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JMAI

Journal of Medical Artificial Intelligence

JMAI 2024 ANNUAL REPORT

jmai@amegroups.org

JMAI JOURNAL OF MEDICAL ARTIFICIAL INTELLIGENCE
AN OPEN ACCESS JOURNAL FOCUS ON MEDICAL ARTIFICIAL INTELLIGENCE
AME Publishing Company

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JMAI Journal of Medical Artificial Intelligence
An Open Access Journal Focus on Medical Artificial Intelligence
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1. BASIC INFORMATION

- *Journal of Medical Artificial Intelligence* (JMAI, J Med Artif Intell)
- **Open access**
- **Peer-reviewed**
- Launched in Apr. 2018
- Indexed and covered by **Scopus**

Journal of Medical Artificial Intelligence (JMAI) publishes articles from a wide variety of new research and innovative ideas in medical artificial intelligence. It includes but not limited to, AI in bio- and clinical medicine, machine learning based decision support, robotic surgery, data analytics and mining, laboratory information systems and AI in medical education.

With a focus on interdisciplinary perspectives concerning medical AI topics, JMAI aims to open new grounds for researchers to showcase the latest issues in the field.

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2. EDITORS-IN-CHIEF

Joshua Ong, MD

Department of Ophthalmology and Visual Sciences, University of Michigan Kellogg Eye Center, Ann Arbor, Michigan, USA

Ebraham Alskaf, MD

School of Biomedical Engineering and Imaging Sciences, King's College London, UK

Dejian Wang, D.Eng

Medical Artificial Intelligence Laboratory, Binjiang Institute, Zhejiang University; Healink Technology Co., Ltd., Hangzhou, China

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3. Associate EDITOR-IN-CHIEF

Lucas Lacerda de Souza, DDS, MSc

Department of Oral Diagnosis, Piracicaba Dental School, University of Campinas, Piracicaba, SP, Brazil

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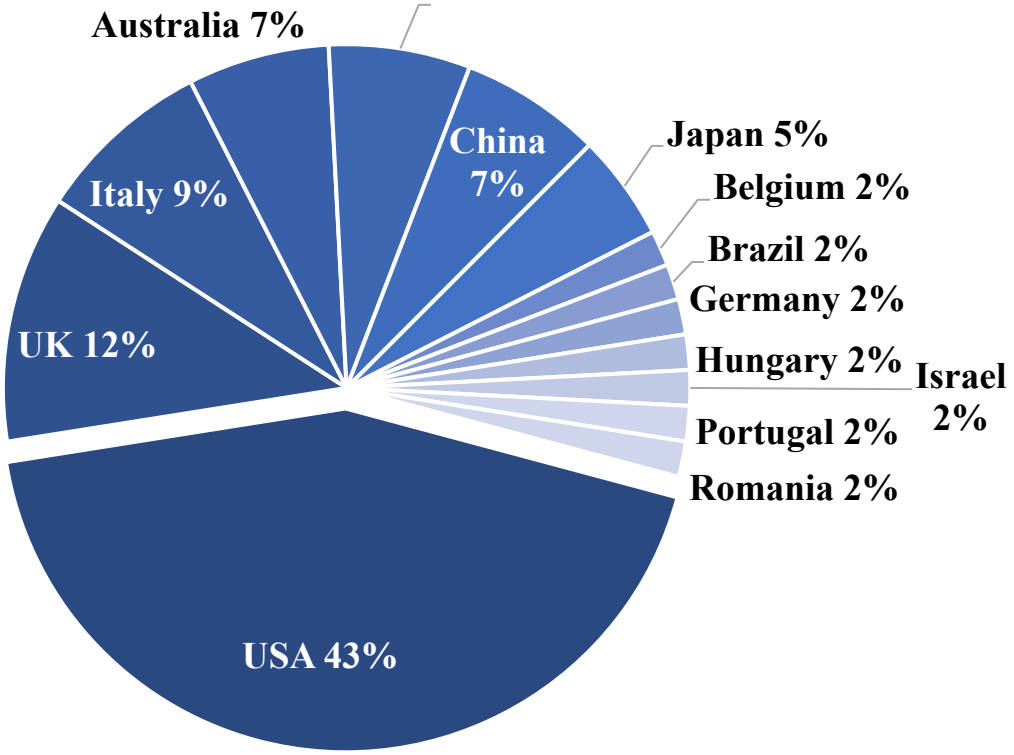
4. DISTRIBUTION OF EDITORIAL BOARD IN 2024



A total of **59** Members from **13** countries on board, including:

3 Editor-in-Chief
1 Associate Editor-in-Chief
55 Editorial Board Members

Updated on Jan 3, 2025

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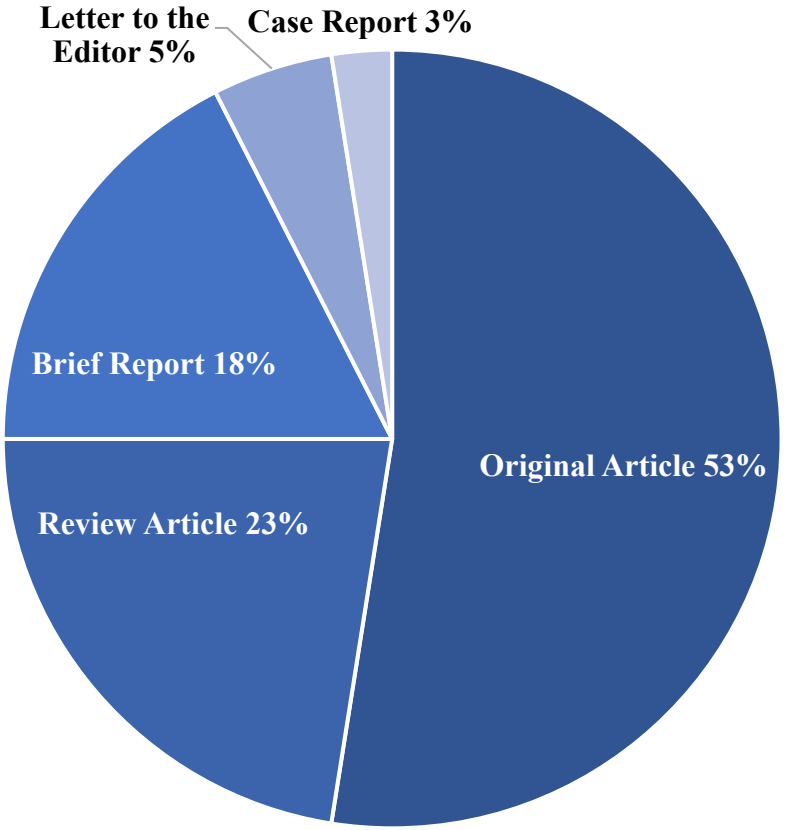
5. DIVERSE TYPES OF ARTICLRS PUBLISHED IN 2024



In 2024, JMAI published altogether **40** articles.

Among them, there are **21** Original Articles, **9** Review Articles, **7** Brief Report, **2** Letter to the Editor and **1** Case Report.

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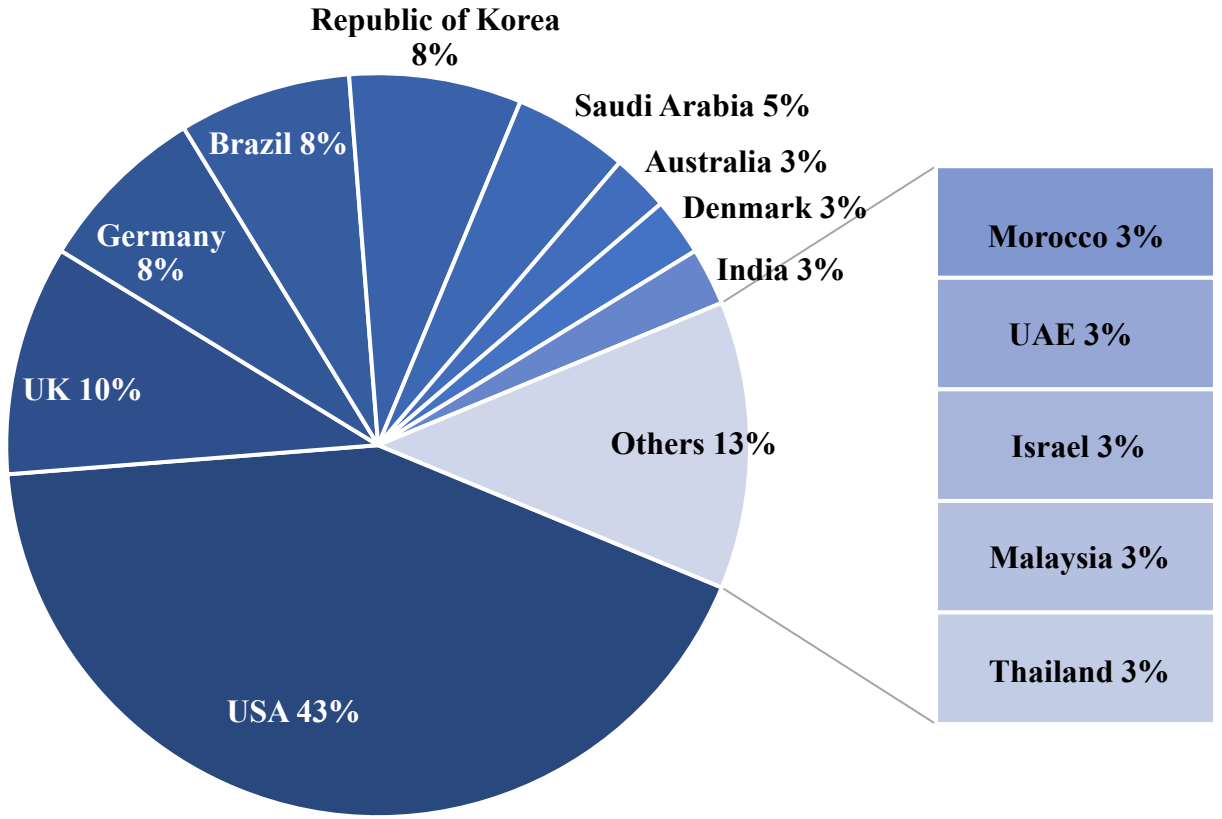
6. DISTRIBUTION OF CORRESPONDING AUTHORS IN 2024



Corresponding authors of the **40 articles** published in JMAI come from **14 countries**, with **43%** of them from **the USA**, followed by **UK, Germany** and **Brazil**, etc. Updated on Jan 3, 2025.

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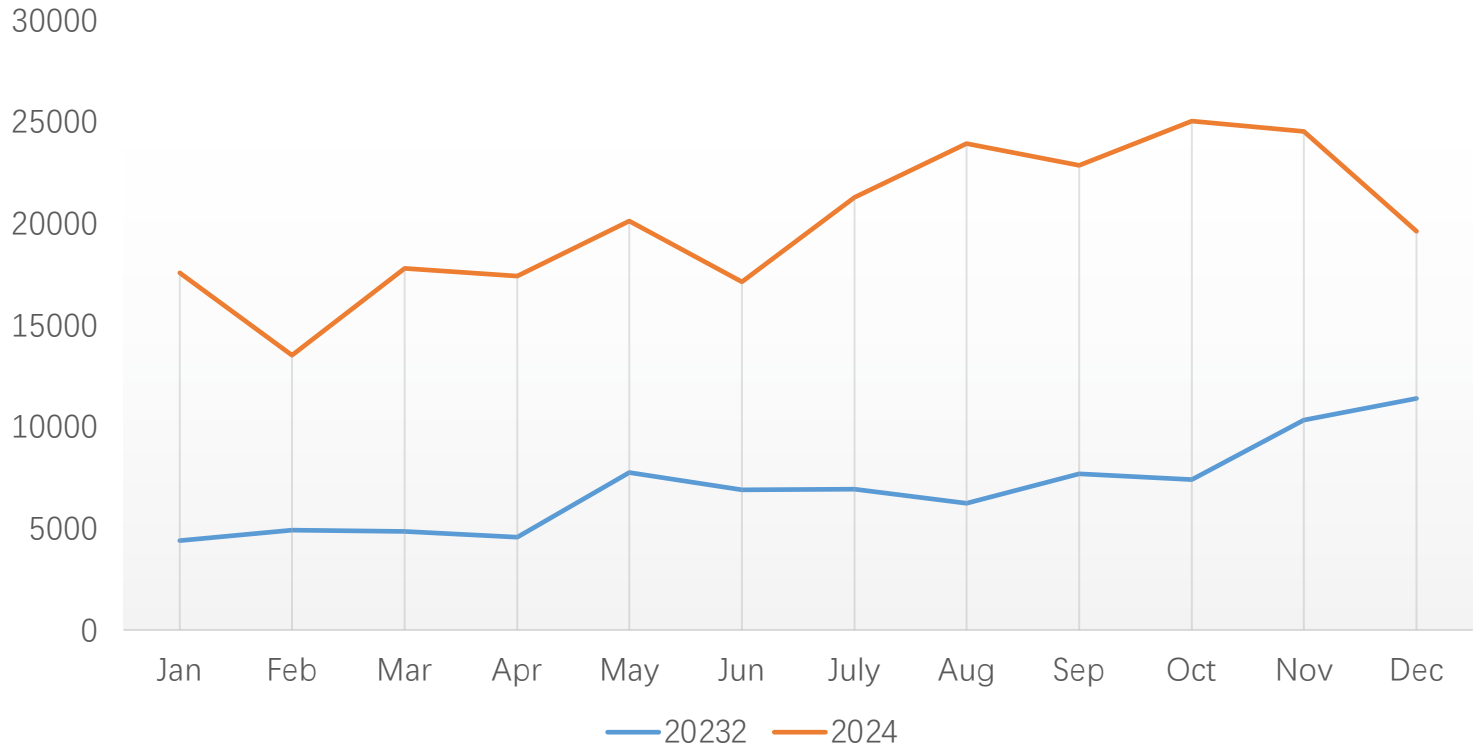
7. WEBSITE VISITS IN 2024

1	United States	11,211
2	India	6,862
3	United Kingdom	2,235
4	China	1,761
5	Germany	1,403
6	Canada	1,324
7	South Korea	1,188
8	Indonesia	1,154
9	Australia	938
10	Italy	926

From Jan. 1 to Dec. 31, 2024, there are altogether **49,446** users with a total of **240,905** page views. Readers who visited JMAI website were from 190 regions and countries, with the majority from the USA, followed by India and United Kingdom.

Data were collected from Google Analytics. Updated on Jan 3, 2025.

8. PAGE VIEWS IN 2023 - 2024



The page views of JMAI in 2024 kept high above the record when comparing to that of 2023, with a general upward tendency

Data were collected from Google Analytics. Updated on Jan 3, 2025.

9. MOST READ ARTICLES PUBLISHED IN 2024

Type	Title	Corresponding Author(s)
Review Article	Artificial intelligence in periodontology and implantology—a narrative review	Safiya Fatima Khan
Review Article	Heart disease detection using machine learning methods: a comprehensive narrative review	Mohammadreza Hajiarbabi
Brief Report	Artificial intelligence in medicine	Ibrahim Kamel
Review Article	Skin health response to climate change weather tailored cosmetics using artificial intelligence	Ki Han Kwon
Original Article	Skin cancer classification using vision transformers and explainable artificial intelligence	Getamesay Haile Dagnaw
Original Article	Fine-tuning for accuracy: evaluation of Generative Pretrained Transformer (GPT) for automatic assignment of International Classification of Disease (ICD) codes to clinical documentation	Khalid Nawab
Original Article	A Comparative assessment of ChatGPT *vs*. Google Translate for the translation of patient instructions	Pavithra Rao
Original Article	Comparison of machine learning models for predicting 30-day readmission rates for patients with diabetes	Vincent B. Liu
Original Article	Comprehensive guide and checklist for clinicians to evaluate artificial intelligence and machine learning methodological research	Don Roosan

The data were collected from https://jmai.amegroups.org/article/mostRead?queryYear=2024. Updated on Jan 3, 2025.

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10. REVIEWER OF THE MONTH (2024)

In 2024, many JMAI reviewers made outstanding contributions to the peer review process. They demonstrated professional effort and enthusiasm in their reviews and provided comments that genuinely help the authors to enhance their work.

Hereby, we would like to highlight some of our outstanding reviewers, with a brief interview of their thoughts and insights as a reviewer. Allow us to express our heartfelt gratitude for their tremendous effort and valuable contributions to the scientific process. For more information, please visit https://jmai.amegroups.org/post/view/reviewer-of-the-month-2024.

February, 2024
Daniel J Campbell, Thomas Jefferson University, USA

March, 2024
Marco Bombieri, University of Verona, Italy

April, 2024
Steven Smoke, Newark Beth Israel Medical Center, USA

May, 2024
Daniel J. Rubin, Temple University, USA

June, 2024
Valentina Roquemen-Echeverri, Oregon Health & Science University, USA

July, 2024
Thomas F. Heston, Washington State University, USA

August, 2024
Jonathan Soldera, University of South Wales, UK

October, 2024
Sunny Chi Lik Au, Medical Council of Hong Kong, China

November, 2024
Marta Pulido, University of Barcelona, Spain

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11. INTERVIEWS WITH OUTSTANDING AUTHORS (2024)

In 2024, many JMAI authors made outstanding contributions to our journal. Their articles published with us have received very well feedback in the field and stimulated a lot of discussions and new insights among their peers.

Hereby, we would like to highlight some of our outstanding authors who have been making immense efforts in their research fields, with a brief interview of their unique perspectives and insightful views as authors. For more information, please visit https://jmai.amegroups.org/post/view/interviews-with-outstanding-authors-2024.

Outstanding Authors (2024)

Ibrahim Kamel, Steward Carney Hospital, USA

Bushra Zaman, Utah State University, USA

M. Zakaria Kurdi, University of Lynchburg, USA

Pavithra Rao, Oregon Health and Science University, USA

Anne Sophie Overgaard Olesen, Copenhagen University Hospital, Denmark

Sofian Saidi, Higher College of Technologies in Sharjah, UAE

Simon Tobias Winkler, Reutlingen Research Institute of Reutlingen University, Germany

Helana Lutfi, Deggendorf Institute of Technology-European Campus Rottal-Inn, Germany

Kleython José C. C. de Lacerda, University of São Paulo, Brazil

Thomas F. Byrd IV, The University of Minnesota, USA

Vincent B. Liu, The University of California, Los Angeles (UCLA), USA

Desy Nuryunarsih, Newcastle University, UK

Lennard Y. W. Lee, University of Oxford, UK

Victor Chigbundu Nwaiwu, Lincoln University College, Malaysia

12. INTRODUCTION TO THE PUBLISHER AME

Meet Our Publisher:
AME Publishing Company

- Established in 2009
- Registered in Hong Kong
- 10 offices around the world

- 60+ peer-reviewed journals
- **34 indexed in Web of Science (SCIE/ESCI)**
- **21 indexed in PubMed/PMC/MEDLINE**

- **200+ Medical Books**
- **80+ Medical Books in English**
- **120+ Medical Books in Chinese**
- **150+ Electronic Editions**

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THANK YOU!