015. Article Number: 636371. Date of Publication: 2015.

[Article]

AN: 605925689

Publisher

Hindawi Publishing Corporation (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

954.

Prediction of revascularization after myocardial perfusion SPECT by machine learning in a large population.

Arsanjani R., Dey D., Khachatryan T., Shalev A., Hayes S.W., Fish M., Nakanishi R., Germano G., Berman D.S., Slomka P.

Embase

Journal of Nuclear Cardiology. 22 (5) (pp 877-884), 2015. Date of Publication: 06 Dec 2014.

[Article]

AN: 600751245

Publisher

Springer New York LLC (E-mail: journals@springer-sbm.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

955.

A Review on Carotid Ultrasound Atherosclerotic Tissue Characterization and Stroke Risk Stratification in Machine Learning Framework.

Sharma A.M., Gupta A., Kumar P.K., Rajan J., Saba L., Nobutaka I., Laird J.R., Nicolades A., Suri J.S.

Embase

Current Atherosclerosis Reports. 17 (9) (no pagination), 2015. Article Number: 55. Date of Publication: 03 Sep 2015.

[Review]

AN: 605438251

Publisher

Current Medicine Group LLC 1 (E-mail: info@phl.cursci.com)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

956.

Networks in coronary heart disease genetics as a step towards systems epidemiology.

Drenos F., Grossi E., Buscema M., Humphries S.E.

Embase

PLoS ONE. 10 (5) (no pagination), 2015. Article Number: e0125876. Date of Publication: 07 May 2015.

[Article]

AN: 604276079

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

957.

Shape-based approach for coronary calcium lesion volume measurement on intravascular ultrasound imaging and its association with carotid intima-media thickness.

Araki T., Ikeda N., Dey N., Acharjee S., Molinari F., Saba L., Godia E.C., Nicolaidis A., Suri J.S.

Embase

Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine. 34 (3) (pp 469-482), 2015. Date of Publication: 01 Mar 2015.

[Article]

AN: 612873678

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

958.

Diagnostic Performance of Artificial Neural Network for Detecting Ischemia in Myocardial Perfusion Imaging.

Nakajima K., Matsuo S., Wakabayashi H., Yokoyama K., Bunko H., Okuda K., Kinuya S., Nystrom K., Edenbrandt L.

Embase

Circulation journal : official journal of the Japanese Circulation Society. 79 (7) (pp 1549-1556), 2015. Date of Publication: 2015.

[Article]

AN: 609965654

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

959.

Software for density calculation and timing of surgery in subsolid nodules.

Reeves A., Xie Y.

Embase

Journal of Thoracic Oncology. Conference: 16th World Conference on Lung Cancer. Denver, CO United States. Conference Publication: (var.pagings). 10 (9 SUPPL. 2) (pp S132-S133), 2015.

Date of Publication: September 2015.

[Conference Abstract]

AN: 72232719

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

960.

Detection of myocardial ischemia using artificial neural network: Different characteristics from conventional defect scoring methods.

Nakajima K., Matsuo S., Okuda K., Yokoyama K., Bunko H., Kinuya S., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: 28th Annual Congress of the European Association of Nuclear Medicine, EANM 2015. Hamburg Germany. Conference Publication: (var.pagings). 42 (1 SUPPL. 1) (pp S73-S74), 2015. Date of Publication: October 2015.

[Conference Abstract]

AN: 72074704

Publisher

springer berlin

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

961.

Prediction of lesion-specific ischemia from quantitative coronary CT angiography using machine learning: Results from the NXT trial.

Dey D., Slomka P., Gaur S., Ovrehus K., Gransar H., Berman D., Leipsic J., Achenbach S., Botner H.E., Jensen J.M., Lassen J.F., Norgaard B.L.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 10th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography, SCCT 2015. Las Vegas, NV United States. Conference Publication: (var.pagings). 9 (4 SUPPL. 1) (pp S42), 2015. Date of Publication: July-August 2015.

[Conference Abstract]

AN: 72048655

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

962.

Predictive accuracy of contactless magnetocardiographic mapping to detect ischemic heart disease.

Brisinda D., Sorbo A.R., Venuti A., Fioravanti F., Fenici R.

Embase

Europace. Conference: EHRA EUROPACE CARDIOSTIM 2015. Milan Italy. Conference
Publication: (var.pagings). 17 (SUPPL. 3) (pp iii189), 2015. Date of Publication: 01 Jun 2015.
[Conference Abstract]

AN: 72026753

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

963.

Machine learning applied to clinical and coronary CT angiography variables for prediction of MACE.

Motwani M., Slomka P., Berman D.S., Min J.K.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2015.
London United Kingdom. Conference Publication: (var.pagings). 36 (SUPPL. 1) (pp 765-766),
2015. Date of Publication: 01 Aug 2015.

[Conference Abstract]

AN: 72021620

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

964.

5 year prognostic value of coronary computed tomographic angiography using machine learning:
Results from the CONFIRM Registry.

Motwani M., Slomka P., Berman D.S., Min J.K.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2015.

London United Kingdom. Conference Publication: (var.pagings). 36 (SUPPL. 1) (pp 680), 2015.

Date of Publication: 01 Aug 2015.

[Conference Abstract]

AN: 72021307

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

965.

A clinical decision support system can improve the quality of lipid-lowering therapy in coronary patients.

Zamora A., Carrion C., Vazquez G., Martin-Urda A., Vilaseca M., Paluzie G., Sevilla J.C., Soler C., Plana N., Elosua R.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2015. London United Kingdom. Conference Publication: (var.pagings). 36 (SUPPL. 1) (pp 285-286), 2015. Date of Publication: 01 Aug 2015.

[Conference Abstract]

AN: 72019841

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

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966.

Artificial neural network modelling enhances risk stratification for patients with suspected acute coronary syndromes, negative cardiac biomarkers, and normal ECGs.

Cremer P., Ismaeel H., Sakr G., Elhajj I., Khalaf S., Jaber W.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2015. London United Kingdom. Conference Publication: (var.pagings). 36 (SUPPL. 1) (pp 79), 2015. Date of Publication: 01 Aug 2015.

[Conference Abstract]

AN: 72019084

Publisher

Oxford University Press

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Link to the External Link Resolver:

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967.

Functional network connectivity in comatose survivors of cardiac arrest.

Hannawi Y., Sair H., Li S., Kornbluth J., Vanhauzenhuysse A., Laureys S., Chabanne R., Jean B., Benali H., Perlberg V., Luyt C.-E., Puybasset L., Pekar J., Caffo B., Stevens R.

Embase

Neurology. Conference: 67th American Academy of Neurology Annual Meeting, AAN 2015. Washington, DC United States. Conference Publication: (var.pagings). 84 (SUPPL. 14) (no pagination), 2015. Date of Publication: 06 Apr 2015.

[Conference Abstract]

AN: 71921736

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

968.

Atrial fibrillation in patients with neuropathological diagnosis of primary alzheimer's disease.

Riccio P., Sposato L.A., Vargas E.R., Toledo J., Trojanowski J., Hachinski V.

Embase

Neurology. Conference: 67th American Academy of Neurology Annual Meeting, AAN 2015. Washington, DC United States. Conference Publication: (var.pagings). 84 (SUPPL. 14) (no pagination), 2015. Date of Publication: 06 Apr 2015.

[Conference Abstract]

AN: 71920500

Publisher

Lippincott Williams and Wilkins

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[SFX Link](#)

969.

Can big data approaches predict impending stroke from continuous atrial fibrillation data?.

Han L., Schmitt S., Ziegler P.D., Altman R.B., Fan J., Than C., Turakhia M.P.

Embase

Heart Rhythm. Conference: 36th Annual Scientific Sessions of the Heart Rhythm Society, Heart Rhythm 2015. Boston, MA United States. Conference Publication: (var.pagings). 12 (5 SUPPL. 1) (pp S339), 2015. Date of Publication: May 2015.

[Conference Abstract]

AN: 71894250

Publisher

Elsevier

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[Click here for full text options](#)

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970.

Nonresponse to renal denervation in a simulated cohort of resistant hypertensive men.

Pruett W., Hester R.

Embase

FASEB Journal. Conference: Experimental Biology 2015, EB. Boston, MA United States.

Conference Publication: (var.pagings). 29 (Meeting Abstracts) (no pagination), 2015. Date of

Publication: April 2015.

[Conference Abstract]

AN: 71867392

Publisher

FASEB

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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971.

Prediction of primary graft dysfunction after heart transplantation.

Nilsson J., Ohlsson M., Stehlik J., Lund L., Andersson B.

Embase

Journal of Heart and Lung Transplantation. Conference: 35th Annual Meeting and Scientific Sessions of the International Society for Heart and Lung Transplantation, ISHLT 2015. Nice France. Conference Publication: (var.pagings). 34 (4 SUPPL. 1) (pp S35), 2015. Date of

Publication: April 2015.

[Conference Abstract]

AN: 71852130

Publisher

Elsevier USA

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972.

Relationship between quantitative adverse plaque features from coronary CT angiography and downstream impaired myocardial flow reserve.

Dey D., Zamudio M.D., Schuhbaeck A., Orozco L.E.J., Otaki Y., Gransar H., Li D., Germano G., Achenbach S., Berman D., Meave A., Rosas E.A., Slomka P.

Embase

Journal of the American College of Cardiology. Conference: 64th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.15. San Diego, CA United States. Conference Publication: (var.pagings). 65 (10 SUPPL. 1) (pp A1109), 2015.

Date of Publication: 17 Mar 2015.

[Conference Abstract]

AN: 71834166

Publisher

Elsevier USA

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Link to the External Link Resolver:

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973.

Voxel-based mapping of c-arm ct cerebral blood volume to infarct probability in a canine model of ischemic stroke.

Van Der Marel K., Chueh J.-Y., Wakhloo A.K., Gounis M.J.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2015 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. Nashville, TN United States. Conference Publication: (var.pagings). 46 (SUPPL. 1) (no pagination), 2015. Date of Publication: February 2015.

[Conference Abstract]

AN: 71818999

Publisher

Lippincott Williams and Wilkins

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974.

Automation and quantification of the angiographic capillary blush in patients with acute ischemic stroke undergoing endovascular intervention.

Tarpley J., Scalzo F., Alger J.R., Aghaebrahim A., Liang C., Sheth S., Noorian R., Ng K., Jovin T., Duckwiler G., Liebeskind D.S.

Embase

Stroke. Conference: American Heart Association/American Stroke Association 2015 International Stroke Conference and State-of-the-Science Stroke Nursing Symposium. Nashville, TN United

States. Conference Publication: (var.pagings). 46 (SUPPL. 1) (no pagination), 2015. Date of Publication: February 2015.

[Conference Abstract]

AN: 71818489

Publisher

Lippincott Williams and Wilkins

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[Click here for full text options](#)

Link to the External Link Resolver:

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975.

Dictionary learning for unsupervised identification of ischemic territories in CP-BOLD Cardiac MRI at rest.

Bevilacqua M., Rusu C., Dharmakumar R., Tsaftaris S.

Embase

Journal of Cardiovascular Magnetic Resonance. Conference: 18th Annual SCMR Scientific Sessions. Nice France. Conference Publication: (var.pagings). 17 (SUPPL. 1) (no pagination), 2015. Date of Publication: 03 Feb 2015.

[Conference Abstract]

AN: 71795294

Publisher

BioMed Central Ltd.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

976.

Genetic Fuzzy System for Mortality Risk Assessment in Cardiac Surgery.

Javadikasgari H., Ghavidel A.A., Gholampour M.

Embase

Journal of Medical Systems. 38 (12) (no pagination), 2014. Article Number: 155. Date of Publication: 18 Oct 2014.

[Letter]

AN: 601045258

Publisher

Springer New York LLC

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Link to the External Link Resolver:

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977.

Computerized detection of noncalcified plaques in coronary CT angiography: Evaluation of topological soft gradient prescreening method and luminal analysis.

Wei J., Zhou C., Chan H.-P., Chughtai A., Agarwal P., Kuriakose J., Hadjiiski L., Patel S., Kazerooni E.

Embase

Medical Physics. 41 (8) (no pagination), 2014. Article Number: 081901. Date of Publication: 08 2014.

[Article]

AN: 373487447

Publisher

John Wiley and Sons Ltd

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978.

Regularized Machine Learning in the Genetic Prediction of Complex Traits.

Okser S., Pahikkala T., Airola A., Salakoski T., Ripatti S., Aittokallio T.

Embase

PLoS Genetics. 10 (11) (no pagination), 2014. Date of Publication: 01 Nov 2014.

[Article]

AN: 600618031

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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979.

Systems biology approaches to understanding the cause and treatment of heart, lung, blood, and sleep disorders.

Winslow R.L.

Embase

Frontiers in Physiology. 5 MAR (no pagination), 2014. Article Number: Article 107. Date of Publication: 2014.

[Editorial]

AN: 372772816

Publisher

Frontiers Media SA (E-mail: info@frontiersin.org)

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Link to the External Link Resolver:

[SFX Link](#)

980.

Applications of data mining methods in the integrative medical studies of coronary heart disease: Progress and prospect.

Feng Y., Wang Y., Guo F., Xu H.

Embase

Evidence-based Complementary and Alternative Medicine. 2014 (no pagination), 2014. Article Number: 791841. Date of Publication: 2014.

[Review]

AN: 600789505

Publisher

Hindawi Publishing Corporation (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

981.

Decision time for clinical decision support systems.

O'Sullivan D., Fraccaro P., Carson E., Weller P.

Embase

Clinical Medicine, Journal of the Royal College of Physicians of London. 14 (4) (pp 338-341),
2014. Date of Publication: 01 Aug 2014.

[Article]

AN: 373770840

Publisher

Royal College of Physicians

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

982.

Robotic measurement of arm movements after stroke establishes biomarkers of motor recovery.

Krebs H.I., Krams M., Agrafiotis D.K., Di Bernardo A., Chavez J.C., Littman G.S., Yang E.,

Byttebier G., Dipietro L., Rykman A., McArthur K., Hajjar K., Lees K.R., Volpe B.T.

Embase

Stroke. 45 (1) (pp 200-204), 2014. Date of Publication: January 2014.

[Article]

AN: 372332845

Publisher

Lippincott Williams and Wilkins (530 Walnut Street,P O Box 327, Philadelphia PA 19106-3621, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

983.

Feature selection based on empirical-risk function to detect lesions in vascular computed tomography.

Zuluaga M.A., Hernandez Hoyos M., Orkisz M.

Embase

IRBM. 35 (5) (pp 244-254), 2014. Date of Publication: 01 Oct 2014.

[Article]

AN: 600307155

Publisher

Elsevier Masson SAS (62 rue Camille Desmoulins, Issy les Moulineaux Cedex 92442, France. E-mail: infos@masson.fr)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

984.

Electrocardiographic systems with reduced numbers of leads-synthesis of the 12-Lead ECG.

Tomasic I., Trobec R.

Embase

IEEE Reviews in Biomedical Engineering. 7 (pp 126-142), 2014. Article Number: 6517463. Date of Publication: 2014.

[Article]

AN: 373071923

Publisher

Institute of Electrical and Electronics Engineers

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

985.

Year in review in Intensive Care Medicine 2013: I. Acute kidney injury, ultrasound, hemodynamics, cardiac arrest, transfusion, neurocritical care, and nutrition.

Citerio G., Bakker J., Bassetti M., Benoit D., Cecconi M., Curtis J.R., Hernandez G., Herridge M., Jaber S., Joannidis M., Papazian L., Peters M., Singer P., Smith M., Soares M., Torres A., Vieillard-Baron A., Timsit J.-F., Azoulay E.

Embase

Intensive Care Medicine. 40 (2) (pp 147-159), 2014. Date of Publication: February 2014.

[Review]

AN: 52914603

Publisher

Springer Verlag (Tiergartenstrasse 17, Heidelberg D-69121, Germany)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

986.

Hunting for necrosis in the shadows of intravascular ultrasound.

Sheet D., Karamalis A., Eslami A., Noel P., Virmani R., Nakano M., Chatterjee J., Ray A.K., Laine A.F., Carlier S.G., Navab N., Katouzian A.

Embase

Computerized Medical Imaging and Graphics. 38 (2) (pp 104-112), 2014. Date of Publication: March 2014.

[Article]

AN: 52772945

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

987.

Role of neural modulation in the pathophysiology of atrial fibrillation.

Male S., Scherlag B.J.

Embase

Indian Journal of Medical Research. 139 (APR) (pp 512-522), 2014. Date of Publication: April 2014.

[Review]

AN: 373274496

Publisher

Indian Council of Medical Research

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

988.

Cardiac electrophysiological activation pattern estimation from images using a patient-specific database of synthetic image sequences.

Prakosa A., Sermesant M., Allain P., Villain N., Rinaldi C.A., Rhode K., Razavi R., Delingette H., Ayache N.

Embase

IEEE Transactions on Biomedical Engineering. 61 (2) (pp 235-245), 2014. Article Number: 6600804. Date of Publication: February 2014.

[Article]

AN: 372280723

Publisher

IEEE Computer Society (2001 L Street N.W., Suite 700, Washington DC 20036-4928, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

989.

A new risk chart with genetic and phenotypic variables for detection of acute myocardial infarction susceptibility.

Licastro F., Ianni M., Campo G., Ferrari R., Porcellini E., Buscema M., Grossi E.

Embase

Atherosclerosis. Conference: 82nd European Atherosclerosis Society Congress, EAS 2014.

Madrid Spain. Conference Publication: (var.pagings). 235 (2) (pp e217), 2014. Date of

Publication: August 2014.

[Conference Abstract]

AN: 71752084

Publisher

Elsevier Ireland Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

990.

Automated coronary artery calcification scoring in non-gated chest CT: Agreement and reliability.

Takx R.A.P., De Jong P.A., Leiner T., Oudkerk M., De Koning H.J., Mol C.P., Viergever M.A.,

Isgum I.

Embase

PLoS ONE. 9 (3) (no pagination), 2014. Article Number: e91239. Date of Publication: 13 Mar 2014.

[Article]

AN: 372786286

Publisher

Public Library of Science (E-mail: plos@plos.org)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

991.

Prediction of the prognosis of ischemic stroke patients after intravenous thrombolysis using artificial neural networks.

Cheng C.-A., Lin Y.-C., Chiu H.-W.

Embase

Studies in health technology and informatics. 202 (pp 115-118), 2014. Date of Publication: 2014.

[Article]

AN: 615360236

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992.

Stent Maps--Comparative Visualization for the Prediction of Adverse Events of Transcatheter Aortic Valve Implantations.

Born S., Sundermann S.H., Russ C., Hopf R., Ruiz C.E., Falk V., Gessat M.

Embase

IEEE transactions on visualization and computer graphics. 20 (12) (pp 2704-2713), 2014. Date of Publication: 01 Dec 2014.

[Article]

AN: 610715709

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[SFX Link](#)

993.

Hierarchical multiple-model Bayesian approach to transmural electrophysiological imaging.

Rahimi A., Xu J., Wang L.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. Part 2. 17 (pp 538-545), 2014. Date of Publication: 2014.

[Article]

AN: 602088292

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

994.

Variational Bayesian electrophysiological imaging of myocardial infarction.

Xu J., Sapp J.L., Dehaghani A.R., Gao F., Wang L.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. Part 2. 17 (pp 529-537), 2014. Date of Publication: 2014.

[Article]

AN: 602088268

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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995.

Non-calcified coronary atherosclerotic plaque characterization by dual energy computed tomography.

Yamak D., Panse P., Pavlicek W., Boltz T., Akay M.

Embase

IEEE journal of biomedical and health informatics. 18 (3) (pp 939-945), 2014. Date of Publication: 01 May 2014.

[Article]

AN: 603159570

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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996.

Gamma mixture classifier for plaque detection in intravascular ultrasonic images.

Vegas-Sanchez-Ferrero G., Seabra J., Rodriguez-Leor O., Serrano-Vida A., Aja-Fernandez S., Palencia C., Martin-Fernandez M., Sanches J.

Embase

IEEE transactions on ultrasonics, ferroelectrics, and frequency control. 61 (1) (pp 44-61), 2014.

Date of Publication: Jan 2014.

[Article]

AN: 373901543

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

997.

Auto localization and segmentation of occluded vessels in robot-assisted partial nephrectomy.

Amir-Khalili A., Peyrat J.M., Abinahed J., Al-Alao O., Al-Ansari A., Hamarneh G., Abugharbieh R.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 17 (Pt 1) (pp 407-414), 2014. Date of Publication: 2014.

[Article]

AN: 373988640

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

998.

Classification of atherosclerotic and non-atherosclerotic individuals using multiclass state vector machine.

Kumar P.R., Priya M.

Embase

Technology and health care : official journal of the European Society for Engineering and Medicine. 22 (4) (pp 583-595), 2014. Date of Publication: 2014.

[Article]

AN: 605240755

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

999.

A fully automated method for apical diagnostic view finding in 3D echocardiography.

Domingos J.S., Augustine D.X., Leeson P., Noble J.A.

Embase

European Heart Journal Cardiovascular Imaging. Conference: 18th Annual Meeting of the European Association of Echocardiography, EUROECHO 2014. Vienna Austria. Conference Publication: (var.pagings). 15 (SUPPL. 2) (pp ii82), 2014. Date of Publication: 01 Dec 2014.

[Conference Abstract]

AN: 71773843

Publisher
Oxford University Press

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

1000.

European Congress on e-Cardiology and e-Health 2014.

Anonymous

Embase

European Journal of Preventive Cardiology. Conference: European Congress on e-Cardiology and e-Health 2014. Bern Switzerland. Conference Publication: (var.pagings). 21 (2 SUPPL. 1) (no pagination), 2014. Date of Publication: November 2014.

[Conference Review]

AN: 71705195

Publisher

SAGE Publications Inc.

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

1001.

Optimizing cardiovascular mortality prediction in renal disease with artificial intelligence.

Sandu O., Nastac I., Uribarri J.

Embase

Cardiology (Switzerland). Conference: International Academy of Cardiology 19th World Congress on Heart Disease Annual Scientific Sessions 2014. Boston, MA United States. Conference

Publication: (var.pagings). 128 (SUPPL. 1) (pp 264), 2014. Date of Publication: July 2014.

[Conference Abstract]

AN: 71583974

Publisher

S. Karger AG

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1002.

Computational techniques for detecting and characterizing coronary atherosclerosis.

Abrich R.D., Paul N., Wong W.

Embase

Journal of Thoracic Imaging. Conference: 2014 Annual Meeting and Post-graduate Course of the Society of Thoracic Radiology. San Antonio, TX United States. Conference Publication:

(var.pagings). 29 (4) (pp W63), 2014. Date of Publication: July 2014.

[Conference Abstract]

AN: 71546655

Publisher

Lippincott Williams and Wilkins

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1003.

Improved accuracy of myocardial perfusion spect for prediction of revascularization by machine learning in a large population.

Arsanjani R., Dey D., Shalev A., Khachatryan T., Hayes S., Fish M., Berman D., Germano G., Slomka P.

Embase

Journal of the American College of Cardiology. Conference: 63rd Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.14. Washington, DC United States. Conference Publication: (var.pagings). 63 (12 SUPPL. 1) (pp A1229), 2014.

Date of Publication: 01 Apr 2014.

[Conference Abstract]

AN: 71407253

Publisher

Elsevier USA

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Link to the External Link Resolver:

[SFX Link](#)

1004.

Expert systems for fetal assessment in labour.

Lutomski J.E., Meaney S., Greene R.A., Ryan A.C., Devane D.

Embase

Cochrane Database of Systematic Reviews. 2013 (8) (no pagination), 2013. Article Number: CD010708. Date of Publication: 19 Aug 2013.

[Article]

AN: 620563059

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom.

E-mail: vgorayska@wiley.com)

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1005.

Cardiovascular thromboembolic events associated with febuxostat: Investigation of cases from the FDA adverse event reporting system database.

Gandhi P.K., Gentry W.M., Bottorff M.B.

Embase

Seminars in Arthritis and Rheumatism. 42 (6) (pp 562-566), 2013. Date of Publication: June 2013.

[Article]

AN: 52410405

Publisher

W.B. Saunders (Independence Square West, Philadelphia PA 19106-3399, United States)

Link to the Ovid Full Text or citation:

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1006.

Reducing unnecessary lab testing in the ICU with artificial intelligence.

Cismondi F., Celi L.A., Fialho A.S., Vieira S.M., Reti S.R., Sousa J.M.C., Finkelstein S.N.

Embase

International Journal of Medical Informatics. 82 (5) (pp 345-358), 2013. Date of Publication: May 2013.

[Article]

AN: 52371703

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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1007.

Improved accuracy of myocardial perfusion SPECT for the detection of coronary artery disease using a support vector machine algorithm.

Arsanjani R., Xu Y., Dey D., Fish M., Dorbala S., Hayes S., Berman D., Germano G., Slomka P.

Embase

Journal of Nuclear Medicine. 54 (4) (pp 549-555), 2013. Date of Publication: 01 Apr 2013.

[Article]

AN: 368653972

Publisher

Society of Nuclear Medicine Inc. (1850 Samuel Morse Drive, Reston VA 22090-5316, United States)

Link to the Ovid Full Text or citation:

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1008.

Early detection of coronary artery disease in patients studied with magnetocardiography: An automatic classification system based on signal entropy.

Steinisch M., Torke P.R., Haueisen J., Hailer B., Gronemeyer D., Van Leeuwen P., Comani S.

Embase

Computers in Biology and Medicine. 43 (2) (pp 144-153), 2013. Date of Publication: 01 Feb 2013.

[Article]

AN: 52361378

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

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1009.

Non-invasive measurement of coronary plaque from coronary CT angiography and its clinical implications.

Dey D., Schuhbaeck A., Min J.K., Berman D.S., Achenbach S.

Embase

Expert Review of Cardiovascular Therapy. 11 (8) (pp 1067-1077), 2013. Date of Publication:
August 2013.

[Review]

AN: 370276170

Publisher

Expert Reviews Ltd. (2 Albert Place, London N3 1QB, United Kingdom)

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1010.

Computing ischemic regions in the heart with the bidomain model - First steps towards validation.

Nielsen B.F., Lysaker M., Grottum P.

Embase

IEEE Transactions on Medical Imaging. 32 (6) (pp 1085-1096), 2013. Article Number: 6484983.

Date of Publication: 2013.

[Article]

AN: 369050855

Publisher

Institute of Electrical and Electronics Engineers Inc. (445 Hoes Lane / P.O. Box 1331, Piscataway
NJ 08855-1331, United States)

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1011.

Comparative analysis of a-priori and a-posteriori dietary patterns using state-of-the-art classification algorithms: A case/case-control study.

Kastorini C.-M., Papadakis G., Milionis H.J., Kalantzi K., Puddu P.-E., Nikolaou V., Vemmos K.N., Goudevenos J.A., Panagiotakos D.B.

Embase

Artificial Intelligence in Medicine. 59 (3) (pp 175-183), 2013. Date of Publication: November 2013.

[Article]

AN: 52794903

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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[SFX Link](#)

1012.

Nanorobots: The emerging tools in medicinal applications - A review.

Modi D.P., Patel V.P., Patel R.B., Patel J.N., Bhimani B.V., Shah R.R.

Embase

International Journal of Drug Development and Research. 5 (3) (pp 105-119), 2013. Date of Publication: July-September 2013.

[Review]

AN: 370043559

Publisher

International Journal of Drug Development and Research (KD-25/2, Kavinagar, Ghaziabad,UP,
India 201001, India)

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[SFX Link](#)

1013.

Acute ischaemic stroke prediction from physiological time series patterns.

Zhang Q., Xie Y., Ye P., Pang C.

Embase

Australasian Medical Journal. 6 (5) (pp 280-286), 2013. Date of Publication: 2013.

[Article]

AN: 369059236

Publisher

Australasian Medical Journal Pty Ltd (12 Lancett Crt, Sorrento, WA 6020 WA, Australia)

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Link to the External Link Resolver:

[SFX Link](#)

1014.

Vessel Specific Coronary Artery Calcium Scoring. An Automatic System.

Shahzad R., van Walsum T., Schaap M., Rossi A., Klein S., Weustink A.C., de Feyter P.J., van Vliet L.J., Niessen W.J.

Embase

Academic Radiology. 20 (1) (pp 1-9), 2013. Date of Publication: January 2013.

[Article]

AN: 52206549

Publisher

Elsevier USA (6277 Sea Harbor Drive, Orlando FL 32862 8239, United States)

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[SFX Link](#)

1015.

Probabilistic Neural Networks with Macrolayers in Systems for Support of Decision-Making in Differential Diagnosis of Cardiovascular Diseases.

Burmaka A.A., Volkov I.I., Ivanov V.A., Serebrovskiy V.I.

Embase

Biomedical Engineering. 47 (4) (pp 192-194), 2013. Date of Publication: November 2013.

[Article]

AN: 52870496

Publisher

Springer New York LLC (E-mail: journals@springer-sbm.com)

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[SFX Link](#)

1016.

Estimation of the tissue damage after MI through time-frequency analysis of the electromechanical signals.

Orimi H.E., Shokooh L.A., Ghaffari A.

Embase

Journal of Medical Engineering and Technology. 37 (8) (pp 526-534), 2013. Date of Publication: 2013.

[Article]

AN: 370172669

Publisher

Informa Healthcare (69-77 Paul Street, London EC2A 4LQ, United Kingdom)

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1017.

Diagnosis and Prognosis of Cardiovascular Diseases on the Basis of Neural Networks.

Yasnitsky L.N., Dumler A.A., Bogdanov K.V., Poleschuk A.N., Cherepanov F.M., Makurina T.V., Chugaynov S.V.

Embase

Biomedical Engineering. 47 (3) (pp 160-163), 2013. Date of Publication: September 2013.

[Article]

AN: 369963250

Publisher

Springer New York LLC (E-mail: journals@springer-sbm.com)

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[SFX Link](#)

1018.

Early prediction of delayed cerebral ischemia after subarachnoid hemorrhage: Development and validation of a practical risk chart.

De Rooij N.K., Greving J.P., Rinkel G.J.E., Frijns C.J.M.

Embase

Stroke. 44 (5) (pp 1288-1294), 2013. Date of Publication: May 2013.

[Article]

AN: 52501812

Publisher

Lippincott Williams and Wilkins (530 Walnut Street, P O Box 327, Philadelphia PA 19106-3621, United States)

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1019.

Improved accuracy of myocardial perfusion SPECT for detection of coronary artery disease by machine learning in a large population.

Arsanjani R., Xu Y., Dey D., Vahistha V., Shalev A., Nakanishi R., Hayes S., Fish M., Berman D., Germano G., Slomka P.J.

Embase

Journal of Nuclear Cardiology. 20 (4) (pp 553-562), 2013. Date of Publication: August 2013.

[Article]

AN: 52597476

Publisher

Springer New York (233 Spring Street, New York NY 10013-1578, United States)

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1020.

Phonocardiography-based mitral valve prolapse detection using an artificial neural network.

Fonokardiografska detekcija prolapsa mitralne valvule upotrebom artefijalne neuronske mreze

<Fonokardiografska detekcija prolapsa mitralne valvule upotrebom artefijalne neuronske mreze.>

Bogdanovic V., Bozic I., Gavrovska A., Stojic V., Jakovljevic V.

Embase

Serbian Journal of Experimental and Clinical Research. 14 (3) (pp 113-120), 2013. Date of Publication: September 2013.

[Article]

AN: 370402547

Publisher

University of Kragujevac (P.O. Box 60, Kragujevac 34 000, Serbia)

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1021.

Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk.

Raitakari O.T., Makinen V.-P., McQueen M.J., Niemi J., Juonala M., Jauhiainen M., Salomaa V., Hannuksela M.L., Savolainen M.J., Kesaniemi Y.A., Kovanen P.T., Sundvall J., Solakivi T., Loo B.-M., Marniemi J., Hernesniemi J., Lehtimaki T., Kahonen M., Peltonen M., Leiviska J., Jula A., Anand S.S., Miller R., Yusuf S., Viikari J.S.A., Ala-Korpela M.

Embase

Atherosclerosis. 226 (1) (pp 245-251), 2013. Date of Publication: January 2013.

[Article]

AN: 52303182

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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1022.

[Probabilistic neural networks with macrolayers in systems for support of decision-making used for differential diagnosis of cardiovascular diseases].

Burmaka A.A., Volkov I.I., Ivanov V.A., Serebrovskii V.I.

Embase

Meditsinskaia tekhnika. (4) (pp 18-20), 2013. Date of Publication: 2013 Jul-Aug.

[Article]

AN: 563024530

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1023.

Image-based computational models for TAVI planning: from CT images to implant deployment.

Grbic S., Mansi T., Ionasec R., Voigt I., Houle H., John M., Schoebinger M., Navab N., Comaniciu D.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 16 (Pt 2) (pp 395-402), 2013. Date of Publication: 2013.

[Article]

AN: 372744752

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Link to the External Link Resolver:

[SFX Link](#)

1024.

Assessing thalamocortical functional connectivity with Granger causality.

Chen C., Maybhate A., Israel D., Thakor N.V., Jia X.

Embase

IEEE transactions on neural systems and rehabilitation engineering : a publication of the IEEE Engineering in Medicine and Biology Society. 21 (5) (pp 725-733), 2013. Date of Publication: Sep 2013.

[Article]

AN: 563048319

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Link to the External Link Resolver:

[SFX Link](#)

1025.

Combining personality traits with traditional risk factors for coronary stenosis: An artificial neural networks solution in patients with computed tomography detected coronary artery disease.

Compare A., Grossi E., Buscema M., Zarbo C., Mao X., Faletra F., Pasotti E., Moccetti T., Mommersteeg P.M.C., Auricchio A.

Embase

Cardiovascular Psychiatry and Neurology. 2013 (no pagination), 2013. Article Number: 814967. Date of Publication: 2013.

[Article]

AN: 370144169

Publisher

Hindawi Publishing Corporation (410 Park Avenue, 15th Floor, 287 pmb, New York NY 10022, United States)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1026.

Novel approaches for predicting risk factors of atherosclerosis.

Rao V.S., Kumar M.N.

Embase

IEEE journal of biomedical and health informatics. 17 (1) (pp 183-189), 2013. Date of Publication:

01 Jan 2013.

[Article]

AN: 603400275

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[SFX Link](#)

1027.

Detection of myocardial scar from the VCG using a supervised learning approach.

Panagiotou C., Dima S.-M., Mazomenos E.B., Rosengarten J., Maharatna K., Gialelis J., Morgan J.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2013 (pp 7326-7329), 2013. Date of Publication: 2013.

[Article]

AN: 605239407

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1028.

2nd National Congress on Medicinal Plants.

Anonymous

Embase

Iranian Journal of Pharmaceutical Research. Conference: 2nd National Congress on Medicinal Plants. (2nd). Iran, Islamic Republic of. Conference Publication: (1497 pages). 12 (Supplement 2) (pp 43), 2013. Date of Publication: Oct 2013.

[Conference Review]

AN: 75003105

Publisher

School of Pharmacy, Shaheed Beheshti University of Medical Sciences

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1029.

3-D imaging and illustration of nerve-lesion association in the mouse tongue of experimental oral cancer.

Hua T.-E., Liu K.-J., Tang S.-C.

Embase

Cancer Research. Conference: 104th Annual Meeting of the American Association for Cancer Research, AACR 2013. Washington, DC United States. Conference Publication: (var.pagings). 73 (8 SUPPL. 1) (no pagination), 2013. Date of Publication: 15 Apr 2013.

[Conference Abstract]

AN: 71342141

Publisher

American Association for Cancer Research Inc.

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1030.

Classification of vasospasm after aneurysmal subarachnoid hemorrhage using datadriven machine learning techniques.

Roederer A., Holmes J.H., Lee I., Park S.

Embase

Neurocritical Care. Conference: 11th Annual Meeting of the Neurocritical Care Society.
Philadelphia, PA United States. Conference Publication: (var.pagings). 19 (1 SUPPL. 1) (pp
S266), 2013. Date of Publication: September 2013.

[Conference Abstract]

AN: 71194715

Publisher

Humana Press

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1031.

Interpretation of ischemia in myocardial perfusion scintigraphy by two computer aided diagnosis
systems.

Tragardh E., Lomsky M., Johansson L.B., Svensson S.E., Edenbrandt L.

Embase

Journal of Nuclear Cardiology. Conference: 11th International Conference of Non-Invasive
Cardiovascular Imaging. Berlin Germany. Conference Publication: (var.pagings). 20 (1 SUPPL. 1)
(pp S23), 2013. Date of Publication: June 2013.

[Conference Abstract]

AN: 71160050

Publisher

Springer New York

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Link to the External Link Resolver:

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1032.

Quantitative adverse plaque features from coronary CT angiography predict impaired myocardial flow reserve by ¹³NAmmonia-PET.

Dey D., Alexanderson E., Schuhback A., Otaki Y., Ding X., Orozco L., Meave A., Berman D.S., Achenbach S., Slomka P.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 8th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography, SCCT 2013. Montreal, QC Canada.

Conference Publication: (var.pagings). 7 (SUPPL. 3) (pp S58), 2013. Date of Publication: May-June 2013.

[Conference Abstract]

AN: 71148036

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

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1033.

Prediction of impaired myocardial flow reserve by epicardial fat volume measured from non-contrast calcium scoring CT.

Otaki Y., Slomka P., Nakazato R., Schuhback A., Achenbach S., Huber B., Hayes S., Thomson L., Friedman J., Berman D.S., Dey D.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 8th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography, SCCT 2013. Montreal, QC Canada.

Conference Publication: (var.pagings). 7 (SUPPL. 3) (pp S55), 2013. Date of Publication: May-June 2013.

[Conference Abstract]

AN: 71148028

Publisher

Elsevier Inc.

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Link to the External Link Resolver:

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1034.

Artificial intelligence model of cardiovascular risk in renal disease outlines carotid markers.

Sandu O., Nastac I., Uribarri J.

Embase

Cardiology (Switzerland). Conference: International Academy of Cardiology 18th World Congress on Heart Disease Annual Scientific Sessions 2013. Vancouver, BC Canada. Conference

Publication: (var.pagings). 125 (SUPPL. 2) (pp 52), 2013. Date of Publication: July 2013.

[Conference Abstract]

AN: 71146148

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S. Karger AG

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1035.

Machine learning of STS and echo derived functional parameters predicts aortic stenosis mortality better than the STS mortality score alone.

Tsang W., Salgo I.S., Gajjar M., Freed B., Weinert L., Nathan S., Shah A., Lang R.M.

Embase

Journal of the American College of Cardiology. Conference: 62nd Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.13. San Francisco, CA United States. Conference Publication: (var.pagings). 61 (10 SUPPL. 1) (pp E1897), 2013. Date of Publication: 12 Mar 2013.

[Conference Abstract]

AN: 71021260

Publisher

Elsevier USA

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1036.

Integrated quantitative measurement of adverse plaque features from coronary CT angiography to predict impaired myocardial flow reserve by 13N-ammonia-pet.

Dey D., Rosas E.A., Schuhbaeck A., Otaki Y., Orozco L.E.J., Nakazato R., Germano G., Meave A., Berman D., Achenbach S., Slomka P.

Embase

Journal of the American College of Cardiology. Conference: 62nd Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.13. San Francisco, CA United States. Conference Publication: (var.pagings). 61 (10 SUPPL. 1) (pp E1041), 2013. Date of Publication: 12 Mar 2013.

[Conference Abstract]

AN: 71020404

Publisher

Elsevier USA

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1037.

Improved accuracy of myocardial perfusion spect for detection of coronary artery disease by machine learning in a large population.

Arsanjani R., Xu Y., Dey D., Shalev A., Nakanishi R., Hayes S., Fish M., Berman D., Germano G., Slomka P.

Embase

Journal of the American College of Cardiology. Conference: 62nd Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.13. San Francisco, CA United States. Conference Publication: (var.pagings). 61 (10 SUPPL. 1) (pp E1006), 2013. Date of Publication: 12 Mar 2013.

[Conference Abstract]

AN: 71020369

Publisher

Elsevier USA

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1038.

Cardioids: Toward a new methodology for predicting cardiovascular events.

Ioannis A.K., Almogahed B., Hecht H., Sibley C., Naghavi M., Budoff M.

Embase

Journal of the American College of Cardiology. Conference: 62nd Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.13. San Francisco, CA United States. Conference Publication: (var.pagings). 61 (10 SUPPL. 1) (pp E162), 2013. Date of Publication: 12 Mar 2013.

[Conference Abstract]

AN: 71019526

Publisher

Elsevier USA

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[SFX Link](#)

1039.

Does expanded artificial intelligence improve the prognostic value of myocardial perfusion imaging? A report from the NHLBI-sponsored women's ischemia syndrome evaluation (WISE).

Doyle M., Pohost G.M., Shaw L.J., Vido D.A., Kelsey S.F., Johnson B.D., Rogers W.J., Rayarao G., Sharaf B.L., Pepine C.J., Merz N.B., Biederman R.W.

Embase

Journal of Cardiovascular Magnetic Resonance. Conference: 16th Annual SCMR Scientific Sessions. San Francisco, CA United States. Conference Publication: (var.pagings). 15 (SUPPL. 1) (pp 417), 2013. Date of Publication: 30 Jan 2013.

[Conference Abstract]

AN: 70994387

Publisher

BioMed Central Ltd.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1040.

Global urinary proteome analysis for biomarker discovery for coronary artery disease risk prediction in Asian Indians.

Singh S., Gupta S.K., Saxena A., Mir R., Ahmed S.

Embase

Indian Heart Journal. Conference: 65th Annual Conference of Cardiology Society of India. Bengaluru India. Conference Publication: (var.pagings). 65 (SUPPL. 1) (pp S7), 2013. Date of Publication: December 2013.

[Conference Abstract]

AN: 71245344

Publisher

Elsevier

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1041.

Sagittal abdominal diameter (SAD) in identification obese patients at higher cardiovascular risk.

Stokic E., Kupusinac A., Srdic B., Tomic-Nagic D., Isenovic E.

Embase

Cardiology (Switzerland). Conference: 10th International Congress on Coronary Artery Disease, ICCAD 2013. Florence Italy. Conference Publication: (var.pagings). 126 (SUPPL. 2) (pp 169), 2013. Date of Publication: October 2013.

[Conference Abstract]

AN: 71231723

Publisher

S. Karger AG

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1042.

Urinary Biomarker discovery for coronary artery disease risk prediction using global proteomic analysis.

Madan G., Sangeeta M., Sharma A., Kakkar V.V., Vangala R.K.

Embase

Journal of Thrombosis and Haemostasis. Conference: 24th Congress of the International Society on Thrombosis and Haemostasis. Amsterdam Netherlands. Conference Publication: (var.pagings). 11 (SUPPL. 2) (pp 917), 2013. Date of Publication: July 2013.

[Conference Abstract]

AN: 71209084

Publisher

Blackwell Publishing Ltd

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1043.

Predictive model for L-type channel inhibition: Multichannel block in QT prolongation risk assessment.

Wisniowska B., Mendyk A., Fijorek K., Glinka A., Polak S.

Embase

Journal of Applied Toxicology. 32 (10) (pp 858-866), 2012. Date of Publication: October 2012.

[Article]

AN: 52099375

Publisher

John Wiley and Sons Ltd (Southern Gate, Chichester, West Sussex PO19 8SQ, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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1044.

Screening for obstructive sleep apnea in veterans with ischemic heart disease using a computer-based clinical decision-support system.

Laporta R., Anandam A., El-Solh A.A.

Embase

Clinical Research in Cardiology. 101 (9) (pp 737-744), 2012. Date of Publication: September 2012.

[Article]

AN: 51941894

Publisher

D. Steinkopff-Verlag (P.O. Box 100462, Darmstadt D-64204, Germany)

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[SFX Link](#)

1045.

The vascular neural network - A new paradigm in stroke pathophysiology.

Zhang J.H., Badaut J., Tang J., Obenaus A., Hartman R., Pearce W.J.

Embase

Nature Reviews Neurology. 8 (12) (pp 711-716), 2012. Date of Publication: December 2012.

[Review]

AN: 52259299

Publisher

Nature Publishing Group (Houndmills, Basingstoke, Hampshire RG21 6XS, United Kingdom)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1046.

An automated approach for segmentation of intravascular ultrasound images based on parametric active contour models.

Vard A., Jamshidi K., Movahhedinia N.

Embase

Australasian physical & engineering sciences in medicine / supported by the Australasian College of Physical Scientists in Medicine and the Australasian Association of Physical Sciences in Medicine. 35 (2) (pp 135-150), 2012. Date of Publication: Jun 2012.

[Article]

AN: 365626818

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1047.

A biomedical system based on artificial neural network and principal component analysis for diagnosis of the heart valve diseases.

Uguz H.

Embase

Journal of Medical Systems. 36 (1) (pp 61-72), 2012. Date of Publication: February 2012.

[Article]

AN: 50818527

Publisher

Springer New York (233 Spring Street, New York NY 10013-1578, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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1048.

Prediction of long-term ischemic events by noninvasively assessed coronary flow reserve.

Puddu P.E., Mariano E., Voci P., Pizzuto F.

Embase

Journal of Cardiovascular Medicine. 13 (8) (pp 483-490), 2012. Date of Publication: August 2012.

[Article]

AN: 51781798

Publisher

Lippincott Williams and Wilkins (530 Walnut Street,P O Box 327, Philadelphia PA 19106-3621, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1049.

ECG analysis using multiple instance learning for myocardial infarction detection.

Sun L., Lu Y., Yang K., Li S.

Embase

IEEE Transactions on Biomedical Engineering. 59 (12) (pp 3348-3356), 2012. Article Number: 6280632. Date of Publication: 2012.

[Article]

AN: 366191767

Publisher

IEEE Computer Society (2001 L Street N.W., Suite 700, Washington DC 20036-4928, United States)

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1050.

An artificial neural network to safely reduce the number of ambulance ECGs transmitted for physician assessment in a system with prehospital detection of ST elevation myocardial infarction.

Forberg J.L., Khoshnood A., Green M., Ohlsson M., Bjork J., Jovinge S., Edenbrandt L., Ekelund U.

Embase

Scandinavian journal of trauma, resuscitation and emergency medicine. 20 (pp 8), 2012. Date of Publication: 2012.

[Article]

AN: 364884999

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1051.

Coronary heart disease diagnosis by artificial neural networks including genetic polymorphisms and clinical parameters.

Atkov O.Y., Gorokhova S.G., Sboev A.G., Generozov E.V., Muraseyeva E.V., Moroshkina S.Y., Cherniy N.N.

Embase

Journal of Cardiology. 59 (2) (pp 190-194), 2012. Date of Publication: March 2012.

[Article]

AN: 51792879

Publisher

Japanese College of Cardiology (Nippon-Sinzobyō-Gakkai) (Hongo 4-9-22, Bunkyo-ku, Tokyo 113, Japan)

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Link to the External Link Resolver:

[SFX Link](#)

1052.

Machine learning techniques as a helpful tool toward determination of plaque vulnerability.

Cilla M., Martinez J., Pena E., Martinez M.A.

Embase

IEEE Transactions on Biomedical Engineering. 59 (4) (pp 1155-1161), 2012. Date of Publication:

April 2012.

[Article]

AN: 364510889

Publisher

IEEE Computer Society (2001 L Street N.W., Suite 700, Washington DC 20036-4928, United States)

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[SFX Link](#)

1053.

A comparison of different feature extraction methods for diagnosis of valvular heart diseases using PCG signals.

Rouhani M., Abdoli R.

Embase

Journal of medical engineering & technology. 36 (1) (pp 42-49), 2012. Date of Publication: Jan

2012.

[Article]

AN: 560061724

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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1054.

Thrombotic events associated with C1 esterase inhibitor products in patients with hereditary angioedema: Investigation from the United States food and drug administration adverse event reporting system database.

Gandhi P.K., Gentry W.M., Bottorff M.B.

Embase

Pharmacotherapy. 32 (10) (pp 902-909), 2012. Date of Publication: October 2012.

[Article]

AN: 365815553

Publisher

Pharmacotherapy Publications Inc. (750 Washington Street, Boston MA 02111, United States)

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1055.

Non-pharmacological strategies in cardiovascular prevention: 2011 highlights.

Guiraud T., Labrunee M., Gayda M., Juneau M., Gremeaux V.

Embase

Annals of Physical and Rehabilitation Medicine. 55 (5) (pp 342-374), 2012. Date of Publication: July 2012.

[Short Survey]

AN: 51991532

Publisher

Elsevier Masson SAS (62 rue Camille Desmoulins, Issy les Moulineaux Cedex 92442, France)

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1056.

Identifying relatively high-risk group of coronary artery calcification based on progression rate: statistical and machine learning methods.

Kim H.Y., Yoo S., Lee J., Kam H.J., Woo K.G., Choi Y.H., Sung J., Kang M.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 2202-2205), 2012. Date of Publication: 2012.

[Article]

AN: 563073301

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1057.

An approach to determine myocardial ischemia by hidden Markov models.

Tang X., Xia L., Liu W., Peng Y., Gao T., Zeng Y.

Embase

Computer methods in biomechanics and biomedical engineering. 15 (10) (pp 1065-1070), 2012.

Date of Publication: 2012.

[Article]

AN: 366372998

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1058.

Morphological analysis of the left ventricular endocardial surface and its clinical implications.

Mukhopadhyay A., Qian Z., Bhandarkar S.M., Liu T., Rinehart S., Voros S.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 15 (Pt 2) (pp 502-510), 2012. Date of Publication: 2012.

[Article]

AN: 368189373

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1059.

Prediction of mortality in stroke patients using multilayer perceptron neural networks.

Sut N., Cellk Y.

Embase

Turkish Journal of Medical Sciences. 42 (5) (pp 886-893), 2012. Date of Publication: 2012.

[Article]

AN: 365291581

Publisher

Turkiye Klinikleri Journal of Medical Sciences (Talapapa Bulvary no. 102, Hamammonu 1 06230, Turkey)

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[SFX Link](#)

1060.

Ischemia episode detection in ECG using kernel density estimation, support vector machine and feature selection.

Park J., Pedrycz W., Jeon M.

Embase

Biomedical engineering online. 11 (pp 30), 2012. Date of Publication: 2012.

[Article]

AN: 366368949

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1061.

Prediction of acute cardiac complications in patients presenting with chest pain in the emergency department using support vector machine.

Ting B.P., Koh Z.X., Haaland B., Tan L.M.L., Chua E.C.P., Ong M.E.H., Goh K.J.Y.

Embase

Proceedings of Singapore Healthcare. Conference: SingHealth Duke-NUS Scientific Congress 2012. Singapore Singapore. Conference Publication: (var.pagings). 21 (SUPPL. 1) (pp S333), 2012. Date of Publication: March 2012.

[Conference Abstract]

AN: 72035450

Publisher

SAGE Publications Inc.

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Link to the External Link Resolver:

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1062.

Determination of postoperative and intraoperative predictors of post-operative deterioration.

Gebre-Amlak K., Weavind L.M., Ehrenfeld J.M.

Embase

Anesthesia and Analgesia. Conference: 2012 Annual Meeting of the International Anesthesia Research Society, IARS 2012. Boston, MA United States. Conference Publication: (var.pagings). 114 (5 SUPPL. 1) (pp S270), 2012. Date of Publication: May 2012.

[Conference Abstract]

AN: 71793626

Publisher

Lippincott Williams and Wilkins

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1063.

Improved accuracy of myocardial perfusion SPECT (MPS) for detection of coronary artery disease (CAD) by utilizing machine learning methods.

Arsanjani R., Tourassi G., Xu S., Fish M., Berman D.S., Germano G., Slomka P.J.

Embase

Journal of Nuclear Cardiology. Conference: 17th Annual Scientific Session of the American Society of Nuclear Cardiology, ASNC 2012. Baltimore, MD United States. Conference Publication: (var.pagings). 19 (4) (pp 827), 2012. Date of Publication: August 2012.

[Conference Abstract]

AN: 70850406

Publisher

Springer New York

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1064.

A novel, left ventricular endosurface quantification method using 320-detector-row isotropic, volumetric CT can accurately identify patients with obstructive coronary disease.

Qian Z., Mukhopadhyay A., Rinehart S., Bhatt K., Odeh W., Bhandarkar S., Liu T., Dhungel A., Voros S.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 7th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. Baltimore, MD United States. Conference Publication: (var.pagings). 6 (4 SUPPL. 1) (pp S24), 2012. Date of Publication: July-August 2012. [Conference Abstract]

AN: 70808456

Publisher

Elsevier Inc.

Link to the Ovid Full Text or citation:

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1065.

Prediction of acute cardiac complications in patients presenting with chest pain in the emergency department using support vector machine.

Ting B.P., Koh Z., Tan L.M.L., Chua E.C.-P., Ong M.E.H.

Embase

Academic Emergency Medicine. Conference: 14th International Conference on Emergency Medicine, ICEM 2012. Dublin Ireland. Conference Publication: (var.pagings). 19 (6) (pp 726), 2012. Date of Publication: June 2012.

[Conference Abstract]

AN: 70796085

Publisher

Blackwell Publishing Ltd

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1066.

ABO blood type matching and survival after heart transplantation: Analyze of the ISHLT registry. Nilsson J., Ohlsson M., Hoglund P., Ekmeahag B., Koul B., Andersson B.

Embase

Journal of Heart and Lung Transplantation. Conference: 32nd Annual Meeting and Scientific Sessions of the International Society for Heart and Lung Transplantation. Prague Czech Republic. Conference Publication: (var.pagings). 31 (4 SUPPL. 1) (pp S136), 2012. Date of Publication: April 2012.

[Conference Abstract]

AN: 70734484

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1067.

Automated, quantitative analysis of rest myocardial perfusion obtained on 320-detector row volumetric CT can reliably identify obstructive coronary artery disease.

Qian Z., Rinehart S., Bhatt K., Odeh W., Joshi P., Dhungel A., Voros S.

Embase

Journal of the American College of Cardiology. Conference: 61th Annual Scientific Session of the American College of Cardiology and i2 Summit: Innovation in Intervention, ACC.12. Chicago, IL United States. Conference Publication: (var.pagings). 59 (13 SUPPL. 1) (pp E1360), 2012. Date of Publication: 27 Mar 2012.

[Conference Abstract]

AN: 70714800

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1068.

Clinical Utility of Multiple Biomarker Panels for Cardiovascular Disease Risk Prediction.

Hughes M., Kee F., Salomaa V.

Embase

Current Cardiovascular Risk Reports. 5 (2) (pp 165-173), 2011. Date of Publication: 2011.

[Review]

AN: 368295818

Publisher

Current Medicine Group LLC (400 Market St, Ste 700 Philadelphia PA 19106, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1069.

Learning from only positive and unlabeled data to detect lesions in vascular CT images.

Zuluaga M.A., Hush D., Delgado Leyton E.J., Hernandez Hoyos M., Orkisz M.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 14 (Pt 3) (pp 9-16), 2011. Date of Publication: 2011.

[Article]

AN: 362997180

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1070.

Computationally generated cardiac biomarkers for risk stratification after acute coronary syndrome.

Syed Z., Stultz C.M., Scirica B.M., Gutttag J.V.

Embase

Science Translational Medicine. 3 (102) (no pagination), 2011. Article Number: 102ra95. Date of Publication: 28 Sep 2011.

[Article]

AN: 362647479

Publisher

American Association for the Advancement of Science (1200 New York Avenue NW, Washington DC 20005, United States)

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1071.

Automatic detection of abnormal vascular cross-sections based on density level detection and support vector machines.

Zuluaga M.A., Magnin I.E., Hernandez Hoyos M., Delgado Leyton E.J.F., Lozano F., Orkisz M.

Embase

International Journal of Computer Assisted Radiology and Surgery. 6 (2) (pp 163-174), 2011.

Date of Publication: March 2011.

[Article]

AN: 50953132

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Springer Verlag (E-mail: service@springer.de)

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1072.

Clinical data do not improve artificial neural network interpretation of myocardial perfusion scintigraphy.

Gjertsson P., Johansson L., Lomsky M., Ohlsson M., Underwood S.R., Edenbrandt L.

Embase

Clinical Physiology and Functional Imaging. 31 (3) (pp 240-245), 2011. Date of Publication: May 2011.

[Article]

AN: 51352631

Publisher

Blackwell Publishing Ltd (9600 Garsington Road, Oxford OX4 2XG, United Kingdom)

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1073.

Effect of content variation of Danshen water-soluble components on myocardial energy metabolism in isolated ischemia-reperfusion rat hearts.

Huang L.-H., Chen Y.-C., Cheng Y., He H., Si Q., Tang Y.-Q., Liu X.-Q.

Embase

Journal of China Pharmaceutical University. 42 (4) (pp 348-353), 2011. Date of Publication:
August 2011.

[Article]

AN: 362543525

Publisher

China Pharmaceutical University (24 Tongjia Xiang, Nanjing, Jiangsu 210009, China)

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1074.

Detection and classification of cardiac ischemia using vector cardiogram signal via neural
network.

Dehnavi A.R.M., Farahabadi I., Rabbani H., Farahabadi A., Mahjoob M.P., Dehnavi N.R.

Embase

Journal of Research in Medical Sciences. 16 (2) (no pagination), 2011. Date of Publication: 2011.

[Article]

AN: 361278868

Publisher

Isfahan University of Medical Sciences (Hezar Jerib Avenue, P.O. Box 81745-319, Isfahan, Iran,
Islamic Republic of)

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1075.

Artificial Organs 2010: A Year in Review.

Malchesky P.S.

Embase

Artificial Organs. 35 (3) (pp 316-350), 2011. Date of Publication: March 2011.

[Review]

AN: 361447923

Publisher

Blackwell Publishing Inc. (350 Main Street, Malden MA 02148, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1076.

Distance-weighted lesion-specific coronary artery calcium score achieves significant net reclassification improvement in prediction of near-term cardiac events compared to agatston score and volume score.

Qian Z., Marvasty I., Rinehart S., Joshi P.H., Sharma A., Bajpai A., Voros S.

Embase

Journal of Cardiovascular Computed Tomography. Conference: 6th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomograph, SCCT 2011. Denver, CO United States.

Conference Publication: (var.pagings). 5 (4 SUPPL. 1) (pp S39), 2011. Date of Publication: July-August 2011.

[Conference Abstract]

AN: 70898103

Publisher
Elsevier Inc.

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[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

1077.

Computer aided diagnosis systems for the interpretation of myocardial perfusion scintigrams.
Johansson L., Lomsky M., Marving J., Svensson S., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: Annual Congress of the European Association of Nuclear Medicine 2011. Birmingham United Kingdom. Conference Publication: (var.pagings). 38 (SUPPL. 2) (pp S307), 2011. Date of Publication: October 2011.

[Conference Abstract]

AN: 70580696

Publisher
Springer Verlag

Link to the Ovid Full Text or citation:
[Click here for full text options](#)

Link to the External Link Resolver:
[SFX Link](#)

1078.

Attenuation corrected images in myocardial perfusion scintigraphy better predicts the need for a rest study than non-corrected images.

Tragardh-Johansson E., Nystrom K., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. Conference: Annual Congress of the European Association of Nuclear Medicine 2011. Birmingham United Kingdom. Conference Publication: (var.pagings). 38 (SUPPL. 2) (pp S104), 2011. Date of Publication: October 2011. [Conference Abstract]

AN: 70579924

Publisher

Springer Verlag

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[Click here for full text options](#)

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[SFX Link](#)

1079.

Plasma lipidomic analysis of stable and unstable coronary artery disease.

Kingwell B.A., Tsorotes D., Goudey B., Kowolczyk A., Haviv I., White A., Dart A., Duffy S., Jennings G.L.R., Meikle P.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2011. Paris France. Conference Publication: (var.pagings). 32 (SUPPL. 1) (pp 652), 2011. Date of Publication: August 2011.

[Conference Abstract]

AN: 70535502

Publisher

Oxford University Press

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1080.

Artificial neural networks - Relative importance of different recipient-donor characteristic combinations on survival after heart transplantation.

Nilsson J., Ohlsson M., Hoglund P., Ekmehag B., Koul B., Andersson B.

Embase

Journal of Heart and Lung Transplantation. Conference: 31st Annual Meeting and Scientific Sessions of the International Society for Heart and Lung Transplantation, ISHLT. San Diego, CA United States. Conference Publication: (var.pagings). 30 (4 SUPPL. 1) (pp S68), 2011. Date of Publication: April 2011.

[Conference Abstract]

AN: 70383564

Publisher

Elsevier USA

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1081.

Time-frequency analysis of venous stenosis: A comparative study.

Vasquez P., Munguia M., Mattsson E., Mandersson B.

Embase

Annals of Hematology. Conference: Acute Leukemias XIII: Biology and Treatment Strategies.

Munich Germany. Conference Publication: (var.pagings). 90 (1 SUPPL. 1) (pp e61-e62), 2011.

Date of Publication: March-April 2011.

[Conference Abstract]

AN: 70365138

Publisher

Springer Verlag

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1082.

Lesion-specific coronary artery calcium quantification for predicting cardiac event with multiple instance support vector machines.

Liu Q., Qian Z., Marvasty I., Rinehart S., Voros S., Metaxas D.N.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International

Conference on Medical Image Computing and Computer-Assisted Intervention. 13 (Pt 1) (pp 484-492), 2010. Date of Publication: 2010.

[Article]

AN: 359940947

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1083.

Computerized method for evaluating diagnostic image quality of calcified plaque images in cardiac CT: Validation on a physical dynamic cardiac phantom.

King M., Rodgers Z., Giger M.L., Bardo D.M.E., Patel A.R.

Embase

Medical Physics. 37 (11) (pp 5777-5786), 2010. Date of Publication: November 2010.

[Article]

AN: 359935443

Publisher

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1084.

Toward a personal health society in cardiology.

Fayn J., Rubel P.

Embase

IEEE transactions on information technology in biomedicine : a publication of the IEEE

Engineering in Medicine and Biology Society. 14 (2) (pp 401-409), 2010. Date of Publication: Mar 2010.

[Article]

AN: 359863955

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1085.

Nonlinear registration of serial coronary CT angiography (CCTA) for assessment of changes in atherosclerotic plaque.

Woo J., Dey D., Cheng V.Y., Hong B.-W., Ramesh A., Sundaramoorthi G., Nakazato R., Berman D.S., Germano G., Kuo C.-C.J., Slomka P.J.

Embase

Medical Physics. 37 (2) (pp 885-896), 2010. Date of Publication: 2010.

[Article]

AN: 358225760

Publisher

AAPM - American Association in the Physicists in Medicine (One Physics Ellipse, College Park MD 20740, United States)

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[SFX Link](#)

1086.

Automated aortic calcium scoring on low-dose chest computed tomography.

Isgum I., Rutten A., Prokop M., Staring M., Klein S., Pluim J.P.W., Viergever M.A., Van Ginneken

B.

Embase

Medical Physics. 37 (2) (pp 714-723), 2010. Date of Publication: 2010.

[Article]

AN: 358225743

Publisher

AAPM - American Association in the Physicists in Medicine (One Physics Ellipse, College Park
MD 20740, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1087.

Use of kernel functions in artificial immune systems for the nonlinear classification problems.

Ozsen S., Gunes S., Kara S., Latifoglu F.

Embase

IEEE transactions on information technology in biomedicine : a publication of the IEEE

Engineering in Medicine and Biology Society. 13 (4) (pp 621-628), 2009. Date of Publication: Jul
2009.

[Article]

AN: 355387346

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1088.

Real-time detection of transient cardiac ischemic episodes from ECG signals.

Dranca L., Goi A., Illarramendi A.

Embase

Physiological Measurement. 30 (9) (pp 983-998), 2009. Date of Publication: 2009.

[Article]

AN: 355520933

Publisher

Institute of Physics Publishing (Temple Circus, Temple Way, Bristol BS1 6BE, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1089.

Atrial activity extraction in single-chamber implantable defibrillators.

Degand B., Milpied P., Dubois R., Henry C., Kobeissi A., Dreyfus G.

Embase

Europace. Conference: 17th World Congress in Cardiac Electrophysiology and Cardiac Techniques, Cardiostim 2010. Nice France. Conference Publication: (var.pagings). 12 (SUPPL. 1) (pp i95), 2010. Date of Publication: June 2010.

[Conference Abstract]

AN: 70460421

Publisher

Oxford University Press

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1090.

An open-source framework of neural networks for diagnosis of coronary artery disease from myocardial perfusion SPECT.

Guner L.A., Karabacak N.I., Akdemir O.U., Karagoz P.S., Kocaman S.A., Cengel A., Unlu M.

Embase

Journal of Nuclear Cardiology. 17 (3) (pp 405-413), 2010. Date of Publication: June 2010.

[Article]

AN: 50824145

Publisher

Springer New York (233 Spring Street, New York NY 10013-1578, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1091.

Data mining of magnetocardiograms for prediction of ischemic heart disease.

Kangwanariyakul Y., Nantasenamat C., Tantimongcolwat T., Naenna T.

Embase

EXCLI Journal. 9 (pp 82-95), 2010. Date of Publication: 2010.

[Article]

AN: 362865684

Publisher

Leibniz Res. Centre for Working Environ. and Human Factors (Ardeystr.67, Dortmund D-44139, Germany)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1092.

State classification of heart rate variability by an artificial neural network in frequency domain.

Yasumoto Y., Yagi S., Yana K., Nozawa M., Ono T.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 1401-1404), 2010. Date of Publication: 2010.

[Article]

AN: 360309883

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1093.

Can leukocyte telomere length (LTL) be considered as an index in application of neural network in the atherosclerosis risk stratification?.

Behjati M., Hashemi M., Salehi M., Kelishadi R.

Embase

International Journal of Cardiology. 144 (1) (pp 136-137), 2010. Date of Publication: 24 Sep 2010.

[Letter]

AN: 50404349

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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[SFX Link](#)

1094.

A lead dependent ischemic episodes detection strategy using Hermite functions.

Rocha T., Paredes S., Carvalho P., Henriques J., Harris M., Morais J., Antunes M.

Embase

Biomedical Signal Processing and Control. 5 (4) (pp 271-281), 2010. Date of Publication: October 2010.

[Article]

AN: 51054502

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

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[Click here for full text options](#)

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[SFX Link](#)

1095.

Quantitating signaling pathway proteins in FFPE sections using multispectral imaging and automated image analysis.

Hoyt C., Lane K., Gardner H., Feldman M.

Embase

Cancer Research. Conference: 101st Annual Meeting of the American Association for Cancer Research, AACR 2010. Washington, DC United States. Conference Publication: (var.pagings). 70 (8 SUPPL. 1) (no pagination), 2010. Date of Publication: 15 Apr 2010.

[Conference Abstract]

AN: 71451279

Publisher

American Association for Cancer Research Inc.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1096.

Valves in the Heart of the Big Apple VI: Evaluation and Management of Valvular Heart Diseases 2010 - Second Annual Joint Meeting of the Heart Valve Society of America and Society of Heart Valve Diseases.

Anonymous

Embase

Cardiology. Conference: 2nd Annual Joint Meeting of the Heart Valve Society of America and Society of Heart Valve Diseases - Valves in the Heart of the Big Apple 6th: Evaluation and Management of Valvular Heart Diseases 2010. New York City, NY United States. Conference Publication: (var.pagings). 115 (4) (no pagination), 2010. Date of Publication: April 2010.

[Conference Review]

AN: 70168749

Publisher

S. Karger AG

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1097.

6th Annual Congress of the European Cardiac Arrhythmia Society, ECAS 2010.

Anonymous

Embase

Journal of Interventional Cardiac Electrophysiology. Conference: 6th Annual Congress of the European Cardiac Arrhythmia Society, ECAS 2010. Munich Germany. Conference Publication: (var.pagings). 27 (3) (no pagination), 2010. Date of Publication: 2010.

[Conference Review]

AN: 70239667

Publisher

Springer Netherlands

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[Click here for full text options](#)

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[SFX Link](#)

1098.

Plasma lipidomic analysis of stable and unstable coronary artery disease.

Meikle P., Tsorotes D., Barlow C., Weir J., MacIntosh G., Barber M., Goudey B., Bedo J., Stern L., Kowalczyk A., Haviv I., White A., Dart A., Duffy S., Kingwell B.

Embase

Atherosclerosis Supplements. Conference: 78th EAS Congress. Hamburg Germany. Conference

Publication: (var.pagings). 11 (2) (pp 24), 2010. Date of Publication: June 2010.

[Conference Abstract]

AN: 70201597

Publisher

Elsevier Ireland Ltd

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Link to the External Link Resolver:

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1099.

Artificial neural networks - A method for optimal donor-recipient matching. Large scale simulation of survival after heart transplantation.

Nilsson J., Ohlsson M., Hoglund P., Ekmechag B., Koul B.

Embase

Journal of Heart and Lung Transplantation. Conference: 30th Annual Meeting and Scientific Sessions of the International Society for Heart and Lung Transplantation, ISHLT. Chicago, IL United States. Conference Publication: (var.pagings). 29 (2 SUPPL. 1) (pp S29), 2010. Date of Publication: February 2010.

[Conference Abstract]

AN: 70194213

Publisher

Elsevier USA

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1100.

Artificial neural network versus multiple logistic function to predict 25-year coronary heart disease mortality in the Seven Countries Study.

Puddu P.E., Menotti A.

Embase

European Journal of Cardiovascular Prevention and Rehabilitation. 16 (5) (pp 583-591), 2009.

Date of Publication: October 2009.

[Article]

AN: 355823132

Publisher

SAGE Publications Inc. (2455 Teller Road, Thousand Oaks CA 91320, United States)

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[SFX Link](#)

1101.

Strong scaling and speedup to 16,384 processors in cardiac electro-mechanical simulations.

Reumann M., Fitch B.G., Rayshubskiy A., Keller D.U., Seemann G., Dossel O., Pitman M.C.,
Rice J.J.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in
Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference.
(pp 2795-2798), 2009. Date of Publication: 2009.

[Article]

AN: 355918457

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1102.

Usefulness of Coronary Flow Reserve Measured by Echocardiography to Improve the
Identification of Significant Left Anterior Descending Coronary Artery Stenosis Assessed by
Multidetector Computed Tomography.

Pizzuto F., Voci P., Bartolomucci F., Puddu P.E., Strippoli G., Broglia L., Rossi P.

Embase

American Journal of Cardiology. 104 (5) (pp 657-664), 2009. Date of Publication: 01 Sep 2009.

[Article]

AN: 355104242

Publisher

Elsevier Inc. (360 Park Avenue South, New York NY 10010, United States)

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1103.

Heart sound reproduction based on neural network classification of cardiac valve disorders using wavelet transforms of PCG signals.

Babaei S., Geranmayeh A.

Embase

Computers in Biology and Medicine. 39 (1) (pp 8-15), 2009. Date of Publication: January 2009.

[Article]

AN: 50355706

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1104.

Preliminary classification of myocardial perfusion examinations using a short set of physiological parameters.

Cardoso G.G., Freire L.C., Almeida P.D.

Embase

European Heart Journal, Supplement. Conference: 9th International Conference of Non-Invasive Cardiovascular Imaging. Barcelona Spain. Conference Publication: (var.pagings). 11 (SUPPL. B) (pp S58), 2009. Date of Publication: May 2009.

[Conference Abstract]

AN: 70128051

Publisher

Oxford University Press

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1105.

Distinctive cytokine signature in patients with ST-Elevation Myocardial Infarction (STEMI) associated with high levels of circulating interleukin (IL)6.

Ammirati E., Cristell N., Cannistraci C.V., Paganoni A., Sangalli L., Monello A., Uren N., Manfredi A.A., Cianflone D., Maseri A.

Embase

European Heart Journal. Conference: European Society of Cardiology, ESC Congress 2009. Barcelona Spain. Conference Publication: (var.pagings). 30 (SUPPL. 1) (pp 934-935), 2009. Date of Publication: September 2009.

[Conference Abstract]

AN: 70356743

Publisher

Oxford University Press

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Link to the External Link Resolver:

[SFX Link](#)

1106.

28th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, EACTA 2013.

Anonymous

Embase

Applied Cardiopulmonary Pathophysiology. Conference: 28th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists, EACTA 2013. (28). Spain. Conference

Publication: (234 pages). 17 (2) (pp 233-234) Date of Publication: 2013.

[Conference Review]

AN: 75005254

Publisher

PABST Science Publishers

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1107.

Automatic detection of calcified coronary plaques in computed tomography data sets.

Saur S.C., Alkadhi H., Desbiolles L., Szekely G., Cattin P.C.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 11 (Pt 1) (pp 170-177), 2008. Date of Publication: 2008.

[Article]

AN: 550063656

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1108.

Toward unsupervised classification of calcified arterial lesions.

Brunner G., Kurkure U., Chittajallu D.R., Yalamanchili R.P., Kakadiaris I.A.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 11 (Pt 1) (pp 144-152), 2008. Date of Publication: 2008.

[Article]

AN: 550063653

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1109.

Functional integration of newly generated neurons into striatum after cerebral ischemia in the adult rat brain.

Hou S.-W., Wang Y.-Q., Xu M., Shen D.-H., Wang J.-J., Huang F., Yu Z., Sun F.-Y.

Embase

Stroke. 39 (10) (pp 2837-2844), 2008. Date of Publication: 01 Oct 2008.

[Article]

AN: 354715481

Publisher

Lippincott Williams and Wilkins (530 Walnut Street,P O Box 327, Philadelphia PA 19106-3621, United States)

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1110.

Childhood obesity: recent advances and an experimental contribution. Il bambino obeso: attualita e contributo sperimentale <Il bambino obeso: attualita e contributo sperimentale.>

Caramia G., Cocchi M., Tonello L., Visci G.

Embase

La Pediatria medica e chirurgica : Medical and surgical pediatrics. 30 (3) (pp 121-140), 2008.

Date of Publication: 2008 May-Jun.

[Review]

AN: 550070990

Link to the Ovid Full Text or citation:

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1111.

Shape-driven segmentation of the arterial wall in intravascular ultrasound images.

Unal G., Bucher S., Carlier S., Slabaugh G., Fang T., Tanaka K.

Embase

IEEE transactions on information technology in biomedicine : a publication of the IEEE

Engineering in Medicine and Biology Society. 12 (3) (pp 335-347), 2008. Date of Publication: May 2008.

[Article]

AN: 352334647

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1112.

Challenges in atherosclerotic plaque characterization with intravascular ultrasound (IVUS): from data collection to classification.

Katouzian A., Sathyanarayana S., Baseri B., Konofagou E.E., Carlier S.G.

Embase

IEEE transactions on information technology in biomedicine : a publication of the IEEE Engineering in Medicine and Biology Society. 12 (3) (pp 315-327), 2008. Date of Publication: May 2008.

[Article]

AN: 352334645

Link to the Ovid Full Text or citation:

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1113.

New methods for improved evaluation of patients with suspected acute coronary syndrome in the emergency department.

Ekelund U., Forberg J.L.

Embase

Postgraduate Medical Journal. 84 (988) (pp 83-86), 2008. Date of Publication: February 2008.

[Review]

AN: 351972491

Publisher

BMJ Publishing Group (Tavistock Square, London WC1H 9JR, United Kingdom)

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1114.

Membrane platelet fatty acids: biochemical characterisation of the ischemic cardiovascular disease, characteristics of the paediatric age, through an artificial neural network interpretation.
Acidi grassi di membrana delle piastrine: tipizzazione biochimica della cardiopatia vascolare ischemica e caratteristiche dell'eta pediatrica nell'interpretazione di una Rete Neurale Artificiale
<Acidi grassi di membrana delle piastrine: tipizzazione biochimica della cardiopatia vascolare ischemica e caratteristiche dell'eta pediatrica nell'interpretazione di una Rete Neurale Artificiale.>
Cocchi M., Tonello L., Cappello G., Tarozzi G., Nabacino L., Pastorini E., Bucciarelli S., Solazzo L., De Luca M., Visci G., Caramia G.

Embase

La Pediatria medica e chirurgica : Medical and surgical pediatrics. 30 (1) (pp 25-30), 2008. Date of Publication: 2008 Jan-Feb.

[Review]

AN: 351906445

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1115.

The Framingham study and treatment guidelines for stroke prevention.

Grossi E.

Embase

Current Treatment Options in Cardiovascular Medicine. 10 (3) (pp 207-215), 2008. Date of Publication: June 2008.

[Review]

AN: 352693326

Publisher

Springer Healthcare

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Link to the External Link Resolver:

[SFX Link](#)

1116.

Predicting coronary artery disease with medical profile and gene polymorphisms data.

Chen Q., Li G., Leong T.Y., Heng C.K.

Embase

Medinfo. MEDINFO. 12 (Pt 2) (pp 1219-1224), 2007. Date of Publication: 2007.

[Article]

AN: 350039357

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1117.

Fully automated registration of first-pass myocardial perfusion MRI using independent component analysis.

Milles J., van der Geest R.J., Jerosch-Herold M., Reiber J.H., Lelieveldt B.P.

Embase

Information processing in medical imaging : proceedings of the ... conference. 20 (pp 544-555), 2007. Date of Publication: 2007.

[Article]

AN: 47349577

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1118.

A two-dimensional CVIB imaging system with a snake-based tracking algorithm.

Bai J., Liu K., Ying K., Jiang Y., Zhang P., Lau J.

Embase

IEEE transactions on ultrasonics, ferroelectrics, and frequency control. 54 (11) (pp 2300-2308), 2007. Date of Publication: Nov 2007.

[Article]

AN: 350325856

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[Click here for full text options](#)

Link to the External Link Resolver:

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1119.

A novel 3D multi-scale liness filter for vessel detection.

Bennink H.E., van Assen H.C., Streekstra G.J., ter Wee R., Spaan J.A., ter Haar Romeny B.M.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 10 (Pt 2) (pp 436-443), 2007. Date of Publication: 2007.

[Article]

AN: 350325434

Link to the Ovid Full Text or citation:

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1120.

Large-scale optimization-based classification models in medicine and biology.

Lee E.K.

Embase

Annals of biomedical engineering. 35 (6) (pp 1095-1109), 2007. Date of Publication: Jun 2007.

[Article]

AN: 47157298

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[Click here for full text options](#)

Link to the External Link Resolver:

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1121.

Incorrect electrode cable connection during electrocardiographic recording.

Batchvarov V.N., Malik M., Camm A.J.

Embase

Europace. 9 (11) (pp 1081-1090), 2007. Date of Publication: November 2007.

[Review]

AN: 351773294

Publisher

Oxford University Press (Great Clarendon Street, Oxford OX2 6DP, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1122.

Computerized assessment of motion-contaminated calcified plaques in cardiac multidetector CT.

King M., Giger M.L., Suzuki K., Bardo D.M.E., Greenberg B., Lan L., Pan X.

Embase

Medical Physics. 34 (12) (pp 4876-4889), 2007. Date of Publication: 2007.

[Article]

AN: 350197724

Publisher

John Wiley and Sons Ltd

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1123.

Use of neural networks to improve quality control of interpretations in myocardial perfusion imaging.

Tagil K., Marving J., Lomsky M., Hesse B., Edenbrandt L.

Embase

International Journal of Cardiovascular Imaging. 24 (8) (pp 841-848), 2008. Date of Publication: 2008.

[Article]

AN: 50192869

Publisher

Springer Netherlands (Van Godewijckstraat 30, Dordrecht 3311 GZ, Netherlands)

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Link to the External Link Resolver:

[SFX Link](#)

1124.

Evaluation of a decision support system for interpretation of myocardial perfusion gated SPECT.

Lomsky M., Gjertsson P., Johansson L., Richter J., Ohlsson M., Tout D., Van Aswegen A.,
Underwood S.R., Edenbrandt L.

Embase

European Journal of Nuclear Medicine and Molecular Imaging. 35 (8) (pp 1523-1529), 2008. Date
of Publication: August 2008.

[Article]

AN: 50113895

Publisher

Springer Verlag (Tiergartenstrasse 17, Heidelberg D-69121, Germany)

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Link to the External Link Resolver:

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1125.

Classification of acute myocardial ischemia by artificial neural network using echocardiographic
strain waveforms.

McMahon E.M., Korinek J., Yoshifuku S., Sengupta P.P., Manduca A., Belohlavek M.

Embase

Computers in Biology and Medicine. 38 (4) (pp 416-424), 2008. Date of Publication: April 2008.

[Article]

AN: 50081571

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1126.

Predicting coronary artery disease using different artificial neural network models.

Colak M.C., Colak C., Kocaturk H., Sagiroglu S., Barutcu I.

Embase

Anadolu Kardiyoloji Dergisi. 8 (4) (pp 249-254), 2008. Date of Publication: August 2008.

[Article]

AN: 352218988

Publisher

Aves Yayincilik (Kizilelma CAD. 5/3, Findikzade- Istanbul 34096, Turkey)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1127.

Implementation of an Artificial Neuronal Network to Predict Shunt Necessity in Carotid Surgery.

Aleksic M., Luebke T., Heckenkamp J., Gawenda M., Reichert V., Brunkwall J.

Embase

Annals of Vascular Surgery. 22 (5) (pp 635-642), 2008. Date of Publication: September 2008/October 2008.

[Article]

AN: 352217885

Publisher

Elsevier Inc. (360 Park Avenue South, New York NY 10010, United States)

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1128.

Membrane platelet fatty acids: A model of biochemical characterization of the ischemic cardiovascular disease, through an Artificial Neural Network interpretation. Acidi grassi delle piastrine: Un modello di tipizzazione biochimica nell'interpretazione di una Rete Neurale Artificiale <Acidi grassi delle piastrine: Un modello di tipizzazione biochimica nell'interpretazione di una Rete Neurale Artificiale.>

Cocchi M., Tonello L., Cappello G., Bosi S., Cremonesi A., Castriota F., Mercante M., Tarozzi G., Bochicchio D., Della Casa G., Caramia G.

Embase

Progress in Nutrition. 10 (1) (pp 48-52), 2008. Date of Publication: 2008.

[Article]

AN: 351997620

Publisher

Mattioli 1885 S.p.A. (Via Coduro 1/b, Fidenza (PR) 43036, Italy)

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1129.

Computerized screening of children congenital heart diseases.

Sepehri A.A., Hancq J., Dutoit T., Gharehbaghi A., Kocharian A., Kiani A.

Embase

Computer Methods and Programs in Biomedicine. 92 (2) (pp 186-192), 2008. Date of Publication: November 2008.

[Article]

AN: 50245917

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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Link to the External Link Resolver:

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1130.

Application of machine learning algorithms to predict coronary artery calcification with a sibship-based design.

Sun Y.V., Bielak L.F., Peyser P.A., Turner S.T., Sheedy II P.F., Boerwinkle E., Kardia S.L.R.

Embase

Genetic Epidemiology. 32 (4) (pp 350-360), 2008. Date of Publication: May 2008.

[Article]

AN: 351656306

Publisher

Wiley-Liss Inc. (111 River Street, Hoboken NJ 07030-5774, United States)

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1131.

Identification of ischemic heart disease via machine learning analysis on magnetocardiograms.

Tantimongcolwat T., Naenna T., Isarankura-Na-Ayudhya C., Embrechts M.J., Prachayasittikul V.

Embase

Computers in Biology and Medicine. 38 (7) (pp 817-825), 2008. Date of Publication: July 2008.

[Article]

AN: 50173372

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

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1132.

Ischemia detection via ECG using ANFIS.

Gharaviri A., Teshnehlab M., Moghaddam H.A.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in
Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference.
(pp 1163-1166), 2008. Date of Publication: 2008.

[Article]

AN: 355916507

Link to the Ovid Full Text or citation:

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1133.

Modelling temporal evolution of cardiac electrophysiological features using Hidden Semi-Markov Models.

Dumont J., Hernandez A.I., Fleureau J., Carrault G.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 165-168), 2008. Date of Publication: 2008.

[Article]

AN: 355916262

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1134.

Low complexity tracking for long term monitoring of heart sounds.

Patangay A., Tewfik A.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 17-20), 2008. Date of Publication: 2008.

[Article]

AN: 355916227

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1135.

Enhancing drug discovery through in silico screening: Strategies to increase true positives retrieval rates.

Kirchmair J., Distinto S., Schuster D., Spitzer G., Langer T., Wolber G.

Embase

Current Medicinal Chemistry. 15 (20) (pp 2040-2053), 2008. Date of Publication: August 2008.

[Review]

AN: 352465898

Publisher

Bentham Science Publishers B.V. (P.O. Box 294, Bussum 1400 AG, Netherlands)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1136.

Application of complex discrete wavelet transform in classification of Doppler signals using complex-valued artificial neural network.

Ceylan M., Ceylan R., Ozbay Y., Kara S.

Embase

Artificial Intelligence in Medicine. 44 (1) (pp 65-76), 2008. Date of Publication: September 2008.

[Article]

AN: 352210380

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1137.

Detection of ST segment deviation episodes in ECG using KLT with an ensemble neural classifier.

Afsar F.A., Arif M., Yang J.

Embase

Physiological Measurement. 29 (7) (pp 747-760), 2008. Date of Publication: 01 Jul 2008.

[Article]

AN: 352020306

Publisher

Institute of Physics Publishing (Temple Back, Bristol BS1 6BE, United Kingdom)

Link to the Ovid Full Text or citation:

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1138.

Learning vector quantization neural networks improve accuracy of transcranial color-coded duplex sonography in detection of middle cerebral artery spasm - Preliminary report.

Swiercz M., Kochanowicz J., Weigele J., Hurst R., Liebeskind D.S., Mariak Z., Melhem E.R., Krejza J.

Embase

Neuroinformatics. 6 (4) (pp 279-290), 2008. Date of Publication: December 2008.

[Article]

AN: 50242843

Publisher

Humana Press (999 Riverview Drive, Suite 208, Totowa NJ 07512-1165, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1139.

Disease-related concept mining by knowledge-based two-dimensional gene mapping.

Matsunaga T., Muramatsu M.

Embase

Journal of Bioinformatics and Computational Biology. 5 (5) (pp 1047-1067), 2007. Date of Publication: October 2007.

[Article]

AN: 47570603

Publisher

World Scientific Publishing Co. Pte. Ltd (5 Toh Tuck Link, Singapore 596224, Singapore)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1140.

Knowledge based system with embedded intelligent heart sound analyser for diagnosing cardiovascular disorders.

Javed F., Venkatachalam P.A., Hani A.F.M.

Embase

Journal of Medical Engineering and Technology. 31 (5) (pp 341-350), 2007. Date of Publication: September 2007.

[Article]

AN: 47295334

Publisher

Informa Healthcare (69-77 Paul Street, London EC2A 4LQ, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1141.

Classification of carotid artery Doppler signals in the early phase of atherosclerosis using complex-valued artificial neural network.

Ceylan M., Ceylan R., Dirgenali F., Kara S., Ozbay Y.

Embase

Computers in Biology and Medicine. 37 (1) (pp 28-36), 2007. Date of Publication: January 2007.

[Article]

AN: 44584246

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1142.

Platelets, fatty acids, depression and ischemic cardiovascular disease. Piastrine, acidi grassi, depressione e patologia cardiovascolare ischemica <Piastrine, acidi grassi, depressione e patologia cardiovascolare ischemica.>

Cocchi M., Tonello L.

Embase

Progress in Nutrition. 9 (2) (pp 94-104), 2007. Date of Publication: 2007.

[Article]

AN: 350302100

Publisher

Mattioli 1885 S.p.A. (Via Coduro 1/b, Fidenza (PR) 43036, Italy)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1143.

Effects of window types on classification of carotid artery Doppler signals in the early phase of atherosclerosis using complex-valued artificial neural network.

Ozbay Y., Ceylan M.

Embase

Computers in Biology and Medicine. 37 (3) (pp 287-295), 2007. Date of Publication: March 2007.

[Article]

AN: 46048783

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1144.

Complex-valued wavelet artificial neural network for Doppler signals classifying.

Ozbay Y., Kara S., Latifoglu F., Ceylan R., Ceylan M.

Embase

Artificial Intelligence in Medicine. 40 (2) (pp 143-156), 2007. Date of Publication: June 2007.

[Article]

AN: 46805137

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1145.

Statistical risk and risk of the real patient. Ryzyko statystyczne a ryzyko rzeczywistego pacjenta

<Ryzyko statystyczne a ryzyko rzeczywistego pacjenta.>

Jaskiewicz M., Grymek S., Siebert J.

Embase

Family Medicine and Primary Care Review. 9 (3) (pp 452-454), 2007. Date of Publication:

July/September 2007.

[Article]

AN: 47605469

Publisher

Wydawnictwo Continuo (ul.lelewela 4, Wroclaw woj.dolnoslaskie 53505, Poland)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1146.

Study of the restitution of action potential duration using the artificial neural network.

Chen Y., Gao W., Xue J., Han X., Fang Z., Yang C., Wu X.

Embase

Mathematical Biosciences. 207 (1) (pp 78-88), 2007. Date of Publication: May 2007.

[Article]

AN: 46560746

Publisher

Elsevier Inc. (360 Park Avenue South, New York NY 10010, United States)

Link to the Ovid Full Text or citation:

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[SFX Link](#)

1147.

Automated classification of atherosclerotic plaque from magnetic resonance images using predictive models.

Anderson R.W., Stomberg C., Hahm C.W., Mani V., Samber D.D., Itskovich V.V., Valera-Guallar L., Fallon J.T., Nedanov P.B., Huizenga J., Fayad Z.A.

Embase

BioSystems. 90 (2) (pp 456-466), 2007. Date of Publication: September 2007.

[Article]

AN: 47371173

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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Link to the External Link Resolver:

[SFX Link](#)

1148.

Feature extraction for systolic heart murmur classification.

Ahlstrom C., Hult P., Rask P., Karlsson J.E., Nylander E., Dahlstrom U., Ask P.

Embase

Annals of biomedical engineering. 34 (11) (pp 1666-1677), 2006. Date of Publication: Nov 2006.

[Article]

AN: 44993378

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1149.

Support vector analysis of color-Doppler images: a new approach for estimating indices of left ventricular function.

Rajo-Alvarez J.L., Bermejo J., Juarez-Caballero V.M., Yotti R., Cortina C., Garcia-Fernandez M.A., Antoranz J.C.

Embase

IEEE transactions on medical imaging. 25 (8) (pp 1037-1043), 2006. Date of Publication: Aug 2006.

[Article]

AN: 44976621

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1150.

Carotid artery segmentation using an outlier immune 3D active shape models framework.

Lekadir K., Yang G.Z.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 9 (Pt 1) (pp 620-627), 2006. Date of Publication: 2006.

[Article]

AN: 46538937

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1151.

Automatic IVUS segmentation of atherosclerotic plaque with stop & go snake.

Brunenberg E., Pujol O., ter Haar Romeny B., Radeva P.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 9 (Pt 2) (pp 9-16), 2006. Date of Publication: 2006.

[Article]

AN: 46538745

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1152.

Method to correct intensity inhomogeneity in MR images for atherosclerosis characterization.

Salvado O., Hillenbrand C., Zhang S., Wilson D.L.

Embase

IEEE transactions on medical imaging. 25 (5) (pp 539-552), 2006. Date of Publication: May 2006.

[Article]

AN: 44311826

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1153.

Tissue perfusion diagnostic classification using a spatio-temporal analysis of contrast ultrasound image sequences.

Williams Q., Noble J.A., Ehlgren A., Becher H.

Embase

Information processing in medical imaging : proceedings of the ... conference. 19 (pp 222-233), 2005. Date of Publication: 2005.

[Article]

AN: 46538699

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1154.

Particle filters, a quasi-Monte-Carlo-solution for segmentation of coronaries.

Florin C., Paragios N., Williams J.

Embase

Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention. 8 (Pt 1) (pp 246-253), 2005. Date of Publication: 2005.

[Article]

AN: 43857885

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1155.

Role of information technology in improving the quality of care in radiology: An overview.

Khorasani R.

Embase

Journal of the American College of Radiology. 2 (12) (pp 1035-1036), 2005. Date of Publication: December 2005.

[Short Survey]

AN: 41814790

Publisher

Elsevier

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1156.

Enhancement of infrared spectral images for maximizing chemical information by minimizing baseline interferences.

Dongsheng B.U., Huffman S.W., Seelenbinder J.A., Brown C.W.

Embase

Applied Spectroscopy. 59 (5) (pp 575-583), 2005. Date of Publication: May 2005.

[Article]

AN: 40680311

Publisher

Society for Applied Spectroscopy (201B Broadway Street, Frederick MD 21702-6501, United States)

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1157.

Utilization of artificial neural networks and autoregressive modeling in diagnosing mitral valve stenosis.

Kara S., Guven A., Okandan M., Dirgenali F.

Embase

Computers in Biology and Medicine. 36 (5) (pp 473-483), 2006. Date of Publication: May 2006.

[Article]

AN: 43670517

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

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[SFX Link](#)

1158.

Cardiac CT: Where are we today and where are we going?.

Fishman E.K.

Embase

Applied Radiology. 35 (12 SUPPL.) (pp 5-9), 2006. Date of Publication: December 2006.

[Article]

AN: 46111564

Publisher

Anderson Publishing Ltd (180 Glenside Avenue, Scotch Plains NJ 07076, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1159.

Automated diagnosis of heart disease in patients with heart murmurs: Application of a neural network technique.

Higuchi K., Sato K., Makuuchi H., Furuse A., Takamoto S., Takeda H.

Embase

Journal of Medical Engineering and Technology. 30 (2) (pp 61-68), 2006. Date of Publication: March/April 2006.

[Article]

AN: 43398891

Publisher

Informa Healthcare (69-77 Paul Street, London EC2A 4LQ, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1160.

Automated pericardial fat quantification in CT data.

Bandekar A.N., Naghavi M., Kakadiaris I.A.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 932-935), 2006. Date of Publication: 2006.

[Article]

AN: 350365119

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1161.

Automatic registration of CT volumes and dual-energy digital radiography for detection of cardiac and lung diseases.

Fei B., Chen X., Wang H., Sabol J.M., DuPont E., Gilkeson R.C.

Embase

Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference. (pp 1976-1979), 2006. Date of Publication: 2006.

[Article]

AN: 350364799

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1162.

Pharmacologic management of spasticity in multiple sclerosis.

Pappalardo A., Castiglione A., Restivo D.A., Calabrese A., Cimino V., Patti F.

Embase

Neurological Sciences. 27 (SUPPL. 4) (pp s310-s315), 2006. Date of Publication: September 2006.

[Article]

AN: 44717582

Publisher

Springer Milan (Via Podgora 4, Milan I-20122, Italy)

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1163.

2D Autocorrelation modeling of the negative inotropic activity of calcium entry blockers using Bayesian-regularized genetic neural networks.

Caballero J., Garriga M., Fernandez M.

Embase

Bioorganic and Medicinal Chemistry. 14 (10) (pp 3330-3340), 2006. Date of Publication: 15 May 2006.

[Article]

AN: 43696498

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1164.

Dyslipidaemia and global cardiovascular risk: Clinical issues.

Assmann G.

Embase

European Heart Journal, Supplement. 8 (F) (pp F40-F46), 2006. Date of Publication: October 2006.

[Review]

AN: 44453615

Publisher

Oxford University Press (Great Clarendon Street, Oxford OX2 6DP, United Kingdom)

Link to the Ovid Full Text or citation:

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1165.

Toward personal eHealth in cardiology. Results from the EPI-MEDICS telemedicine project.

Rubel P., Fayn J., Nollo G., Assanelli D., Li B., Restier L., Adami S., Arod S., Atoui H., Ohlsson M., Simon-Chautemps L., Telisson D., Malossi C., Ziliani G.-L., Galassi A., Edenbrandt L., Chevalier P.

Embase

Journal of Electrocardiology. 38 (4 SUPPL.) (pp 100-106), 2005. Date of Publication: October 2005.

[Conference Paper]

AN: 41436496

Publisher

Churchill Livingstone Inc. (650 Avenue of the Americas, New York NY 10011, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1166.

Neural network predictions of significant coronary artery stenosis in men.

Mobley B.A., Schechter E., Moore W.E., McKee P.A., Eichner J.E.

Embase

Artificial Intelligence in Medicine. 34 (2) (pp 151-161), 2005. Date of Publication: June 2005.

[Article]

AN: 40719032

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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Link to the External Link Resolver:

[SFX Link](#)

1167.

Raman spectroscopy for diagnosis of atherosclerosis: A rapid analysis using neural networks.

De Paula Jr. A.R., Sathaiah S.

Embase

Medical Engineering and Physics. 27 (3) (pp 237-244), 2005. Date of Publication: April 2005.

[Article]

AN: 40203384

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

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1168.

Artificial neural network models for prediction of acute coronary syndromes using clinical data from the time of presentation.

Harrison R.F., Kennedy R.L.

Embase

Annals of Emergency Medicine. 46 (5) (pp 431-439), 2005. Date of Publication: November 2005.

[Article]

AN: 41552393

Publisher

Mosby Inc. (11830 Westline Industrial Drive, St. Louis MO 63146, United States)

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Link to the External Link Resolver:

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1169.

Artificial neural network modeling of stress single-photon emission computed tomographic imaging for detecting extensive coronary artery disease.

Allison J.S., Heo J., Iskandrian A.E.

Embase

American Journal of Cardiology. 95 (2) (pp 178-181), 2005. Date of Publication: 15 Jan 2005.

[Article]

AN: 40092081

Publisher

Elsevier Inc. (360 Park Avenue South, New York NY 10010, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1170.

Non-invasive coronary angiography with multislice computed tomography. Technology, methods, preliminary experience and prospects.

Traversi E., Bertoli G., Barazzoni G., Baldi M., Tramarin R.

Embase

Italian heart journal : official journal of the Italian Federation of Cardiology. 5 (2) (pp 89-98), 2004.

Date of Publication: Feb 2004.

[Review]

AN: 39260936

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1171.

Prognostication of coronary atherosclerosis for selection of tactics of management of patients with ischemic heart disease. Prognozirovanie koronarnogo ateroskleroza dlia vybora taktiki vedeniia bol'nykh ishemicheskoi bolezni'u serdtsa.v ambulatornoi praktike <Prognozirovanie koronarnogo ateroskleroza dlia vybora taktiki vedeniia bol'nykh ishemicheskoi bolezni'u serdtsa.v ambulatornoi praktike.>

Kotel'nikova E.V., Gridnev V.I., Dobgalevskii P.I., Bespiatov A.B.

Embase

Kardiologiia. 44 (3) (pp 15-19), 2004. Date of Publication: 2004.

[Article]

AN: 39683778

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1172.

Effects of filtering on computer-aided analysis for detection of chronic ischemic heart disease with unshielded rest magnetocardiography mapping.

Fenici R., Brisinda D., Meloni A.M.

Embase

Neurology and Clinical Neurophysiology. 2004 (no pagination), 2004. Date of Publication: 2004.

[Article]

AN: 41799080

Publisher

American Academy of Clinical Neurophysiology (104 13-Street Hudson WI 54016, United States)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1173.

A neuro-fuzzy approach to classification of ECG signals for ischemic heart disease diagnosis.

Neagoe V.E., Iatan I.F., Grunwald S.

Embase

AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium. (pp 494-498), 2003. Date of Publication: 2003.

[Article]

AN: 39674642

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1174.

Texture-based classification of atherosclerotic carotid plaques.

Christodoulou C.I., Pattichis C.S., Pantziaris M., Nicolaidis A.

Embase

IEEE transactions on medical imaging. 22 (7) (pp 902-912), 2003. Date of Publication: Jul 2003.

[Article]

AN: 137562153

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1175.

Use of neural networks for prognosis of outcomes of operations for ischemic heart disease.
Ispol'zovanie neironnykh setei dlia prognozirovaniia iskhodov operativnykh vmeshatel'stv po povodu ishemicheskoi bolezni serdtsa <Ispol'zovanie neironnykh setei dlia prognozirovaniia iskhodov operativnykh vmeshatel'stv po povodu ishemicheskoi bolezni serdtsa.>

Shikhverdiev N.N., Rezvantsev M.V., Marchenko S.P., Bozhenko S.A.

Embase

Vestnik khirurgii imeni I. I. Grekova. 162 (2) (pp 75-78), 2003. Date of Publication: 2003.

[Article]

AN: 137591972

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1176.

Predicting risk of coronary artery disease from DNA microarray-based genotyping using neural networks and other statistical analysis tool.

Tham C.K., Heng C.K., Chin W.C.

Embase

Journal of bioinformatics and computational biology. 1 (3) (pp 521-539), 2003. Date of Publication: Oct 2003.

[Article]

AN: 39205842

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1177.

Effects of neural network feedback to physicians on admit/discharge decision for emergency department patients with chest pain.

Hollander J.E., Sease K.L., Sparano D.M., Sites F.D., Shofer F.S., Baxt W.G.

Embase

Annals of Emergency Medicine. 44 (3) (pp 199-205), 2004. Date of Publication: September 2004.

[Article]

AN: 39140517

Publisher

Mosby Inc. (11830 Westline Industrial Drive, St. Louis MO 63146, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1178.

Added value of new acute coronary syndrome computer algorithm for interpretation of prehospital electrocardiograms.

Xue J., Aufderheide T., Scott Wright R., Klein J., Farrell R., Rowlandson I., Young B.

Embase

Journal of Electrocardiology. 37 (SUPPL.) (pp 233-239), 2004. Date of Publication: October 2004.

[Conference Paper]

AN: 39452897

Publisher

Churchill Livingstone Inc. (650 Avenue of the Americas, New York NY 10011, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1179.

Classification of the frequency of carotid artery stenosis with MLP and RBF neural networks in patients with coroner artery disease.

Yyldyrym H., Altynsoy H.B., Barypcy N., Ergun U., Ogur E., Hardalac F., Guler I.

Embase

Journal of Medical Systems. 28 (6) (pp 591-601), 2004. Date of Publication: December 2004.

[Article]

AN: 39388728

Publisher

Springer New York (233 Springer Street, New York NY 10013-1578, United States)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1180.

Recognition of patients with cardiovascular disease by artificial neural networks.

Baldassarre D., Grossi E., Buscema M., Intraligi M., Amato M., Tremoli E., Pustina L.,
Castelnuovo S., Sanvito S., Gerosa L., Sirtori C.R.

Embase

Annals of Medicine. 36 (8) (pp 630-640), 2004. Date of Publication: 2004.

[Article]

AN: 40051440

Publisher

Informa Healthcare (69-77 Paul Street, London EC2A 4LQ, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1181.

Automated ischemic beat classification using genetic algorithms and multicriteria decision
analysis.

Goletsis Y., Papaloukas C., Fotiadis D.I., Likas A., Michalis L.K.

Embase

IEEE Transactions on Biomedical Engineering. 51 (10) (pp 1717-1725), 2004. Date of
Publication: October 2004.

[Article]

AN: 39274419

Publisher

IEEE Computer Society (445 Hoes Lane - P.O.Box 1331, Piscataway NJ 08855-1331, United
States)

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1182.

Integration of clinical and imaging data to predict the presence of coronary artery disease with the use of neural networks.

Scott J.A., Aziz K., Yasuda T., Gewirtz H.

Embase

Coronary Artery Disease. 15 (7) (pp 427-434), 2004. Date of Publication: November 2004.

[Article]

AN: 39488768

Publisher

Lippincott Williams and Wilkins (250 Waterloo Road, London SE1 8RD, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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1183.

Prediction of postoperative morbidity after lung resection using an artificial neural network ensemble.

Santos-Garcia G., Varela G., Novoa N., Jimenez M.F.

Embase

Artificial Intelligence in Medicine. 30 (1) (pp 61-69), 2004. Date of Publication: January 2004.

[Article]

AN: 37543648

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1184.

WeAidU - A decision support system for myocardial perfusion images using artificial neural networks.

Ohlsson M.

Embase

Artificial Intelligence in Medicine. 30 (1) (pp 49-60), 2004. Date of Publication: January 2004.

[Article]

AN: 37543647

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1185.

Automated methods for ischemia detection in long-duration ECGs.

Papaloukas C., Fotiadis D.L., Likas A., Michalis L.K.

Embase

Cardiovascular Reviews and Reports. 24 (6) (pp 313-320), 2003. Date of Publication: 01 Jun 2003.

[Review]

AN: 36667180

Publisher

Cardiovascular Reviews and Reports Inc. (777 West Putnam Avenue, Greenwich CT 06830-9810, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1186.

Analysis of multiple single nucleotide polymorphisms of candidate genes related to coronary heart disease susceptibility by using support vector machines.

Yoon Y., Song J., Hong S.H., Kim J.Q.

Embase

Clinical Chemistry and Laboratory Medicine. 41 (4) (pp 529-534), 2003. Date of Publication: 2003.

[Article]

AN: 36592120

Publisher

Walter de Gruyter and Co. (Genthiner Strasse 13, Berlin D-10785, Germany)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1187.

Classification of cardiac patient states using artificial neural networks.

Kannathal N., Acharya U.R., Lim C.M., Sadasivan P.K., Krishnan S.M.

Embase

Experimental and Clinical Cardiology. 8 (4) (pp 206-211), 2003. Date of Publication: 2003.

[Article]

AN: 38923459

Publisher

Pulsus Group Inc. (2902 South Sheridan Way, Oakville ONT L6J 7L6, Canada)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1188.

Active subgroup mining: A case study in coronary heart disease risk group detection.

Gamberger D., Lavrac N., Krstacic G.

Embase

Artificial Intelligence in Medicine. 28 (1) (pp 27-57), 2003. Date of Publication: May 2003.

[Article]

AN: 36870750

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1189.

A minimum description length approach to statistical shape modeling.

Davies R.H., Twining C.J., Cootes T.F., Waterton J.C., Taylor C.J.

Embase

IEEE transactions on medical imaging. 21 (5) (pp 525-537), 2002. Date of Publication: May 2002.

[Article]

AN: 35516275

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1190.

Commentary: Improved coronary risk prediction using neural networks.

May M.

Embase

International Journal of Epidemiology. 31 (6) (pp 1262-1264), 2002. Date of Publication:
December 2002.

[Note]

AN: 36204493

Publisher

Oxford University Press (Great Clarendon Street, Oxford OX2 6DP, United Kingdom)

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Link to the External Link Resolver:

[SFX Link](#)

1191.

Prediction of risk of coronary events in middle-aged men in the Prospective Cardiovascular
Munster Study (PROCAM) using neural networks.

Voss R., Cullen P., Schulte H., Assmann G.

Embase

International Journal of Epidemiology. 31 (6) (pp 1253-1262), 2002. Date of Publication:
December 2002.

[Article]

AN: 36204492

Publisher

Oxford University Press (Great Clarendon Street, Oxford OX2 6DP, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1192.

Syntactic reasoning and pattern recognition for analysis of coronary artery images.

Ogiela M.R., Tadeusiewicz R.

Embase

Artificial Intelligence in Medicine. 26 (1-2) (pp 145-159), 2002. Date of Publication:

September/October 2002.

[Article]

AN: 35299396

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1193.

Value of exercise data for the interpretation of myocardial perfusion SPECT.

Haraldsson H., Ohlsson M., Edenbrandt L.

Embase

Journal of Nuclear Cardiology. 9 (2) (pp 169-173), 2002. Date of Publication: March/April 2002.

[Article]

AN: 35071986

Publisher

Springer New York (233 Springer Street, New York NY 10013-1578, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1194.

An ischemia detection method based on artificial neural networks.

Papaloukas C., Fotiadis D.I., Likas A., Michalis L.K.

Embase

Artificial Intelligence in Medicine. 24 (2) (pp 167-178), 2002. Date of Publication: 2002.

[Article]

AN: 34119150

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1195.

A neural network aid for the early diagnosis of cardiac ischemia in patients presenting to the emergency department with chest pain.

Baxt W.G., Shofer F.S., Sites F.D., Hollander J.E.

Embase

Annals of Emergency Medicine. 40 (6) (pp 575-583), 2002. Date of Publication: 01 Dec 2002.

[Article]

AN: 35417479

Publisher

Mosby Inc. (11830 Westline Industrial Drive, St. Louis MO 63146, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1196.

Machine learning for medical diagnosis: History, state of the art and perspective.

Kononenko I.

Embase

Artificial Intelligence in Medicine. 23 (1) (pp 89-109), 2001. Date of Publication: 2001.

[Article]

AN: 32677979

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1197.

ABC stenosis morphology classification and outcome of coronary angioplasty: Reassessment with computing techniques.

Maier W., Mini O., Antoni J., Wischnewsky M.B., Meier B.

Embase

Circulation. 103 (9) (pp 1225-1231), 2001. Date of Publication: 06 Mar 2001.

[Article]

AN: 32221344

Publisher

Lippincott Williams and Wilkins (530 Walnut Street,P O Box 327, Philadelphia PA 19106-3621, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1198.

Diagnostic performance of an expert system for the interpretation of myocardial perfusion SPECT studies.

Garcia E.V., Cooke C.D., Folks R.D., Santana C.A., Krawczynska E.G., De Braal L., Ezquerra N.F.

Embase

Journal of Nuclear Medicine. 42 (8) (pp 1185-1191), 2001. Date of Publication: 2001.

[Article]

AN: 32717836

Publisher

Society of Nuclear Medicine Inc. (1850 Samuel Morse Drive, Reston VA 22090-5316, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1199.

Radial basis function neural network approach for the diagnosis of coronary artery disease based on the standard electrocardiogram exercise test.

Lewenstein K.

Embase

Medical and Biological Engineering and Computing. 39 (3) (pp 362-367), 2001. Date of Publication: 2001.

[Article]

AN: 32600731

Publisher

Springer Verlag (Tiergartenstrasse 17, Heidelberg D-69121, Germany)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1200.

Image understanding methods in biomedical informatics and digital imaging.

Ogiela M.R., Tadeusiewicz R.

Embase

Journal of Biomedical Informatics. 34 (6) (pp 377-386), 2001. Date of Publication: 2001.

[Article]

AN: 35007490

Publisher

Academic Press Inc. (6277 Sea Harbor Drive, Orlando FL 32887-4900, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1201.

Construction of a computer-aided diagnosis system in cardiac nuclear medicine development of an expert system for coronary artery disease by plural neural networks.

Katafuchi T., Fujita H., Uehara T., Nishimura T., Ishida Y.

Embase

Japanese Journal of Medical Electronics and Biological Engineering. 39 (1) (pp 15-23), 2001.

Date of Publication: 2001.

[Article]

AN: 32367739

Publisher

Japan Soc. of Med. Electronics and Biol. Engineering (16-9, Honkomagome 5-Chome, Bunkyo-ku, Tokyo 113, Japan)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1202.

The prediction of coronary atherosclerosis employing artificial neural networks.

George J., Ahmed A., Patnaik M., Adler Y., Levy Y., Harats D., Gilburd B., Terrybery J., Shen G.Q., Sagie A., Herz I., Snow P., Brandt J., Peter J., Shoenfeld Y.

Embase

Clinical Cardiology. 23 (6) (pp 453-456), 2000. Date of Publication: 2000.

[Article]

AN: 30366550

Publisher

John Wiley and Sons Inc. (111 River Street, Hoboken NJ 07030-5774, United States)

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[Click here for full text options](#)

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[SFX Link](#)

1203.

Hierarchical state space partitioning with a network self-organising map for the recognition of ST-T segment changes.

Bezerianos A., Vladutu L., Papadimitriou S.

Embase

Medical and Biological Engineering and Computing. 38 (4) (pp 406-415), 2000. Date of Publication: Jul.

[Article]

AN: 30616324

Publisher

Springer Verlag (Tiergartenstrasse 17, Heidelberg D-69121, Germany)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1204.

Analysis and classification of proton NMR spectra of lipoprotein fractions from healthy volunteers and patients with cancer or CHD.

Bathen T.F., Engan T., Krane J., Axelson D.

Embase

Anticancer Research. 20 (4) (pp 2393-2408), 2000. Date of Publication: 2000.

[Article]

AN: 30614443

Publisher

International Institute of Anticancer Research (1st km Kapandritiou - Kalamou Rd., P.O. Box 22, Kapandriti, Attiki GR-19014, Greece)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1205.

Predictions of coronary artery stenosis by artificial neural network.

Mobley B.A., Schechter E., Moore W.E., McKee P.A., Eichner J.E.

Embase

Artificial Intelligence in Medicine. 18 (3) (pp 187-203), 2000. Date of Publication: March 2000.

[Article]

AN: 30089528

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1206.

Planning treatment of ischemic heart disease with partially observable Markov decision processes.

Hauskrecht M., Fraser H.

Embase

Artificial Intelligence in Medicine. 18 (3) (pp 221-244), 2000. Date of Publication: March 2000.

[Article]

AN: 30089530

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1207.

Signal analysis of the haemodynamics of extracorporeal circulation for the evaluation of patient status. Signalanalyse in der Hamodynamik der extrakorporalen zirkultion zur beurteilung des patientenstatus <Signalanalyse in der Hamodynamik der extrakorporalen zirkultion zur beurteilung des patientenstatus.>

Schwarzhaupt A., Torkzadeh D.D., Kiencke U.

Embase

Biomedizinische Technik. 44 (5) (pp 120-128), 1999. Date of Publication: May 1999.

[Article]

AN: 29268842

Publisher

Walter de Gruyter and Co. (Genthiner Strasse 13, Berlin D-10785, Germany)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1208.

A review of transit-time flow measurement for assessing graft patency.

VanHimbergen D.J., Koenig S.C., Jaber S.F., Cerrito P.B., Spence P.A.

Embase

The heart surgery forum. 2 (3) (pp 226-229), 1999. Date of Publication: 1999.

[Article]

AN: 33451311

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1209.

Modeling treatment of ischemic heart disease with partially observable Markov decision processes.

Hauskrecht M., Fraser H.

Embase

Proceedings / AMIA ... Annual Symposium. AMIA Symposium. (pp 538-542), 1998. Date of Publication: 1998.

[Article]

AN: 129387764

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1210.

Implementation of a fuzzy prototype-based machine learning method to predict myocardial infarction from coronary angiography.

Colombet I., Jaulent M.C., Diebold B., Degoulet P.

Embase

Medinfo. MEDINFO. 9 Pt 1 (pp 498-502), 1998. Date of Publication: 1998.

[Article]

AN: 129438231

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1211.

Improved classifications of myocardial bull's-eye scintigrams with computer-based decision support system.

Lindahl D., Lanke J., Lundin A., Palmer J., Edenbrandt L.

Embase

Journal of Nuclear Medicine. 40 (1) (pp 96-101), 1999. Date of Publication: January 1999.

[Article]

AN: 29044179

Publisher

Society of Nuclear Medicine Inc. (1850 Samuel Morse Drive, Reston VA 22090-5316, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1212.

Neural network pattern recognition analysis of graft flow characteristics improves intra-operative anastomotic error detection in minimally invasive CABG.

Cerrito P.B., Koenig S.C., VanHimbergen D.J., Jaber S.F., Ewert D.L., Spence P.A.

Embase

European Journal of Cardio-thoracic Surgery. 16 (1) (pp 88-93), 1999. Date of Publication: 01 Jul 1999.

[Article]

AN: 29336439

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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Link to the External Link Resolver:

[SFX Link](#)

1213.

Myocardial SPET: Artificial neural networks describe extent and severity of perfusion defects.

Lindahl D., Palmer J., Edenbrandt L.

Embase

Clinical Physiology. 19 (6) (pp 497-503), 1999. Date of Publication: November 1999.

[Article]

AN: 29570465

Publisher

Blackwell Publishing Ltd. (9600 Garsington Road, Oxford OX4 2XG, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

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[SFX Link](#)

1214.

Analysing and improving the diagnosis of ischaemic heart disease with machine learning.

Kukar M., Kononenko I., Groselj C., Kralj K., Fettich J.

Embase

Artificial Intelligence in Medicine. 16 (1) (pp 25-50), 1999. Date of Publication: May 1999.

[Article]

AN: 29166883

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

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[Click here for full text options](#)

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[SFX Link](#)

1215.

Predicting coronary disease risk based on short-term RR interval measurements: A neural network approach.

Azuaje F., Dubitzky W., Lopes P., Black N., Adamson K., Wu X., White J.A.

Embase

Artificial Intelligence in Medicine. 15 (3) (pp 275-297), 1999. Date of Publication: March 1999.

[Article]

AN: 29136750

Publisher

Elsevier (P.O. Box 211, Amsterdam 1000 AE, Netherlands)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1216.

A prognostic computer model to individually predict post-procedural complications in interventional cardiology. The INTERVENT project.

Budde Th., Haude M., Hopp H.W., Kerber S., Caspari G., Fassbender G., Fingerhut M., Novopashenny I., Oguro Y., Breithardt G., Erbel R., Erdmann E., Wischnewsky M.B.

Embase

European Heart Journal. 20 (5) (pp 354-363), 1999. Date of Publication: 1999.

[Article]

AN: 29103733

Publisher

Oxford University Press (Great Clarendon Street, Oxford OX2 6DP, United Kingdom)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1217.

Recovery of beat-to-beat variations of QRS.

Lund K., Christiansen E.H., Lund B., Pedersen A.K.

Embase

Medical and Biological Engineering and Computing. 36 (4) (pp 438-444), 1998. Date of

Publication: July.

[Article]

AN: 28353662

Publisher

Springer Verlag (Tiergartenstrasse 17, Heidelberg D-69121, Germany)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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1218.

An adaptive backpropagation neural network for real-time ischemia episodes detection:

Development and performance analysis using the European ST-T database.

Maglaveras N., Stamkopoulos T., Pappas C., Strintzis M.G.

Embase

IEEE Transactions on Biomedical Engineering. 45 (7) (pp 805-813), 1998. Date of Publication:

Jul.

[Article]

AN: 28292318

Publisher

IEEE Computer Society (445 Hoes Lane - P.O.Box 1331, Piscataway NJ 08855-1331, United States)

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Link to the External Link Resolver:

[SFX Link](#)

1219.

ECG pattern recognition and classification using non-linear transformations and neural networks:

A review.

Maglaveras N., Stamkopoulos T., Diamantaras K., Pappas C., Strintzis M.

Embase

International Journal of Medical Informatics. 52 (1-3) (pp 191-208), 1998. Date of Publication: 01 Oct 1998.

[Conference Paper]

AN: 28529655

Publisher

Elsevier Ireland Ltd (P.O. Box 85, Limerick, Ireland)

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1220.

Automated interpretation of myocardial SPECT perfusion images using artificial neural networks.

Lindahl D., Palmer J., Ohlsson M., Peterson C., Lundin A., Edenbrandt L.

Embase

Journal of Nuclear Medicine. 38 (12) (pp 1870-1875), 1997. Date of Publication: December 1997.

[Article]

AN: 28030913

Publisher

Society of Nuclear Medicine Inc. (1850 Samuel Morse Drive, Reston VA 22090-5316, United States)

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1221.

The predictive and explanatory power of inductive decision trees: a comparison with artificial neural network learning as applied to the noninvasive diagnosis of coronary artery disease.

Silver D.L., Hurwitz G.A.

Embase

Journal of investigative medicine : the official publication of the American Federation for Clinical Research. 45 (2) (pp 99-108), 1997. Date of Publication: Feb 1997.

[Article]

AN: 127243893

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1222.

Automatic ecg classification using wavelet and neural networks.

Yang M.-Y., Shyu L.-Y., Hu W.-C., Chang W.H., Kao T.

Embase

Chinese Journal of Medical and Biological Engineering. 17 (4) (pp 265-275), 1997. Date of Publication: 1997.

[Article]

AN: 28304311

Publisher

Biomedical Engineering Society (1-1 Jen-Ai Road, Taipei, Taiwan (Republic of China))

Link to the Ovid Full Text or citation:

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1223.

Three medical examples in neural network rule extraction.

Bologna G., Pellegrini C.

Embase

Physica Medica. 13 (SUPPL. 1) (pp 183-187), 1997. Date of Publication: 1997.

[Conference Paper]

AN: 28206498

Publisher

Associazione Italiana di Fisica Medica (Villa Cagnola - Via Cagnola, 17-19, Gazzada 21045, Italy)

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[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1224.

Identifying coronary stenosis using an image-recognition neural network.

Goodenday L.S., Cios K.J., Shin I.

Embase

IEEE Engineering in Medicine and Biology Magazine. 16 (5) (pp 139-144), 1997. Date of Publication: September/October 1997.

[Article]

AN: 27413187

Publisher

Institute of Electrical and Electronics Engineers Inc. (3 Park Avenue, 17th Floor, New York NY 10016-5997, United States)

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1225.

Sequential versus standard neural networks for pattern recognition: An example using the domain of coronary heart disease.

Ohno-Machado L., Musen M.A.

Embase

Computers in Biology and Medicine. 27 (4) (pp 267-281), 1997. Date of Publication: July 1997.

[Article]

AN: 27394863

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1226.

Three-dimensional mapping of acute ischemic regions using artificial neural networks and tagged MRI.

Azhari H., Olikier S., Rogers W.J., Weiss J.L., Shapiro E.P.

Embase

IEEE Transactions on Biomedical Engineering. 43 (6) (pp 619-626), 1996. Date of Publication:

Jun.

[Article]

AN: 26158675

Publisher

IEEE Computer Society (445 Hoes Lane - P.O.Box 1331, Piscataway NJ 08855-1331, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1227.

A neuro-fuzzy algorithm for diagnosis of coronary artery stenosis.

Sztandera L.M., Goodenday L.S., Cios K.J.

Embase

Computers in Biology and Medicine. 26 (2) (pp 97-111), 1996. Date of Publication: Mar.

[Article]

AN: 26071174

Publisher

Elsevier Ltd (Langford Lane, Kidlington, Oxford OX5 1GB, United Kingdom)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1228.

Computer methods of assessment of patients state for practical use in clinical laboratory.

Eliutina S.I.

Embase

Medinfo. MEDINFO. 8 Pt 2 (pp 1030), 1995. Date of Publication: 1995.

[Article]

AN: 126211174

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1229.

A comparison of performance of mathematical predictive methods for medical diagnosis:
identifying acute cardiac ischemia among emergency department patients.

Selker H.P., Griffith J.L., Patil S., Long W.J., D'Agostino R.B.

Embase

Journal of investigative medicine : the official publication of the American Federation for Clinical
Research. 43 (5) (pp 468-476), 1995. Date of Publication: Oct 1995.

[Article]

AN: 126190768

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1230.

Use of neural networks in predicting the risk of coronary artery disease.

Lapuerta P., Azen S.P., LaBree L.

Embase

Computers and Biomedical Research. 28 (1) (pp 38-52), 1995. Date of Publication: 1995.

[Article]

AN: 25157845

Publisher

Academic Press Inc. (6277 Sea Harbor Drive, Orlando FL 32887-4900, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1231.

Hybrid intelligence system for diagnosing coronary stenosis.

Cios K.J., Goodenday L.S., Szlandera L.M.

Embase

IEEE Engineering in Medicine and Biology Magazine. 13 (5) (pp 723-729), 1994. Date of Publication: Nov-Dec.

[Article]

AN: 24359104

Publisher

Institute of Electrical and Electronics Engineers Inc. (3 Park Avenue, 17th Floor, New York NY 10016-5997, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

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1232.

NMRES: An artificial intelligence expert system for quantification of cardiac metabolites from ³¹Phosphorus Nuclear Magnetic Resonance Spectroscopy.

Chow J.L., Levitt K.N., Kost G.J.

Embase

Annals of Biomedical Engineering. 21 (3) (pp 247-258), 1993. Date of Publication: May-Jun.

[Article]

AN: 23177285

Publisher

American Institute of Physics (2 Huntington Quadrangle, Suite N101, Melville NY 11747-4502, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1233.

Neural network expert system for screening coronary heart disease.

Amendolia S.R., Bertolucci E., Biadi O., Bottigli U., Caraveli P., Fantacci M.E., Fidecaro E., Mariani M., Messineo A., Rosso V., Stefanini A.

Embase

Physica Medica. 9 (1) (pp 13-17), 1993. Date of Publication: 1993.

[Article]

AN: 23140971

Publisher

Associazione Italiana di Fisica Medica (Villa Cagnola - Via Cagnola, 17-19, Gazzada 21045, Italy)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1234.

Exploratory data analysis of hyperlipidemia on the Macintosh: Software tools for analysis of biochemical, clinical, and genetic variables in 1677 consecutive lipid clinic patients.

Bhushan V., Malloy M.J., Engler M.M., Engler M.B., Drown D., Kane J.P.

Embase

Journal of Medical Systems. 17 (3-4) (pp 187-193), 1993. Date of Publication: 1993.

[Article]

AN: 23277390

Publisher

Springer New York (233 Springer Street, New York NY 10013-1578, United States)

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1235.

Detection of subjects with ischemic heart disease by using machine learning technique based on heart rate total variability parameters.

Accardo A; Silveri G; Merlo M; Restivo L; Ajcevic M; Sinagra G.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Physiological Measurement. 2020 Oct 20.

[Journal Article]

UI: 33080573

Authors Full Name

Accardo, Agostino; Silveri, Giulia; Merlo, Marco; Restivo, Luca; Ajcevic, Milos; Sinagra, Gianfranco.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1236.

A new index for multiple chronic conditions predicts functional outcome in ischemic stroke.

Jiang X; Wang L; Morgenstern LB; Cigolle CT; Claflin ES; Lisabeth LD.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Neurology. 2020 Oct 06.

[Journal Article]

UI: 33024024

Authors Full Name

Jiang, Xiaqing; Wang, Lu; Morgenstern, Lewis B; Cigolle, Christine T; Claflin, Edward S; Lisabeth,
Lynda D.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1237.

Development of Novel Artificial Intelligence to Detect the Presence of Clinically Meaningful

Coronary Atherosclerotic Stenosis in Major Branch from Coronary Angiography Video.

Yabushita H; Goto S; Nakamura S; Oka H; Nakayama M; Goto S.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Atherosclerosis & Thrombosis. 2020 Oct 02.

[Journal Article]

UI: 33012741

Authors Full Name

Yabushita, Hiroto; Goto, Shinichi; Nakamura, Sunao; Oka, Hideki; Nakayama, Masamitsu; Goto, Shinya.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1238.

Machine learning-aided risk stratification system for the prediction of coronary artery disease.

Li D; Xiong G; Zeng H; Zhou Q; Jiang J; Guo X.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily International Journal of Cardiology. 2020 Sep 30.

[Journal Article]

UI: 33010381

Authors Full Name

Li, Dan; Xiong, Guanglian; Zeng, Hesong; Zhou, Qiang; Jiang, Jiangang; Guo, Xiaomei.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1239.

From CT to artificial intelligence for complex assessment of plaque-associated risk. [Review]

Opincariu D; Benedek T; Chitu M; Rat N; Benedek I.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

The International Journal of Cardiovascular Imaging. 2020 Jul 02.

[Journal Article. Review]

UI: 32617720

Authors Full Name

Opincariu, Diana; Benedek, Theodora; Chitu, Monica; Rat, Nora; Benedek, Imre.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1240.

Cardiac MRI-Update 2020. [Review] Kardiale MRT - Update 2020. <Kardiale MRT - Update 2020.>

Busse A; Rajagopal R; Yucel S; Beller E; Oner A; Streckenbach F; Cantre D; Ince H; Weber MA; Meinel FG.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Radiologe. 2020 May 08.

[Journal Article. Review]

UI: 32385547

Authors Full Name

Busse, Anke; Rajagopal, Rengarajan; Yucel, Seyrani; Beller, Ebba; Oner, Alper; Streckenbach, Felix; Cantre, Daniel; Ince, Huseyin; Weber, Marc-Andre; Meinel, Felix G.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1241.

Machine learning to predict the long-term risk of myocardial infarction and cardiac death based on clinical risk, coronary calcium, and epicardial adipose tissue: a prospective study.

Commandeur F; Slomka PJ; Goeller M; Chen X; Cadet S; Razipour A; McElhinney P; Gransar H; Cantu S; Miller RJH; Rozanski A; Achenbach S; Tamarappoo BK; Berman DS; Dey D.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Cardiovascular Research. 2019 Dec 19.

[Journal Article]

UI: 31853543

Authors Full Name

Commandeur, Frederic; Slomka, Piotr J; Goeller, Markus; Chen, Xi; Cadet, Sebastien; Razipour, Aryabod; McElhinney, Priscilla; Gransar, Heidi; Cantu, Stephanie; Miller, Robert J H; Rozanski, Alan; Achenbach, Stephan; Tamarappoo, Balaji K; Berman, Daniel S; Dey, Damini.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1242.

Baseline and Dynamic Risk Predictors of Appropriate Implantable Cardioverter Defibrillator Therapy.

Wu KC; Wongvibulsin S; Tao S; Ashikaga H; Stillabower M; Dickfeld TM; Marine JE; Weiss RG; Tomaselli GF; Zeger SL.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of the American Heart Association. 9(20):e017002, 2020 Oct 20.

[Journal Article]

UI: 33023350

Authors Full Name

Wu, Katherine C; Wongvibulsin, Shannon; Tao, Susumu; Ashikaga, Hiroshi; Stillabower, Michael; Dickfeld, Timm M; Marine, Joseph E; Weiss, Robert G; Tomaselli, Gordon F; Zeger, Scott L.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1243.

Site specific prediction of PCI stenting based on imaging and biomechanics data using gradient boosting tree ensembles.

Kigka VI; Sakellarios AI; Georga EI; Siogkas P; Tsompou P; Kyriakidis S; Rocchiccioli S; Pelosi G; Naka K; Michalis LK; Fotiadis DI.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020:2812-2815, 2020 07.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 33018591

Authors Full Name

Kigka, Vassiliki I; Sakellarios, Antonis I; Georga, Eleni I; Siogkas, Panagiotis; Tsompou, Panagiota; Kyriakidis, Savvas; Rocchiccioli, Silvia; Pelosi, Gualtiero; Naka, Katerina; Michalis, Lampros K; Fotiadis, Dimitrios I.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1244.

Prediction of atherosclerotic disease progression combining computational modelling with machine learning.

Sakellarios AI; Pezoulas VC; Bourantas C; Naka KK; Michalis LK; Serruys PW; Stone G; Garcia-Garcia HM; Fotiadis DI.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020:2760-2763, 2020 07.

[Journal Article]

UI: 33018578

Authors Full Name

Sakellarios, Antonis I; Pezoulas, Vasileios C; Bourantas, Christos; Naka, Katerina K; Michalis, Lampros K; Serruys, Patrick W; Stone, Gregg; Garcia-Garcia, Hector M; Fotiadis, Dimitrios I.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1245.

Screening of Ischemic Heart Disease based on PPG Signals using Machine Learning Techniques.

Pal P; Ghosh S; Chattopadhyay BP; Kumar Saha K; Mahadevappa M.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020:5980-5983, 2020 Jul.

[Journal Article]

UI: 33019334

Authors Full Name

Pal, Poulomi; Ghosh, Sudipta; Chattopadhyay, Bhabani Prasad; Kumar Saha, Kalyan; Mahadevappa, Manjunatha.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1246.

Sphingolipid composition of circulating extracellular vesicles after myocardial ischemia.

Burrello J; Biemmi V; Dei Cas M; Amongero M; Bolis S; Lazzarini E; Bollini S; Vassalli G; Paroni R; Barile L.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Scientific Reports. 10(1):16182, 2020 Sep 30.

[Journal Article]

UI: 32999414

Authors Full Name

Burrello, J; Biemmi, V; Dei Cas, M; Amongero, M; Bolis, S; Lazzarini, E; Bollini, S; Vassalli, G; Paroni, R; Barile, L.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1247.

[Artificial intelligence-based algorithms : Decision-making support for computed tomography of the chest]. [Review] [German] Algorithmen mit künstlicher Intelligenz :

Entscheidungsunterstützung für Computertomographien des Thorax. <Algorithmen mit künstlicher Intelligenz : Entscheidungsunterstützung für Computertomographien des Thorax.>

Manava P; Galster M; Heinen H; Stebner A; Lell M.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Radiologe. 60(10):952-958, 2020 Oct.

[English Abstract. Journal Article. Review]

UI: 32638030

Authors Full Name

Manava, Panagiota; Galster, Marco; Heinen, Henrik; Stebner, Alexander; Lell, Michael.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1248.

Machine learning in drug development: Characterizing the effect of 30 drugs on the QT interval using Gaussian process regression, sensitivity analysis, and uncertainty quantification.

Costabal FS; Matsuno K; Yao J; Perdikaris P; Kuhl E.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computer Methods in Applied Mechanics & Engineering. 348:313-333, 2019 May 01.

[Journal Article]

UI: 32863454

Authors Full Name

Costabal, Francisco Sahli; Matsuno, Kristen; Yao, Jiang; Perdikaris, Paris; Kuhl, Ellen.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1249.

Radiomics of Coronary Artery Calcium in the Framingham Heart Study.

Eslami P; Parmar C; Foldyna B; Scholtz JE; Ivanov A; Zeleznik R; Lu MT; Ferencik M; Vasas RS;
Baltrusaitis K; Massaro JM; D'Agostino RB; Mayrhofer T; O'Donnell CJ; Aerts HJWL; Hoffmann
U.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Radiology Cardiothoracic Imaging. 2(1):e190119, 2020 Feb 27.

[Journal Article]

UI: 32715301

Authors Full Name

Eslami, Parastou; Parmar, Chintan; Foldyna, Borek; Scholtz, Jan-Erik; Ivanov, Alexander;
Zeleznik, Roman; Lu, Michael T; Ferencik, Maros; Vasas, Ramachandran S; Baltrusaitis, Kristin;
Massaro, Joseph M; D'Agostino, Ralph B; Mayrhofer, Thomas; O'Donnell, Christopher J; Aerts,
Hugo J W L; Hoffmann, Udo.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1250.

The Future of Concurrent Automated Coronary Artery Calcium Scoring on Screening Low-Dose Computed Tomography. [Review]

Waltz J; Kocher M; Kahn J; Dirr M; Burt JR.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Cureus. 12(6):e8574, 2020 Jun 12.

[Journal Article. Review]

UI: 32670710

Authors Full Name

Waltz, Jeffrey; Kocher, Madison; Kahn, Jacob; Dirr, McKenzie; Burt, Jeremy R.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1251.

On the Relevance of the Loss Function in the Agatston Score Regression from Non-ECG Gated CT Scans.

Cano-Espinosa C; Gonzalez G; Washko GR; Cazorla M; Jose Estepar RS.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Image analysis for moving organ, breast, and thoracic images : third International Workshop, RAMBO 2018, fourth International Workshop, BIA 2018, and first International Workshop, TIA

2018, held in conjunction with MICCAI 2018, Granada, Spain, September 16 and 20, 2018, Proceedings / Danail Stoyanov, Zeike Taylor, Bernhard Kainz, Gabriel Maicas, Reinhard R. Beichel et al. (eds.). 11040:326-334, 2018 Sep.

[Journal Article]

UI: 32478335

Authors Full Name

Cano-Espinosa, Carlos; Gonzalez, German; Washko, George R; Cazorla, Miguel; Jose Estepar, Raul San.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1252.

Deep learning-based stenosis quantification from coronary CT Angiography.

Hong Y; Commandeur F; Cadet S; Goeller M; Doris MK; Chen X; Kwiecinski J; Berman DS; Slomka PJ; Chang HJ; Dey D.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Proceedings of SPIE - the International Society for Optical Engineering. 10949, 2019 Feb.

[Journal Article]

UI: 31762536

Authors Full Name

Hong, Youngtaek; Commandeur, Frederic; Cadet, Sebastien; Goeller, Markus; Doris, Mhairi K; Chen, Xi; Kwiecinski, Jacek; Berman, Daniel S; Slomka, Piotr J; Chang, Hyuk-Jae; Dey, Damini.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1253.

Coronary Calcium Detection using 3D Attention Identical Dual Deep Network Based on Weakly Supervised Learning.

Huo Y; Terry JG; Wang J; Nath V; Bermudez C; Bao S; Parvathaneni P; Carr JJ; Landman BA.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Proceedings of SPIE - the International Society for Optical Engineering. 10949, 2019 Feb.

[Journal Article]

UI: 31762534

Authors Full Name

Huo, Yuankai; Terry, James G; Wang, Jiachen; Nath, Vishwesh; Bermudez, Camilo; Bao, Shunxing; Parvathaneni, Prasanna; Carr, J Jeffery; Landman, Bennett A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1254.

Coronary Computed Tomography Angiography: Enhancing Risk Stratification and Diagnosis of Cardiovascular Disease in Women. [Review]

Karnib S; Chinnaiyan KM.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Current Treatment Options in Cardiovascular Medicine. 21(10):62, 2019 Oct 04.

[Journal Article. Review]

UI: 31584125

Authors Full Name

Karnib, Sara; Chinnaiyan, Kavitha M.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1255.

Novel Metric Using Laplacian Eigenmaps to Evaluate Ischemic Stress on the Torso Surface.

Good WW; Erem B; Coll-Font J; Zenger B; Horacek BM; Brooks DH; MacLeod RS.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Computing in Cardiology. 45, 2018 Sep.

[Journal Article]

UI: 31338374

Authors Full Name

Good, Wilson W; Erem, Burak; Coll-Font, Jaume; Zenger, Brian; Horacek, B Milan; Brooks, Dana H; MacLeod, Rob S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1256.

Automated Agatston Score Computation in non-ECG Gated CT Scans Using Deep Learning.
Cano-Espinosa C; Gonzalez G; Washko GR; Cazorla M; Estepar RSJ.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Proceedings of SPIE - the International Society for Optical Engineering. 10574, 2018 Feb.

[Journal Article]

UI: 30122801

Authors Full Name

Cano-Espinosa, Carlos; Gonzalez, German; Washko, George R; Cazorla, Miguel; Estepar, Raul
San Jose.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1257.

A Deep Learning Approach to Examine Ischemic ST Changes in Ambulatory ECG Recordings.
Xiao R; Xu Y; Pelter MM; Mortara DW; Hu X.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
AMIA Summits on Translational Science Proceedings. 2017:256-262, 2018.

[Journal Article]

UI: 29888083

Authors Full Name

Xiao, Ran; Xu, Yuan; Pelter, Michele M; Mortara, David W; Hu, Xiao.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1258.

Classification of calcium in intravascular OCT images for the purpose of intervention planning.

Shalev R; Bezerra HG; Ray S; Prabhu D; Wilson DL.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Proceedings of SPIE - the International Society for Optical Engineering. 9786, 2016 Mar.

[Journal Article]

UI: 29606786

Authors Full Name

Shalev, Ronny; Bezerra, Hiram G; Ray, Soumya; Prabhu, David; Wilson, David L.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1259.

Voxel-based plaque classification in coronary intravascular optical coherence tomography images using decision trees.

Kolluru C; Prabhu D; Gharaibeh Y; Wu H; Wilson DL.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Proceedings of SPIE - the International Society for Optical Engineering. 10575, 2018 Feb.

[Journal Article]

UI: 29568146

Authors Full Name

Kolluru, Chaitanya; Prabhu, David; Gharaibeh, Yazan; Wu, Hao; Wilson, David L.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1260.

Novel SPECT Technologies and Approaches in Cardiac Imaging.

Slomka P; Hung GU; Germano G; Berman DS.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Cardiovascular Innovations & Applications. 2(1):31-46, 2016 Dec 01.

[Journal Article]

UI: 29034066

Authors Full Name

Slomka, Piotr; Hung, Guang-Uei; Germano, Guido; Berman, Daniel S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1261.

Detection and classification of cardiac ischemia using vectorcardiogram signal via neural network.

Dehnavi AR; Farahabadi I; Rabbani H; Farahabadi A; Mahjoob MP; Dehnavi NR.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of Research in Medical Sciences. 16(2):136-42, 2011 Feb.

[Journal Article]

UI: 22091222

Authors Full Name

Dehnavi, Ali Reza Mehri; Farahabadi, Iman; Rabbani, Hossain; Farahabadi, Amin; Mahjoob, Mohamad Parsa; Dehnavi, Nasser Rajabi.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1262.

Integrated artificial neural network analysis and functional cell based affinity mass spectrometry for screening a bifunctional activator of Ca²⁺ and beta2AR in aconite.

Chang N; Gao J; Niu L; Hou Y; Wang X; Jiang M; Bai G.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Pharmaceutical & Biomedical Analysis. 190:113506, 2020 Oct 25.

[Journal Article]

UI: 32777733

Authors Full Name

Chang, Nianwei; Gao, Jie; Niu, Lin; Hou, Yuanyuan; Wang, Xiaoying; Jiang, Min; Bai, Gang.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1263.

Cell-Based Therapy for Stroke: Musing With Muse Cells.

Park YJ; Niizuma K; Mokin M; Dezawa M; Borlongan CV.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Stroke. 51(9):2854-2862, 2020 Sep.

[Journal Article]

UI: 32811374

Authors Full Name

Park, You Jeong; Niizuma, Kuniyasu; Mokin, Maxim; Dezawa, Mari; Borlongan, Cesar V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1264.

Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source.

Kamel H; Navi BB; Parikh NS; Merkler AE; Okin PM; Devereux RB; Weinsaft JW; Kim J; Cheung JW; Kim LK; Casadei B; Iadecola C; Sabuncu MR; Gupta A; Diaz I.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Stroke. 51(9):e203-e210, 2020 Sep.

[Journal Article]

UI: 32781943

Authors Full Name

Kamel, Hooman; Navi, Babak B; Parikh, Neal S; Merkler, Alexander E; Okin, Peter M; Devereux, Richard B; Weinsaft, Jonathan W; Kim, Jiwon; Cheung, Jim W; Kim, Luke K; Casadei, Barbara; Iadecola, Costantino; Sabuncu, Mert R; Gupta, Ajay; Diaz, Ivan.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1265.

Development of an Intelligent PDA-based Wearable Digital Phonocardiograph.

Brusco M; Nazeran H.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Conference Proceedings: ... Annual International Conference of the IEEE Engineering in Medicine & Biology Society. 2005:3506-9, 2005.

[Journal Article]

UI: 17280980

Authors Full Name

Brusco, Matias; Nazeran, Homer.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1266.

BP-neural network based-characterization of electrographic magnetohydrodynamic signals in MR.

Xu Y; Wang Z; Makedon FS; Pearlman JD.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

Conference Proceedings: ... Annual International Conference of the IEEE Engineering in
Medicine & Biology Society. 2006:431-3, 2004.

[Journal Article]

UI: 17271704

Authors Full Name

Xu, Yurong; Wang, Zhifeng; Makedon, Fillia S; Pearlman, Justin D.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1267.

A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves
cardiac risk prediction using coronary CT angiography.

Oikonomou EK; Williams MC; Kotanidis CP; Desai MY; Marwan M; Antonopoulos AS; Thomas
KE; Thomas S; Akoumianakis I; Fan LM; Kesavan S; Herdman L; Alashi A; Centeno EH;
Lyasheva M; Griffin BP; Flamm SD; Shirodaria C; Sabharwal N; Kelion A; Dweck MR; Van Beek
EJR; Deanfield J; Hopewell JC; Neubauer S; Channon KM; Achenbach S; Newby DE;
Antoniades C.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
European Heart Journal. 40(43):3529-3543, 2019 11 14.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 31504423

Title Comment

[Comment in: Nat Rev Cardiol. 2019 Nov;16(11):646-647; PMID: 31534173

[\[https://www.ncbi.nlm.nih.gov/pubmed/31534173\]](https://www.ncbi.nlm.nih.gov/pubmed/31534173)

[Comment in: Eur Heart J. 2019 Nov 14;40(43):3544-3546; PMID: 31605139

[\[https://www.ncbi.nlm.nih.gov/pubmed/31605139\]](https://www.ncbi.nlm.nih.gov/pubmed/31605139)

Authors Full Name

Oikonomou, Evangelos K; Williams, Michelle C; Kotanidis, Christos P; Desai, Milind Y; Marwan, Mohamed; Antonopoulos, Alexios S; Thomas, Katharine E; Thomas, Sheena; Akoumianakis, Ioannis; Fan, Lampson M; Kesavan, Sujatha; Herdman, Laura; Alashi, Alaa; Centeno, Erika Hutt; Lyasheva, Maria; Griffin, Brian P; Flamm, Scott D; Shirodaria, Cheerag; Sabharwal, Nikant; Kelion, Andrew; Dweck, Marc R; Van Beek, Edwin J R; Deanfield, John; Hopewell, Jemma C; Neubauer, Stefan; Channon, Keith M; Achenbach, Stephan; Newby, David E; Antoniadou, Charalambos.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1268.

[Is FFRCT a game changer in coronary CT angiography?]. [Review] [German] Werden die Karten der CT-Koronarangiographie mit der FFRCT neu gemischt? <Werden die Karten der CT-Koronarangiographie mit der FFRCT neu gemischt?>

Gutberlet M; Kriehoff C; Gohmann R.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Herz. 45(5):431-440, 2020 Aug.

[Journal Article. Review]

UI: 32494946

Authors Full Name

Gutberlet, Matthias; Kriehoff, Christian; Gohmann, Robin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1269.

Novel Imaging Revealing Inner Dynamics for Cardiovascular Waveform Analysis via Unsupervised Manifold Learning.

Wang SC; Wu HT; Huang PH; Chang CH; Ting CK; Lin YT.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Anesthesia & Analgesia. 130(5):1244-1254, 2020 05.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 32287131

Authors Full Name

Wang, Shen-Chih; Wu, Hau-Tieng; Huang, Po-Hsun; Chang, Cheng-Hsi; Ting, Chien-Kun; Lin, Yu-Ting.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1270.

MiR-182-5p enhances in vitro neutrophil infiltration in Kawasaki disease.

Li SC; Huang LH; Chien KJ; Pan CY; Lin PH; Lin Y; Weng KP; Tsai KW.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Molecular Genetics & Genomic Medicine. 7(12):e990, 2019 12.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 31605468

Authors Full Name

Li, Sung-Chou; Huang, Lien-Hung; Chien, Kuang-Jen; Pan, Chao-Yu; Lin, Pei-Hsien; Lin, Yuyu; Weng, Ken-Pen; Tsai, Kuo-Wang.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1271.

Direct Automatic Coronary Calcium Scoring in Cardiac and Chest CT.

de Vos BD; Wolterink JM; Leiner T; de Jong PA; Lessmann N; Isgum I.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily IEEE Transactions on Medical Imaging. 38(9):2127-2138, 2019 09.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 30794169

Authors Full Name

de Vos, Bob D; Wolterink, Jelmer M; Leiner, Tim; de Jong, Pim A; Lessmann, Nikolas; Isgum, Ivana.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1272.

Strap In for the Artificial Intelligence Revolution in Interventional Cardiology.

Koo BK; Samady H.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Jacc: Cardiovascular Interventions. 12(14):1325-1327, 2019 07 22.

[Editorial. Comment]

UI: 31320026

Title Comment

[Comment on: JACC Cardiovasc Interv. 2019 Jul 22;12(14):1315-1324; PMID: 31320025

[\[https://www.ncbi.nlm.nih.gov/pubmed/31320025\]\]](https://www.ncbi.nlm.nih.gov/pubmed/31320025)

Authors Full Name

Koo, Bon-Kwon; Samady, Habib.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1273.

Intelligent classification of platelet aggregates by agonist type.

Zhou Y; Yasumoto A; Lei C; Huang CJ; Kobayashi H; Wu Y; Yan S; Sun CW; Yatomi Y; Goda K.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily eLife. 9, 2020 05 12.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 32393438

Authors Full Name

Zhou, Yuqi; Yasumoto, Atsushi; Lei, Cheng; Huang, Chun-Jung; Kobayashi, Hirofumi; Wu, Yunzhao; Yan, Sheng; Sun, Chia-Wei; Yatomi, Yutaka; Goda, Keisuke.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1274.

Non-statin lipid lowering and coronary plaque composition.

Dudum R; Whelton SP.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of cardiovascular computed tomography. 13(6):301-302, 2019 Nov - Dec.

[Editorial. Comment]

UI: 30803836

Title Comment

[Comment on: J Cardiovasc Comput Tomogr. 2018 May - Jun;12(3):204-209; PMID: 29753765

[\[https://www.ncbi.nlm.nih.gov/pubmed/29753765\]\]](https://www.ncbi.nlm.nih.gov/pubmed/29753765)

Authors Full Name

Dudum, Ramzi; Whelton, Seamus P.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1275.

Enabling Automated Device Size Selection for Transcatheter Aortic Valve Implantation.

Astudillo P; Mortier P; Bosmans J; De Backer O; de Jaegere P; De Beule M; Dambre J.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Interventional Cardiology. 2019:3591314, 2019.

[Journal Article]

UI: 31777469

Authors Full Name

Astudillo, Patricio; Mortier, Peter; Bosmans, Johan; De Backer, Ole; de Jaegere, Peter; De Beule, Matthieu; Dambre, Joni.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1276.

Optical Coherence Tomography Vulnerable Plaque Segmentation Based on Deep Residual U-Net.

Li L; Jia T.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Reviews in Cardiovascular Medicine. 20(3):171-177, 2019 Sep 30.

[Journal Article]

UI: 31601091

Authors Full Name

Li, Lincan; Jia, Tong.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1277.

Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source.

Fitzgerald S; Dai D; Wang S; Douglas A; Kadirvel R; Layton KF; Thacker IC; Gounis MJ; Chueh JY; Puri AS; Almekhlafi M; Demchuk AM; Hanel RA; Sauvageau E; Aghaebrahim A; Yoo AJ; Kvamme P; M Pereira V; Kayan Y; Delgado Almandoz JE; Nogueira RG; Rabinstein AA; Kallmes DF; Doyle KM; Brinjikji W.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Stroke. 50(7):1907-1910, 2019 07.

[Journal Article. Research Support, N.I.H., Extramural. Research Support, Non-U.S. Gov't]

UI: 31138084

Title Comment

[Comment in: Stroke. 2019 Oct;50(10):e297; PMID: 31514697

[\[https://www.ncbi.nlm.nih.gov/pubmed/31514697\]](https://www.ncbi.nlm.nih.gov/pubmed/31514697)]

[Comment in: Stroke. 2019 Oct;50(10):e298; PMID: 31514702

[\[https://www.ncbi.nlm.nih.gov/pubmed/31514702\]](https://www.ncbi.nlm.nih.gov/pubmed/31514702)]

Authors Full Name

Fitzgerald, Sean; Dai, Daying; Wang, Shunli; Douglas, Andrew; Kadirvel, Ramanathan; Layton, Kenneth F; Thacker, Ike C; Gounis, Matthew J; Chueh, Ju-Yu; Puri, Ajit S; Almekhlafi, Mohammed; Demchuk, Andrew M; Hanel, Ricardo A; Sauvageau, Eric; Aghaebrahim, Amin; Yoo, Albert J; Kvamme, Peter; M Pereira, Vitor; Kayan, Yasha; Delgado Almandoz, Josser E; Nogueira, Raul G; Rabinstein, Alejandro A; Kallmes, David F; Doyle, Karen M; Brinjikji, Waleed.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1278.

Noncontrast Chest Computed Tomographic Imaging of Obesity and the Metabolic Syndrome:
Part I Cardiovascular Findings. [Review]

Schlett CL; Nattenmuller J; Tsuchiya N; Vogel-Claussen J; Kauczor HU; Levin D; Hatabu H;
Estepar JR; Wu MT; van Beek EJR; Schiebler ML; Representing the International Workshop for
Pulmonary Functional Imaging (IWPMI).

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of Thoracic Imaging. 34(2):116-125, 2019 Mar.

[Journal Article. Review]

UI: 30802234

Authors Full Name

Schlett, Christopher L; Nattenmuller, Johanna; Tsuchiya, Nanae; Vogel-Claussen, Jens; Kauczor,
Hans-Ulrich; Levin, David; Hatabu, Hiroto; Estepar, Jose R; Wu, Ming-Ting; van Beek, Edwin J R;
Schiebler, Mark L; Representing the International Workshop for Pulmonary Functional Imaging
(IWPMI).

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1279.

Dictionary-Driven Ischemia Detection From Cardiac Phase-Resolved Myocardial BOLD MRI at
Rest.

Bevilacqua M; Dharmakumar R; Tsiftaris SA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
IEEE Transactions on Medical Imaging. 35(1):282-93, 2016 Jan.

[Journal Article]

UI: 26292338

Authors Full Name

Bevilacqua, Marco; Dharmakumar, Rohan; Tsiftaris, Sotirios A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1280.

The best predictor of ischemic coronary stenosis: subtended myocardial volume, machine learning-based FFRCT, or high-risk plaque features?.

Yu M; Lu Z; Shen C; Yan J; Wang Y; Lu B; Zhang J.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily European Radiology. 29(7):3647-3657, 2019 Jul.

[Journal Article]

UI: 30903334

Authors Full Name

Yu, Mengmeng; Lu, Zhigang; Shen, Chengxing; Yan, Jing; Wang, Yining; Lu, Bin; Zhang, Jiayin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1281.

Double robust estimation for multiple unordered treatments and clustered observations:

Evaluating drug-eluting coronary artery stents.

Rose S; Normand SL.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Biometrics. 75(1):289-296, 2019 03.

[Evaluation Study. Journal Article. Multicenter Study. Research Support, N.I.H., Extramural]

UI: 30004575

Authors Full Name

Rose, Sherri; Normand, Sharon-Lise.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1282.

Unsupervised Myocardial Segmentation for Cardiac BOLD.

Oksuz I; Mukhopadhyay A; Dharmakumar R; Tsiftaris SA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily IEEE Transactions on Medical Imaging. 36(11):2228-2238, 2017 11.

[Journal Article. Research Support, N.I.H., Extramural]

UI: 28708550

Authors Full Name

Oksuz, Ilkay; Mukhopadhyay, Anirban; Dharmakumar, Rohan; Tsiftaris, Sotirios A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1283.

Coronary Calcium Detection Based on Improved Deep Residual Network in Mimics.

Datong C; Minghui L; Cheng J; Yue S; Dongbin X; Yueming L.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Medical Systems. 43(5):119, 2019 Mar 25.

[Journal Article]

UI: 30911850

Authors Full Name

Datong, Chen; Minghui, Liang; Cheng, Jin; Yue, Sun; Dongbin, Xu; Yueming, Lin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1284.

Optimize the comprehensive evaluation of hemodynamical significance by coronary CT angiography.

Zhang J.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily International Journal of Cardiology. 274:403, 2019 01 01.

[Letter. Comment]

UI: 30196999

Title Comment

[Comment on: Int J Cardiol. 2018 Aug 15;265:256-261; PMID: 29885695

[\[https://www.ncbi.nlm.nih.gov/pubmed/29885695\]\]](https://www.ncbi.nlm.nih.gov/pubmed/29885695)

Authors Full Name

Zhang, Jiayin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1285.

Is Now the Time to Debate Traditional Fractional Flow Reserve/Instantaneous Wave-Free Ratio Cut Points?.

Davies JE; Cook CM.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Circulation: Cardiovascular Interventions. 11(12):e007562, 2018 12.

[Editorial. Comment]

UI: 30562082

Title Comment

[Comment on: Circ Cardiovasc Interv. 2018 Dec;11(12):e007041; PMID: 30562079

[\[https://www.ncbi.nlm.nih.gov/pubmed/30562079\]\]](https://www.ncbi.nlm.nih.gov/pubmed/30562079)

Authors Full Name

Davies, Justin E; Cook, Christopher M.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1286.

[Automated Classification of Calcification and Stent on Computed Tomography Coronary Angiography Using Deep Learning]. [Japanese]
Hasegawa A; Lee Y; Takeuchi Y; Ichikawa K.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Nippon Hoshasen Gijutsu Gakkai Zasshi. 74(10):1138-1143, 2018.
[Journal Article]
UI: 30344210
Authors Full Name
Hasegawa, Akira; Lee, Yongbum; Takeuchi, Yu; Ichikawa, Katsuhiko.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1287.

A novel, data-driven conceptualization for critical left heart obstruction.
Meza JM; Sliker M; Blackstone EH; Mertens L; DeCampi WM; Kirklin JK; Karimi M; Egtesady P; Pourmoghadam K; Kim RW; Burch PT; Jacobs ML; Karamlou T; McCrindle BW; Congenital Heart Surgeons' Society.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Computer Methods & Programs in Biomedicine. 165:107-116, 2018 Oct.
[Journal Article]
UI: 30337065
Authors Full Name
Meza, James M; Sliker, Martijn; Blackstone, Eugene H; Mertens, Luc; DeCampi, William M; Kirklin, James K; Karimi, Mohsen; Egtesady, Pirooz; Pourmoghadam, Kamal; Kim, Richard W; Burch, Phillip T; Jacobs, Marshall L; Karamlou, Tara; McCrindle, Brian W; Congenital Heart Surgeons' Society.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1288.

Using neural attention networks to detect adverse medical events from electronic health records.

Chu J; Dong W; He K; Duan H; Huang Z.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Biomedical Informatics. 87:118-130, 2018 11.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 30336262

Authors Full Name

Chu, Jiebin; Dong, Wei; He, Kunlun; Duan, Huilong; Huang, Zhengxing.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1289.

A Meta-Prediction of Methylenetetrahydrofolate-Reductase Polymorphisms and Air Pollution Increased the Risk of Ischemic Heart Diseases Worldwide.

Chen ZF; Young L; Yu CH; Shiao SPK.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily

International Journal of Environmental Research & Public Health [Electronic Resource]. 15(7),
2018 07 10.

[Journal Article. Meta-Analysis. Research Support, Non-U.S. Gov't]

UI: 29996520

Authors Full Name

Chen, Zhao-Feng; Young, Lufei; Yu, Chong Ho; Shiao, S Pamela K.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1290.

Quantitative Assessment of the Physiological Parameters Influencing QT Interval Response to
Medication: Application of Computational Intelligence Tools.

Polak S; Wisniowska B; Mendyk A; Paclawski A; Szlek J.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computational & Mathematical Methods in Medicine. 2018:3719703, 2018.

[Journal Article]

UI: 29531576

Authors Full Name

Polak, Sebastian; Wisniowska, Barbara; Mendyk, Aleksander; Paclawski, Adam; Szlek, Jakub.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1291.

Machine-learning phenotypic classification of bicuspid aortopathy.

Wojnarski CM; Roselli EE; Idrees JJ; Zhu Y; Carnes TA; Lowry AM; Collier PH; Griffin B; Ehrlinger J; Blackstone EH; Svensson LG; Lytle BW.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Thoracic & Cardiovascular Surgery. 155(2):461-469.e4, 2018 02.

[Journal Article]

UI: 29042101

Title Comment

[Comment in: J Thorac Cardiovasc Surg. 2018 Feb;155(2):457-458; PMID: 29126614

[\[https://www.ncbi.nlm.nih.gov/pubmed/29126614\]\]](https://www.ncbi.nlm.nih.gov/pubmed/29126614)

[Comment in: J Thorac Cardiovasc Surg. 2018 Feb;155(2):472-473; PMID: 29198801

[\[https://www.ncbi.nlm.nih.gov/pubmed/29198801\]\]](https://www.ncbi.nlm.nih.gov/pubmed/29198801)

[Comment in: J Thorac Cardiovasc Surg. 2018 Feb;155(2):470-471; PMID: 29223844

[\[https://www.ncbi.nlm.nih.gov/pubmed/29223844\]\]](https://www.ncbi.nlm.nih.gov/pubmed/29223844)

Authors Full Name

Wojnarski, Charles M; Roselli, Eric E; Idrees, Jay J; Zhu, Yuanjia; Carnes, Theresa A; Lowry, Ashley M; Collier, Patrick H; Griffin, Brian; Ehrlinger, John; Blackstone, Eugene H; Svensson, Lars G; Lytle, Bruce W.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1292.

High-resolution and accelerated multi-parametric mapping with automated characterization of vessel disease using intravascular MRI.

Wang G; Zhang Y; Hegde SS; Bottomley PA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of Cardiovascular Magnetic Resonance. 19(1):89, 2017 Nov 20.

[Journal Article. Validation Study]

UI: 29157260

Authors Full Name

Wang, Guan; Zhang, Yi; Hegde, Shashank Sathyanarayana; Bottomley, Paul A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1293.

Coronary CT Angiography-derived Fractional Flow Reserve.

Tesche C; De Cecco CN; Albrecht MH; Duguay TM; Bayer RR 2nd; Litwin SE; Steinberg DH;
Schoepf UJ.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Radiology. 285(1):17-33, 2017 10.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 28926310

Authors Full Name

Tesche, Christian; De Cecco, Carlo N; Albrecht, Moritz H; Duguay, Taylor M; Bayer, Richard R
2nd; Litwin, Sheldon E; Steinberg, Daniel H; Schoepf, U Joseph.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1294.

Computational Model of Drug-Coated Balloon Delivery in a Patient-Specific Arterial Vessel with Heterogeneous Tissue Composition.

Mandal PK; Sarifuddin; Kolachalama VB.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Cardiovascular Engineering & Technology. 7(4):406-419, 2016 12.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 27443840

Authors Full Name

Mandal, Prashanta K; Sarifuddin; Kolachalama, Vijaya B.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1295.

A machine-learning approach for computation of fractional flow reserve from coronary computed tomography.

Itu L; Rapaka S; Passerini T; Georgescu B; Schwemmer C; Schoebinger M; Flohr T; Sharma P; Comaniciu D.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Applied Physiology. 121(1):42-52, 2016 07 01.

[Journal Article]

UI: 27079692

Title Comment

[Comment in: J Appl Physiol (1985). 2018 Oct 1;125(4):1353; PMID: 30354943

[\[https://www.ncbi.nlm.nih.gov/pubmed/30354943\]](https://www.ncbi.nlm.nih.gov/pubmed/30354943)

[Comment in: J Appl Physiol (1985). 2018 Oct 1;125(4):1352; PMID: 30354945

[\[https://www.ncbi.nlm.nih.gov/pubmed/30354945\]](https://www.ncbi.nlm.nih.gov/pubmed/30354945)

Authors Full Name

Itu, Lucian; Rapaka, Saikiran; Passerini, Tiziano; Georgescu, Bogdan; Schwemmer, Chris; Schoebinger, Max; Flohr, Thomas; Sharma, Puneet; Comaniciu, Dorin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1296.

Supervised domain adaptation of decision forests: Transfer of models trained in vitro for in vivo intravascular ultrasound tissue characterization.

Conjeti S; Katouzian A; Roy AG; Peter L; Sheet D; Carlier S; Laine A; Navab N.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Image Analysis. 32:1-17, 2016 08.

[Journal Article. Validation Study]

UI: 27035487

Authors Full Name

Conjeti, Sailesh; Katouzian, Amin; Roy, Abhijit Guha; Peter, Loic; Sheet, Debdoot; Carlier, Stephane; Laine, Andrew; Navab, Nassir.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1297.

Quantitative iodine-123-metaiodobenzylguanidine (MIBG) SPECT imaging in heart failure with left ventricular systolic dysfunction: Development and validation of automated procedures in conjunction with technetium-99m tetrofosmin myocardial perfusion SPECT.

Clements IP; Garcia EV; Chen J; Folks RD; Butler J; Jacobson AF.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Nuclear Cardiology. 23(3):425-35, 2016 06.

[Evaluation Study. Journal Article. Validation Study]

UI: 25788403

Title Comment

[Comment in: J Nucl Cardiol. 2016 Jun;23(3):436-41; PMID: 25802176

[\[https://www.ncbi.nlm.nih.gov/pubmed/25802176\]\]](https://www.ncbi.nlm.nih.gov/pubmed/25802176)

Authors Full Name

Clements, Ian P; Garcia, Ernest V; Chen, Ji; Folks, Russell D; Butler, Javed; Jacobson, Arnold F.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1298.

Fuzzy Rule-Based Classification System for Assessing Coronary Artery Disease.

Mohammadpour RA; Abedi SM; Bagheri S; Ghaemian A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Computational & Mathematical Methods in Medicine. 2015:564867, 2015.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 26448783

Authors Full Name

Mohammadpour, Reza Ali; Abedi, Seyed Mohammad; Bagheri, Somayeh; Ghaemian, Ali.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1299.

Quantification of coronary artery calcium in nongated CT to predict cardiovascular events in male lung cancer screening participants: results of the NELSON study.

Takx RA; Isgum I; Willeminck MJ; van der Graaf Y; de Koning HJ; Vliegenthart R; Oudkerk M; Leiner T; de Jong PA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of cardiovascular computed tomography. 9(1):50-7, 2015 Jan-Feb.

[Journal Article. Multicenter Study. Randomized Controlled Trial. Research Support, Non-U.S. Gov't]

UI: 25533223

Title Comment

[Comment in: J Cardiovasc Comput Tomogr. 2015 Nov-Dec;9(6):e5; PMID: 26679549

[\[https://www.ncbi.nlm.nih.gov/pubmed/26679549\]](https://www.ncbi.nlm.nih.gov/pubmed/26679549)]

Authors Full Name

Takx, Richard A P; Isgum, Ivana; Willeminck, Martin J; van der Graaf, Yolanda; de Koning, Harry J; Vliegenthart, Rozemarijn; Oudkerk, Matthijs; Leiner, Tim; de Jong, Pim A.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

[SFX Link](#)

1300.

Validation of an automated method to quantify stress-induced ischemia and infarction in rest-stress myocardial perfusion SPECT.

Fransson H; Ljungberg M; Carlsson M; Engblom H; Arheden H; Heiberg E.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Nuclear Cardiology. 21(3):503-18, 2014 Jun.

[Journal Article. Randomized Controlled Trial. Research Support, Non-U.S. Gov't. Validation Study]

UI: 24532031

Authors Full Name

Fransson, Helen; Ljungberg, Michael; Carlsson, Marcus; Engblom, Henrik; Arheden, Hakan; Heiberg, Einar.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1301.

Joint learning of ultrasonic backscattering statistical physics and signal confidence primal for characterizing atherosclerotic plaques using intravascular ultrasound.

Sheet D; Karamalis A; Eslami A; Noel P; Chatterjee J; Ray AK; Laine AF; Carlier SG; Navab N; Katouzian A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Image Analysis. 18(1):103-17, 2014 Jan.

[Journal Article]

UI: 24184434

Authors Full Name

Sheet, Debdoot; Karamalis, Athanasios; Eslami, Abouzar; Noel, Peter; Chatterjee, Jyotirmoy;
Ray, Ajoy K; Laine, Andrew F; Carlier, Stephane G; Navab, Nassir; Katouzian, Amin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1302.

Segmentation method of intravascular ultrasound images of human coronary arteries.

Destrempe F; Roy Cardinal MH; Allard L; Tardif JC; Cloutier G.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computerized Medical Imaging & Graphics. 38(2):91-103, 2014 Mar.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 24119335

Authors Full Name

Destrempe, Francois; Roy Cardinal, Marie-Helene; Allard, Louise; Tardif, Jean-Claude; Cloutier,
Guy.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1303.

Automated knowledge-based detection of nonobstructive and obstructive arterial lesions from coronary CT angiography.

Kang D; Slomka PJ; Nakazato R; Arsanjani R; Cheng VY; Min JK; Li D; Berman DS; Kuo CC; Dey D.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Physics. 40(4):041912, 2013 Apr.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 23556906

Authors Full Name

Kang, Dongwoo; Slomka, Piotr J; Nakazato, Ryo; Arsanjani, Reza; Cheng, Victor Y; Min, James K; Li, Debiao; Berman, Daniel S; Kuo, C-C Jay; Dey, Damini.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1304.

Segmentation of the luminal border in intravascular ultrasound B-mode images using a probabilistic approach.

Mendizabal-Ruiz EG; Rivera M; Kakadiaris IA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Image Analysis. 17(6):649-70, 2013 Aug.

[Journal Article. Research Support, Non-U.S. Gov't. Research Support, U.S. Gov't, Non-P.H.S.]

UI: 23490618

Authors Full Name

Mendizabal-Ruiz, E Gerardo; Rivera, Mariano; Kakadiaris, Ioannis A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1305.

Diagnosis of coronary stenosis with CT angiography comparison of automated computer diagnosis with expert readings.

Halpern EJ; Halpern DJ.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Academic Radiology. 18(3):324-33, 2011 Mar.

[Comparative Study. Journal Article]

UI: 21215663

Authors Full Name

Halpern, Ethan J; Halpern, David J.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1306.

A new approach for improving coronary plaque component analysis based on intravascular ultrasound images.

Taki A; Hetterich H; Roodaki A; Setarehdan SK; Unal G; Rieber J; Navab N; Konig A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Ultrasound in Medicine & Biology. 36(8):1245-58, 2010 Aug.

[Journal Article]

UI: 20691915

Authors Full Name

Taki, Arash; Hetterich, Holger; Roodaki, Alireza; Setarehdan, S K; Unal, Gozde; Rieber,
Johannes; Navab, Nassir; Konig, Andreas.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1307.

Automatic left ventricular contour extraction from cardiac magnetic resonance images using
cantilever beam and random walk approach.

Dakua SP; Sahambi JS.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Cardiovascular Engineering: An International Journal. 10(1):30-43, 2010 Mar.

[Journal Article]

UI: 20082140

Authors Full Name

Dakua, Sarada Prasad; Sahambi, J S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1308.

Coronary CTA: stenosis classification and quantification, including automated measures.

[Review] [39 refs]

Bekkers E; Roos J.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of cardiovascular computed tomography. 3 Suppl 2:S109-15, 2009 Nov-Dec.

[Journal Article. Review]

UI: 20129518

Authors Full Name

Bekkers, Erik; Roos, Justus.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1309.

Prediction rules for the detection of coronary artery plaques: evidence from cardiac CT.

Saur SC; Cattin PC; Desbiolles L; Fuchs TJ; Szekely G; Alkadhi H.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Investigative Radiology. 44(8):483-90, 2009 Aug.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 19623688

Authors Full Name

Saur, Stefan C; Cattin, Philippe C; Desbiolles, Lotus; Fuchs, Thomas J; Szekely, Gabor; Alkadhi,
Hatem.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1310.

Support Vectors Machine-based identification of heart valve diseases using heart sounds.

Maglogiannis I; Loukis E; Zafiroopoulos E; Stasis A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computer Methods & Programs in Biomedicine. 95(1):47-61, 2009 Jul.

[Journal Article]

UI: 19269056

Authors Full Name

Maglogiannis, Ilias; Loukis, Euripidis; Zafiroopoulos, Elias; Stasis, Antonis.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1311.

Relation between global left ventricular longitudinal strain assessed with novel automated
function imaging and biplane left ventricular ejection fraction in patients with coronary artery
disease.

Delgado V; Mollema SA; Ypenburg C; Tops LF; van der Wall EE; Schalij MJ; Bax JJ.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of the American Society of Echocardiography. 21(11):1244-50, 2008 Nov.

[Evaluation Study. Journal Article]

UI: 18992675

Authors Full Name

Delgado, Victoria; Mollema, Sjoerd A; Ypenburg, Claudia; Tops, Laurens F; van der Wall, Ernst
E; Schalij, Martin J; Bax, Jeroen J.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1312.

Automated cardiac motion compensation in PET/CT for accurate reconstruction of PET
myocardial perfusion images.

Khurshid K; McGough RJ; Berger K.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Physics in Medicine & Biology. 53(20):5705-18, 2008 Oct 21.

[Evaluation Study. Journal Article]

UI: 18812649

Authors Full Name

Khurshid, Khawar; McGough, Robert J; Berger, Kevin.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1313.

Heart rate variability in myocardial ischemic periods.

Peng Y; Xu L; Wang X.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily IEEE Engineering in Medicine & Biology Magazine. 27(5):14-9, 2008 Sep-Oct.

[Evaluation Study. Journal Article. Research Support, Non-U.S. Gov't]

UI: 18799385

Authors Full Name

Peng, Yi; Xu, Liang; Wang, Xing.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1314.

An improved algorithm for femoropopliteal artery centerline restoration using prior knowledge of shapes and image space data.

Rakshe T; Fleischmann D; Rosenberg J; Roos JE; Straka M; Napel S.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Physics. 35(7):3372-82, 2008 Jul.

[Journal Article. Research Support, N.I.H., Extramural. Research Support, Non-U.S. Gov't]

UI: 18697561

Authors Full Name

Rakshe, Tejas; Fleischmann, Dominik; Rosenberg, Jarrett; Roos, Justus E; Straka, Matus; Napel, Sandy.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1315.

Robust semi-automated path extraction for visualising stenosis of the coronary arteries.

Mueller D; Maeder A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computerized Medical Imaging & Graphics. 32(6):463-75, 2008 Sep.

[Journal Article]

UI: 18603408

Authors Full Name

Mueller, Daniel; Maeder, Anthony.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1316.

Isoform-specific variation in the intrinsic disorder of troponin I.

Hoffman RM; Sykes BD.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Proteins. 73(2):338-50, 2008 Nov 01.

[Journal Article. Research Support, N.I.H., Extramural. Research Support, Non-U.S. Gov't]

UI: 18433059

Authors Full Name

Hoffman, Ryan M B; Sykes, Brian D.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1317.

A novel segmentation method using multiresolution analysis with 3D visualization for X-ray coronary angiogram images.

Nirmaladevi S; Lavanya P; Kumaravel N.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Medical Engineering & Technology. 32(3):235-44, 2008 May-Jun.

[Evaluation Study. Journal Article]

UI: 18432472

Authors Full Name

Nirmaladevi, S; Lavanya, P; Kumaravel, N.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1318.

Automatic detection and imaging of ischemic changes during electrocardiogram monitoring.

Zizzo C; Hassani A; Turner D.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
IEEE Transactions on Biomedical Engineering. 55(3):1243-7, 2008 Mar.

[Evaluation Study. Journal Article. Research Support, Non-U.S. Gov't]

UI: 18334423

Authors Full Name

Zizzo, Claudio; Hassani, Aimen; Turner, Delphine.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1319.

An expert system based on principal component analysis, artificial immune system and fuzzy k-
NN for diagnosis of valvular heart diseases.

Sengur A.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Computers in Biology & Medicine. 38(3):329-38, 2008 Mar.

[Journal Article]

UI: 18177849

Authors Full Name

Sengur, Abdulkadir.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1320.

Comparison of multidetector 64-slice computed tomographic angiography to coronary angiography to assess the patency of coronary artery bypass grafts.

Jabara R; Chronos N; Klein L; Eisenberg S; Allen R; Bradford S; Frohwein S.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily American Journal of Cardiology. 99(11):1529-34, 2007 Jun 01.

[Comparative Study. Evaluation Study. Journal Article]

UI: 17531575

Authors Full Name

Jabara, Refat; Chronos, Nicolas; Klein, Larry; Eisenberg, Steven; Allen, Rebecca; Bradford, Shannon; Frohwein, Stephen.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1321.

Detection of coronary calcifications from computed tomography scans for automated risk assessment of coronary artery disease.

Isgum I; Rutten A; Prokop M; van Ginneken B.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Physics. 34(4):1450-61, 2007 Apr.

[Evaluation Study. Journal Article. Validation Study]

UI: 17500476

Authors Full Name

Isgum, Ivana; Rutten, Annemarieke; Prokop, Mathias; van Ginneken, Bram.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1322.

Assessment of cardiac asynchrony by radionuclide phase analysis: correlation with ventricular function in patients with narrow or prolonged QRS interval.

Marcassa C; Campini R; Verna E; Ceriani L; Giannuzzi P.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily European Journal of Heart Failure. 9(5):484-90, 2007 May.

[Journal Article]

UI: 17347038

Authors Full Name

Marcassa, Claudio; Campini, R; Verna, Edoardo; Ceriani, Luca; Giannuzzi, Pantaleo.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1323.

Effectiveness of prehospital wireless transmission of electrocardiograms to a cardiologist via hand-held device for patients with acute myocardial infarction (from the Timely Intervention in Myocardial Emergency, NorthEast Experience [TIME-NE]).

Adams GL; Campbell PT; Adams JM; Strauss DG; Wall K; Patterson J; Shuping KB; Maynard C; Young D; Corey C; Thompson A; Lee BA; Wagner GS.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily American Journal of Cardiology. 98(9):1160-4, 2006 Nov 01.

[Comparative Study. Journal Article. Research Support, Non-U.S. Gov't]

UI: 17056318

Authors Full Name

Adams, George L; Campbell, Paul T; Adams, John M; Strauss, David G; Wall, Karen; Patterson, Janet; Shuping, Kathy B; Maynard, Charles; Young, Dwayne; Corey, Craig; Thompson, Alan; Lee, Benjamin A; Wagner, Galen S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1324.

Subendocardial versus transmural ischaemia in myocardial perfusion SPECT--a Monte Carlo study.

Bartosik J; El-Ali HH; Nilsson U; Dahlstrom J; Edenbrandt L; Ljungberg M.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Clinical Physiology & Functional Imaging. 26(6):343-50, 2006 Nov.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 17042900

Authors Full Name

Bartosik, Jolanta; El-Ali, Henrik Hussein; Nilsson, Ulf; Dahlstrom, Jan; Edenbrandt, Lars; Ljungberg, Michael.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1325.

Determinants of ischemic mitral regurgitation in patients with chronic anterior wall myocardial infarction: a real time three-dimensional echocardiography study.

Song JM; Qin JX; Kongsarepong V; Shiota M; Agler DA; Smedira NG; McCarthy PM; Marc Gillinov A; Thomas JD; Shiota T.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Echocardiography. 23(8):650-7, 2006 Sep.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 16970716

Authors Full Name

Song, Jong-Min; Qin, Jian Xin; Kongsarepong, Vorachai; Shiota, Maiko; Agler, Deborah A; Smedira, Nicholas G; McCarthy, Patrick M; Marc Gillinov, A; Thomas, James D; Shiota, Takahiro.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1326.

An association rule mining-based methodology for automated detection of ischemic ECG beats.
Exarchos TP; Papaloukas C; Fotiadis DI; Michalis LK.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
IEEE Transactions on Biomedical Engineering. 53(8):1531-40, 2006 Aug.
[Journal Article. Research Support, Non-U.S. Gov't]
UI: 16916087
Authors Full Name
Exarchos, Themis P; Papaloukas, Costas; Fotiadis, Dimitrios I; Michalis, Lampros K.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1327.

Reperused myocardial infarction in mice: 3D mapping of late gadolinium enhancement and strain.
Young AA; French BA; Yang Z; Cowan BR; Gilson WD; Berr SS; Kramer CM; Epstein FH.
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Journal of Cardiovascular Magnetic Resonance. 8(5):685-92, 2006.
[Journal Article. Research Support, N.I.H., Extramural. Research Support, Non-U.S. Gov't]
UI: 16891227
Authors Full Name
Young, Alistair A; French, Brent A; Yang, Zequan; Cowan, Brett R; Gilson, Wesley D; Berr, Stuart S; Kramer, Christopher M; Epstein, Frederick H.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1328.

Localizing calcifications in cardiac CT data sets using a new vessel segmentation approach.

Wesarg S; Khan MF; Firle EA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Digital Imaging. 19(3):249-57, 2006 Sep.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 16741661

Authors Full Name

Wesarg, Stefan; Khan, M Fawad; Firle, Evelyn A.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1329.

Decision support for the initial triage of patients with acute coronary syndromes.

Olsson SE; Ohlsson M; Ohlin H; Dzaferagic S; Nilsson ML; Sandkull P; Edenbrandt L.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Clinical Physiology & Functional Imaging. 26(3):151-6, 2006 May.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 16640509

Authors Full Name

Olsson, Sven-Erik; Ohlsson, Mattias; Ohlin, Hans; Dzaferagic, Samir; Nilsson, Marie-Louise; Sandkull, Per; Edenbrandt, Lars.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1330.

Automated quantification of the spatial extent of perfusion defects and viability on myocardial contrast echocardiography.

Micari A; Sklenar J; Belcik TA; Kaul S; Lindner JR.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of the American Society of Echocardiography. 19(4):379-85, 2006 Apr.

[Journal Article. Research Support, N.I.H., Extramural]

UI: 16581476

Authors Full Name

Micari, Antonio; Sklenar, Jiri; Belcik, Todd A; Kaul, Sanjiv; Lindner, Jonathan R.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1331.

Plaque and stent artifact reduction in subtraction CT angiography using nonrigid registration and a volume penalty.

Loeckx D; Drisis S; Maes F; Vandermeulen D; Marchal G; Suetens P.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Medical Image Computing & Computer-Assisted Intervention: MICCAI. 8(Pt 2):361-8, 2005.

[Evaluation Study. Journal Article. Research Support, Non-U.S. Gov't]

UI: 16685980

Authors Full Name

Loeckx, Dirk; Drisis, Stylianos; Maes, Frederik; Vandermeulen, Dirk; Marchal, Guy; Suetens, Paul.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1332.

Three-dimensional coronary reconstruction from routine single-plane coronary angiograms: in vivo quantitative validation.

Dvir D; Marom H; Guetta V; Kornowski R.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily International Journal of Cardiovascular Interventions. 7(3):141-5, 2005.

[Comparative Study. Evaluation Study. Journal Article. Validation Study]

UI: 16243736

Authors Full Name

Dvir, Danny; Marom, Hadar; Guetta, Victor; Kornowski, Ran.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1333.

High-resolution real-time spiral MRI for guiding vascular interventions in a rabbit model at 1.5 T.

Terashima M; Hyon M; de la Pena-Almaguer E; Yang PC; Hu BS; Nayak KS; Pauly JM; McConnell MV.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Magnetic Resonance Imaging. 22(5):687-90, 2005 Nov.

[Evaluation Study. Journal Article. Research Support, N.I.H., Extramural. Research Support, Non-U.S. Gov't]

UI: 16217745

Authors Full Name

Terashima, Masahiro; Hyon, MinSu; de la Pena-Almaguer, Erasmo; Yang, Phillip C; Hu, Bob S; Nayak, Krishna S; Pauly, John M; McConnell, Michael V.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1334.

Frequency-plane analysis of normal and pathological ECG signals for disease identification.

Mitra S; Mitra M; Chaudhuri BB.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of Medical Engineering & Technology. 29(5):219-27, 2005 Sep-Oct.

[Controlled Clinical Trial. Journal Article. Research Support, Non-U.S. Gov't]

UI: 16126582

Authors Full Name

Mitra, S; Mitra, M; Chaudhuri, B B.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1335.

Enhancement of infrared spectral images for maximizing chemical information by minimizing baseline interferences.

Bu D; Huffman SW; Seelenbinder JA; Brown CW.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Applied Spectroscopy. 59(5):575-83, 2005 May.

[Comparative Study. Evaluation Study. Journal Article. Research Support, U.S. Gov't, Non-P.H.S.]

UI: 15969802

Authors Full Name

Bu, Dongsheng; Huffman, Scott W; Seelenbinder, John A; Brown, Chris W.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1336.

Detection of left ventricle systolic dysfunction from shape deformity.

Manivannan J; Reddy MR; Thanikachalam S; Kumar RA.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Australasian Physical & Engineering Sciences in Medicine. 28(1):51-5, 2005 Mar.

[Comparative Study. Evaluation Study. Journal Article]

UI: 15920990

Authors Full Name

Manivannan, J; Reddy, M Ramasubba; Thanikachalam, S; Kumar, R Ajay.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1337.

Validation of a thermographic guidewire for endoluminal mapping of atherosclerotic disease: an in vitro study.

Courtney BK; Nakamura M; Tsugita R; Lilly R; Basisht R; Grube E; Honda Y; Yock PG; Fitzgerald PJ.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Catheterization & Cardiovascular Interventions. 62(2):221-9, 2004 Jun.

[Comparative Study. Journal Article. Validation Study]

UI: 15170716

Authors Full Name

Courtney, Brian K; Nakamura, Mamoo; Tsugita, Ross; Lilly, Rick; Basisht, Rachna; Grube, Eberhard; Honda, Yasuhiro; Yock, Paul G; Fitzgerald, Peter J.

Link to the Ovid Full Text or citation:

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Link to the External Link Resolver:

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1338.

Comparison of diagnostic quality of motion picture experts group-2 digital video with super VHS videotape for echocardiographic imaging.

Harris KM; Schum KR; Knickelbine T; Hurrell DG; Koehler JL; Longe TF.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Journal of the American Society of Echocardiography. 16(8):880-3, 2003 Aug.

[Comparative Study. Journal Article]

UI: 12878998

Authors Full Name

Harris, Kevin M; Schum, Kevin R; Knickelbine, Thomas; Hurrell, David G; Koehler, Jodi L; Longe, Terrence F.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1339.

Managing uncertainty in diagnosis of acute coronaric ischemia.

Baroni P; Guida G; Zanella M.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Artificial Intelligence in Medicine. 23(2):129-47, 2001 Oct.

[Journal Article]

UI: 11583922

Authors Full Name

Baroni, P; Guida, G; Zanella, M.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1340.

Flexible guideline-based patient careflow systems.

Quaglini S; Stefanelli M; Lanzola G; Caporusso V; Panzarasa S.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Artificial Intelligence in Medicine. 22(1):65-80, 2001 Apr.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 11259884

Authors Full Name

Quaglini, S; Stefanelli, M; Lanzola, G; Caporusso, V; Panzarasa, S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1341.

A fuzzy approach to computer-assisted myocardial ischemia diagnosis.

Zahan S.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Artificial Intelligence in Medicine. 21(1-3):271-5, 2001 Jan-Mar.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 11154896

Authors Full Name

Zahan, S.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1342.

[Signal analysis of the hemodynamics of extracorporeal circulation for the evaluation of patient status]. [Review] [11 refs] [German] Signalanalyse in der Hamodynamik der extrakorporalen Zirkulation zur Beurteilung des Patientenstatus. <Signalanalyse in der Hamodynamik der extrakorporalen Zirkulation zur Beurteilung des Patientenstatus.>

Schwarzhaupt A; Torkzadeh DD; Kiencke U.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Biomedizinische Technik. 44(5):120-8, 1999 May.

[English Abstract. Journal Article. Review]

UI: 10413985

Authors Full Name

Schwarzhaupt, A; Torkzadeh, D D; Kiencke, U.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1343.

Using automated analysis of the resting twelve-lead ECG to identify patients at risk of developing transient myocardial ischaemia--an application of an adaptive logic network.

Polak MJ; Zhou SH; Rautaharju PM; Armstrong WW; Chaitman BR.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Physiological Measurement. 18(4):317-25, 1997 Nov.

[Clinical Trial. Journal Article]

UI: 9413865

Authors Full Name

Polak, M J; Zhou, S H; Rautaharju, P M; Armstrong, W W; Chaitman, B R.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1344.

Temporal reasoning for diagnosis in a causal probabilistic knowledge base.

Long W.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Artificial Intelligence in Medicine. 8(3):193-215, 1996 Jul.

[Journal Article. Research Support, U.S. Gov't, P.H.S.]

UI: 8830922

Authors Full Name

Long, W.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1345.

NMRES: an artificial intelligence expert system for quantification of cardiac metabolites from 31phosphorus nuclear magnetic resonance spectroscopy.

Chow JL; Levitt KN; Kost GJ.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Annals of Biomedical Engineering. 21(3):247-58, 1993 May-Jun.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 8328724

Authors Full Name

Chow, J L; Levitt, K N; Kost, G J.

Link to the Ovid Full Text or citation:

[Click here for full text options](#)

Link to the External Link Resolver:

[SFX Link](#)

1346.

Model-driven visualization of coronary arteries.

Herman GT; Axel L; Bajcsy R; Kundel H; LeVeen R; Udupa JK; Wolf G.

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily
Radiation Medicine. 1(2):112-6, 1983 Apr-Jun.

[Journal Article. Research Support, U.S. Gov't, P.H.S.]

UI: 6679903

Authors Full Name

Herman, G T; Axel, L; Bajcsy, R; Kundel, H; LeVeen, R; Udupa, J K; Wolf, G.

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Link to the External Link Resolver:

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