



Figure S1 6 largest clusters (A-F) of author collaboration networks.

Table S1 Methodology of the analysis

Criterion	Description
Timeframe	2019–2024
Database	Web of Science Core Collection
Language	English
Document type	Articles and review articles
Search query	(TI=(3D) OR TI=(three-dimensional) OR AB=(3D) OR AB=(three-dimensional) OR AK=(3D) OR AK=(three-dimensional)) AND (TI=(prostatectomy OR prostatectomies) OR AB=(prostatectomy OR prostatectomies) OR AK=(prostatectomy OR prostatectomies))

Table S2 Synonyms used in CiteSpace

Term	Synonym
3 t mri	3 t
3 t mri	3 tesla
3 t mri	3t
3 t mri	mr 3 t magnet
3d conformal radiotherapy	3d conformal
3d conformal radiotherapy	3d conformal dose escalation
3d conformal radiotherapy	three-dimensional conformal radiation therapy
3d conformal radiotherapy	three-dimensional conformal radiotherapy
3d model	3d modeling
3d model	3d models
3d model	three-dimensional model
3d ultrasound	3 dimensional ultrasound
3d ultrasound	3-dimensional ultrasound

Table S2 (continued)

Table S2 (continued)

Term	Synonym
3d ultrasound	3d ultrasound imaging
3d ultrasound	three-dimensional sonography
3d ultrasound	three-dimensional ultrasonography
3d ultrasound	three-dimensional ultrasound
adjuvant radiotherapy	adjuvant radiation therapy
adjuvant radiotherapy	adjuvant radiation-therapy
agent	agents
algorithm	algorithms
applicator	applicators
arfi imaging	arfi
benign prostatic hyperplasia	benign prostatic hyperplasia (bph)
biochemical recurrence	biochemical relapse
blood flow	blood-flow
cancer	carcinoma
case report	case reports
cavernous nerve	cavernous nerves
cell line	cell lines
clinical significance	clinical-significance
clinical trial	clinical-trial
coil	coils
conformal radiotherapy	conformal radiation therapy
conformal radiotherapy	conformal radiation-therapy
contrast enhanced mri	contrast-enhanced mri
contrast enhancement	contrast-enhanced ultrasound
core	cores
cost	costs
cost-effectiveness	cost effectiveness
ct	computed tomography
ct	computed-tomography
ct	computerised tomography
culture	cultures
da vinci robotic surgery	da vinci robotic system
da vinci robotic surgery	da-vinci
diffusion-weighted imaging	diffusion weighted imaging
diffusion-weighted mri	diffusion weighted mri
disease-free survival	disease free survival
dominant intraprostatic lesion	dominant intraprostatic lesions
dose escalation	dose-escalation
dose escalation trial	dose-escalation trial
dose volume histogram	dose volume histograms
erectile dysfunction	erectile disfunction
external beam radiotherapy	external beam irradiation
external beam radiotherapy	external beam radiation
external beam radiotherapy	external beam radiation therapy
external beam radiotherapy	external radiotherapy
external beam radiotherapy	external-beam radiation therapy
external beam radiotherapy	external-beam radiotherapy
failure-free survival	failure free survival
fusion biopsy	fusion guided biopsy
ga 68 psma	ga 68 psma pet/ct
growth factor receptor	growth-factor receptor
hormonal-therapy	hormonal therapy
hormonal-therapy	hormone-therapy
image-guided radiotherapy	image guided radiotherapy
image-guided radiotherapy	image-guided radiation therapy
image-guided radiotherapy	image-guided radiation therapy (igo)

Table S2 (continued)

Table S2 (continued)

Term	Synonym
image-guided radiotherapy	image-guided radiotherapy (igrt)
image-guided surgery	image guided surgery
in vitro	in-vitro
in vivo	in-vivo
in vivo	in-vivo
institution	institutions
instrument	instruments
intensity modulated radiotherapy	intensity-modulated radiation therapy
intensity modulated radiotherapy	intensity-modulated radiotherapy
international society	international-society
isup consensus	isup consensus conference
learning curve	learning-curve
lymph node dissection	lymph-node dissection
model	models
mr spectroscopic imaging	magnetic resonance (mr) spectroscopy
mr spectroscopic imaging	magnetic resonance spectroscopic imaging
mr spectroscopic imaging	magnetic resonance spectroscopy
mr spectroscopic imaging	mr spectroscopy
mri	magnetic resonance (mr)
mri	magnetic resonance imaging
mri	magnetic resonance imaging (mri)
mri	mr
mri	mr images
mri	mr imaging
mri	mr-images
mri	magnetic resonance
multiparametric mri	multi parametric mri
multiparametric mri	multi-parametric mr imaging
multiparametric mri	multiparametric magnetic resonance
multiparametric mri	multiparametric magnetic resonance imaging
multiparametric mri	multiparametric-mri
mutual information	mutual-information
natural-history	natural history
needle biopsy	needle-biopsy
neural network	neural networks
neurovascular bundle	neurovascular bundles
neurovascular bundle	neurovascular bundles‐
pattern	patterns
phase ii trial	phase-ii
phase ii trial	phase-ii trial
phase iii trial	phase-3
phase iii trial	phase-3
phase iii trial	phase-3 trial
phase iii trial	phase-iii
phase iii trial	phase-iii trial
pi-rads	pi rads
positive surgical margin	positive margin
positive surgical margin	positive surgical margins
positron emission tomography	positron-emission tomography
postoperative radiotherapy	post-operative radiotherapy
postoperative radiotherapy	post-prostatectomy radiotherapy
postoperative radiotherapy	postoperative irradiation
postoperative radiotherapy	post-prostatectomy radiotherapy
predict	predicts
predictor	predictors
prognostic factors	prognostic-factors

Table S2 (continued)

Table S2 (continued)

Term	Synonym
prostate cancer	prostate - neoplasms
prostate cancer	prostate cancers
prostate cancer	prostate carcinoma
prostate cancer	prostate neoplasms
prostate cancer	prostatic neoplasms
psa	prostate-specific antigen
psa	prostate-specific antigen (psa)
psma	prostate-specific membrane antigen
quality of life	quality-of-life
radiation oncology techniques	radiation oncology technologies
radiation therapy	radiation-therapy
radical prostatectomy	radical-prostatectomy
raman spectroscopy	raman-spectroscopy
randomized trial	randomized-trial
rate ir-192 brachytherapy	rate ir 192 brachytherapy
robot-assisted radical prostatectomy	assisted radical prostatectomy
robot-assisted radical prostatectomy	robot assisted radical
robot-assisted radical prostatectomy	robot assisted radical prostatectomy
robot-assisted radical prostatectomy	robot-assisted laparoscopic prostatectomy
robot-assisted radical prostatectomy	robot-assisted laparoscopic radical prostatectomy
robot-assisted radical prostatectomy	robot-assisted laparoscopic surgery
robot-assisted radical prostatectomy	robotic prostatectomy
robot-assisted radical prostatectomy	robotic radical prostatectomy
robot-assisted radical prostatectomy	robotic-assisted laparoscopic prostatectomy
robot-assisted radical prostatectomy	robotic-assisted laparoscopic surgery (ralp)
robot-assisted radical prostatectomy	robotic-assisted prostatectomy
robot-assisted radical prostatectomy	robotic-assisted radical prostatectomy
robot-assisted surgery	assisted surgery
robot-assisted surgery	robotic surgery
robot-assisted surgery	robotic surgical procedures
robot-assisted surgery	robotic-assisted surgery
robot-assisted surgery	robotics in surgery
salvage radiotherapy	salvage radiation therapy
salvage radiotherapy	salvage radiation therapy (srt)
seminal vesicle	seminal vesicles
seminal vesicle	seminal-vesicles
setup error	set-up error
stem cells	stem-cells
surgical technique	surgical techniques
symptom	symptoms
system	systems
three-dimensional model	three-dimensional models
tool	tools
transrectal ultrasound	transrectal ultrasonography
tumor	tumors
urethrovesical anastomosis	vesicourethral anastomosis
urological surgery	urological surgeries
virtual reality	virtual-reality
volume	volumes
whole pelvic radiotherapy	whole-pelvis irradiation
zone	zones

Table S3 Terms excluded in CiteSpace analysis

Excluded terms
@PHRASEconduct
@PHRASEhospitals

Table S4 Thesaurus file of author analysis

Label	Replace by
calandrino, r	calandrino, riccardo
cozzarini, c	cozzarini, cesare
de la rosette, jjmch	de la rosette, jean j. m. c. h.
fiorino, c	fiorino, claudio
raman, steven	raman, steven s.
reiter, robert	reiter, robert e.
sanda, mg	sanda, martin g.
sandler, hm	sandler, howard m.
tewari, a	tewari, ashutosh k.
tewari, ashutosh	tewari, ashutosh k.
van der poel, henk	van der poel, henk g.
van leenders, gjlh	van leenders, geert j. l. h.
wijkstra, h.	wijkstra, hessel
wijkstra, h	wijkstra, hessel
hricak, h	hricak, hedvig
murtola, teemu	murtola, teemu j.

Table S5 Thesaurus file of co-cited author analysis

Label	Replace by
ahmed, k	ahmed, ka
amin, m	amin, mb
aristovich, k	aristovich, ky
bahn, d	bahn, dk
banerjee, s	banerjee, sr
barentsz, j	barentsz, jo
barqawi, a	barqawi, ab
begley, l	begley, la
bernhard, j	bernhard, jc
bertolo, r	bertolo, rg
bhattacharya, i	bhattacharya, indrani
bianchi, l	bianchi, lorenzo
bloch, b	bloch, bn
blom, j	blom, jhm
blomley, mj	blomley, mjk
boccon-gibod, l	boccon-gibod, lm
bonekamp, d	bonekamp, david
borofsky, ms	borofsky, s
bourne, r	bourne, rm
brandeis, j	brandeis, jm
brooks, j	brooks, jd
buchholz, n	buchholz, nnp
cacciamani, g	cacciamani, ge
cadeddu, j	cadeddu, ja
campbell, s	campbell, sc
casciani, e	casciani, emanuele
catton, c	catton, charles
challacombe, b	challacombe, bj
cool, d	cool, dw
crook, j	crook, jm
de meerleer, g	de meerleer, go
de visschere, pj	de visschere, pjl
dearnaley, d	dearnaley, dp

Table S5 (continued)**Table S5** (continued)

Label	Replace by
diaz, a	diaz, aw
dimaio, s	dimaio, sp
donovan, j	donovan, jl
drake, jm	drake, mj
edge, s	edge, sb
emiliozzi, p	emiliozzi, paolo
epstein, j	epstein, ji
erickson, a	erickson, ba
fei, b	fei, bw
fleshner, n	fleshner, ne
fuchsjager, m	fuchsjager, michael
futterer, jj	futterer, jurgenj
gaur, s	gaur, sonia
ghazi, a	ghazi, ae
ghilezan, m	ghilezan, mj
ghose, s	ghose, soumya
gibson, e	gibson, eli
hanks, g	hanks, ge
hanlon, a	hanlon, al
harper, e	harper, me
hosmer, d	hosmer, dw
intuitive surgical, i	intuitive surgical, inc
jani, a	jani, ab
jemal, a	jemal, ahmedin
kawakami, s	kawakami, satoru
kestin, l	kestin, ll
klotz, l	klotz, lh
kroon, j	kroon, dj
krupski, t	krupski, tl
kuban, d	kuban, da
lendvay, t	lendvay, ts
lepor, h	lepor, herbert
lips, i	lips, im
liss, m	liss, ma
litjens, g	litjens, gjs
luyao, g	luyao, gl
malek, r	malek, rs
males, r	males, rg
mantel, n	mantel, nathan
martinez, a	martinez, aa
mcneal, j	mcneal, je
mehta, s	mehta, ss
mohareri, o	mohareri, omid
mohler, j	mohler, jl
moskalik, a	moskalik, ap
mottet, an	mottet, n
nath, s	nath, sk
navin, n	navin, ne
noguchi, m	noguchi, masanori
nyarangi-dix, j	nyarangi-dix, jn
onik, g	onik, gm
ophir, j	ophir, jonathan

Table S5 (continued)

Table S5 (*continued*)

Label	Replace by
parker, c	parker, cc
passerotti, c	passerotti, cc
patankar, s	patankar, sb
pepe, p	pepe, pietro
pieters, b	pieters, br
rassweiler, j	rassweiler, jj
renshaw, a	renshaw, aa
ritter, m	ritter, ma
roach, m	roach, miii
roethke, m	roethke, mc
salm, s	salm, sn
sammon, j	sammon, jd
sanda, m	sanda, mg
sarchi, l	sarchi, luca
schiff, j	schiff, jd
shiple, w	shiple, wu
simon, r	simon, rm
sotelo, r	sotelo, rj
swager, a	swager, af
syed, am	syed, amn
sylvester, j	sylvester, je
szegedy, c	szegedy, christian
te, a	te, ae
tong, s	tong, sd
ushenko, v	ushenko, va
ushenko, y	ushenko, ya
valicenti, r	valicenti, rk
van as, n	van as, nj
van der laak, j	van der laak, jawm
van velthoven, rf	van velthoven, rfp
villers, a	villers, aa
warde, p	warde, pr
wibmer, a	wibmer, ag
zietman, a	zietman, al

Table S6 Journal analysis

Journal	Rank	Frequency	Frequency percentage	Cumulative frequency	Zone	IF 2023
<i>BJU INTERNATIONAL</i>	1	25	5.67%	25	Zone 1	3.7
<i>EUROPEAN UROLOGY</i>	2	22	4.99%	47	Zone 1	25.3
<i>INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS</i>	3	15	3.40%	62	Zone 1	6.4
<i>UROLOGY</i>	4	14	3.17%	76	Zone 1	2.1
<i>JOURNAL OF ENDOUROLOGY</i>	5	13	2.95%	89	Zone 1	2.9
<i>RADIOTHERAPY AND ONCOLOGY</i>	6	13	2.95%	102	Zone 1	4.9
<i>AMERICAN JOURNAL OF ROENTGENOLOGY</i>	7	10	2.27%	112	Zone 1	4.7
<i>RADIOLOGY</i>	8	10	2.27%	122	Zone 1	12.1
<i>INTERNATIONAL JOURNAL OF UROLOGY</i>	9	9	2.04%	131	Zone 1	1.8
<i>WORLD JOURNAL OF UROLOGY</i>	10	9	2.04%	140	Zone 1	2.8
<i>JOURNAL OF UROLOGY</i>	11	8	1.81%	148	Zone 1	5.9
<i>MEDICAL PHYSICS</i>	12	8	1.81%	156	Zone 2	3.2
<i>PROSTATE</i>	13	8	1.81%	164	Zone 2	2.6
<i>CURRENT OPINION IN UROLOGY</i>	14	7	1.59%	171	Zone 2	2.1
<i>INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY</i>	15	7	1.59%	178	Zone 2	2.3
<i>JOURNAL OF MAGNETIC RESONANCE IMAGING</i>	16	7	1.59%	185	Zone 2	3.3
<i>ACADEMIC RADIOLOGY</i>	17	6	1.36%	191	Zone 2	3.8
<i>ANTICANCER RESEARCH</i>	18	6	1.36%	197	Zone 2	1.6
<i>PROSTATE CANCER AND PROSTATIC DISEASES</i>	19	6	1.36%	203	Zone 2	5.1
<i>ACTA ONCOLOGICA</i>	20	5	1.13%	208	Zone 2	2.7
<i>EUROPEAN RADIOLOGY</i>	21	5	1.13%	213	Zone 2	4.7
<i>FRONTIERS IN ONCOLOGY</i>	22	5	1.13%	218	Zone 2	3.5
<i>JOURNAL OF ROBOTIC SURGERY</i>	23	5	1.13%	223	Zone 2	2.2
<i>SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES</i>	24	5	1.13%	228	Zone 2	2.4
<i>ABDOMINAL RADIOLOGY</i>	25	4	0.91%	232	Zone 2	2.3
<i>CANCERS</i>	26	4	0.91%	236	Zone 2	4.5
<i>EUROPEAN JOURNAL OF RADIOLOGY</i>	27	4	0.91%	240	Zone 2	3.2
<i>INVESTIGATIVE RADIOLOGY</i>	28	4	0.91%	244	Zone 2	7
<i>JOURNAL OF CLINICAL ONCOLOGY</i>	29	4	0.91%	248	Zone 2	42.1
<i>LANCET ONCOLOGY</i>	30	4	0.91%	252	Zone 2	41.6
<i>MINERVA UROLOGICA E NEFROLOGICA</i>	31	4	0.91%	256	Zone 2	N/A
<i>PHYSICS IN MEDICINE AND BIOLOGY</i>	32	4	0.91%	260	Zone 2	3.3
<i>RADIATION ONCOLOGY</i>	33	4	0.91%	264	Zone 2	3.3
<i>ACTA RADIOLOGICA</i>	34	3	0.68%	267	Zone 2	1.1
<i>CANADIAN JOURNAL OF UROLOGY</i>	35	3	0.68%	270	Zone 2	1.2
<i>EUROPEAN UROLOGY FOCUS</i>	36	3	0.68%	273	Zone 2	4.8
<i>EUROPEAN UROLOGY OPEN SCIENCE</i>	37	3	0.68%	276	Zone 2	3.2
<i>IEEE TRANSACTIONS ON MEDICAL IMAGING</i>	38	3	0.68%	279	Zone 2	8.9
<i>JOURNAL OF BUON</i>	39	3	0.68%	282	Zone 2	N/A
<i>MEDICAL DOSIMETRY</i>	40	3	0.68%	285	Zone 2	1.1
<i>NMR IN BIOMEDICINE</i>	41	3	0.68%	288	Zone 2	2.7
<i>ONCOTARGET</i>	42	3	0.68%	291	Zone 2	N/A
<i>PLOS ONE</i>	43	3	0.68%	294	Zone 2	2.9
<i>SCIENTIFIC REPORTS</i>	44	3	0.68%	297	Zone 2	3.8
<i>STRAHLENTHERAPIE UND ONKOLOGIE</i>	45	3	0.68%	300	Zone 3	2.7
<i>UROLOGIA INTERNATIONALIS</i>	46	3	0.68%	303	Zone 3	1.5
<i>ABDOMINAL IMAGING</i>	47	2	0.45%	305	Zone 3	N/A
<i>AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS</i>	48	2	0.45%	307	Zone 3	1.6

Table S6 (continued)

Table S6 (continued)

Journal	Rank	Frequency	Frequency percentage	Cumulative frequency	Zone	IF 2023
ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE	49	2	0.45%	309	Zone 3	3.7
BRITISH JOURNAL OF RADIOLOGY	50	2	0.45%	311	Zone 3	1.8
CANCER	51	2	0.45%	313	Zone 3	6.1
CLINICAL ANATOMY	52	2	0.45%	315	Zone 3	2.3
CLINICAL ONCOLOGY	53	2	0.45%	317	Zone 3	3.2
COMPUTERIZED MEDICAL IMAGING AND GRAPHICS	54	2	0.45%	319	Zone 3	5.4
CURRENT ONCOLOGY	55	2	0.45%	321	Zone 3	2.8
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	56	2	0.45%	323	Zone 3	8.6
EUROPEAN UROLOGY ONCOLOGY	57	2	0.45%	325	Zone 3	8.3
EUROPEAN UROLOGY SUPPLEMENTS	58	2	0.45%	327	Zone 3	N/A
FRONTIERS IN SURGERY	59	2	0.45%	329	Zone 3	1.6
HISTOPATHOLOGY	60	2	0.45%	331	Zone 3	3.9
INSIGHTS INTO IMAGING	61	2	0.45%	333	Zone 3	4.1
JAPANESE JOURNAL OF RADIOLOGY	62	2	0.45%	335	Zone 3	2.9
JOURNAL OF BIOMEDICAL OPTICS	63	2	0.45%	337	Zone 3	3
JOURNAL OF RADIATION RESEARCH	64	2	0.45%	339	Zone 3	1.9
LIFE-BASEL	65	2	0.45%	341	Zone 3	3.2
MAGNETIC RESONANCE IN MEDICINE	66	2	0.45%	343	Zone 3	3
MEDICAL IMAGE ANALYSIS	67	2	0.45%	345	Zone 3	10.7
PROSTATE INTERNATIONAL	68	2	0.45%	347	Zone 3	2.7
RADIOGRAPHICS	69	2	0.45%	349	Zone 3	5.2
SCANDINAVIAN JOURNAL OF UROLOGY	70	2	0.45%	351	Zone 3	1.4
TECHNOLOGY IN CANCER RESEARCH & TREATMENT	71	2	0.45%	353	Zone 3	2.7
TRANSLATIONAL ONCOLOGY	72	2	0.45%	355	Zone 3	4.5
ULTRASOUND IN MEDICINE AND BIOLOGY	73	2	0.45%	357	Zone 3	2.4
ADVANCED HEALTHCARE MATERIALS	74	1	0.23%	358	Zone 3	10
ADVANCES IN THERAPY	75	1	0.23%	359	Zone 3	3.4
AMERICAN JOURNAL OF SURGICAL PATHOLOGY	76	1	0.23%	360	Zone 3	4.5
ANALYTICAL AND QUANTITATIVE CYTOLOGY AND HISTOLOGY	77	1	0.23%	361	Zone 3	N/A
ANALYTICAL CELLULAR PATHOLOGY	78	1	0.23%	362	Zone 3	2.6
ANNALI ITALIANI DI CHIRURGIA	79	1	0.23%	363	Zone 3	0.9
ANNALS OF ONCOLOGY	80	1	0.23%	364	Zone 3	56.7
APMIS	81	1	0.23%	365	Zone 3	2.2
BMC CANCER	82	1	0.23%	366	Zone 3	3.4
BMC UROLOGY	83	1	0.23%	367	Zone 3	1.7
CA-A CANCER JOURNAL FOR CLINICIANS	84	1	0.23%	368	Zone 3	503.1
CANCER IMAGING	85	1	0.23%	369	Zone 3	3.5
CANCER INVESTIGATION	86	1	0.23%	370	Zone 3	1.8
CANCER JOURNAL	87	1	0.23%	371	Zone 3	2.6
CANCER MEDICINE	88	1	0.23%	372	Zone 3	2.9
CANCER RADIOTHERAPY	89	1	0.23%	373	Zone 3	1.5
CANCER RESEARCH	90	1	0.23%	374	Zone 3	12.5
CLINICAL AND TRANSLATIONAL RADIATION ONCOLOGY	91	1	0.23%	375	Zone 3	2.7
CLINICAL CANCER RESEARCH	92	1	0.23%	376	Zone 3	10
CLINICAL GENITOURINARY CANCER	93	1	0.23%	377	Zone 3	2.3
CLINICAL RADIOLOGY	94	1	0.23%	378	Zone 3	2.1
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	95	1	0.23%	379	Zone 3	4.9
COMPUTERS & GRAPHICS-UK	96	1	0.23%	380	Zone 3	2.5

Table S6 (continued)

Table S6 (continued)

Journal	Rank	Frequency	Frequency percentage	Cumulative frequency	Zone	IF 2023
DIAGNOSTICS	97	1	0.23%	381	Zone 3	3
DRUG DELIVERY	98	1	0.23%	382	Zone 3	6.5
ECLINICALMEDICINE	99	1	0.23%	383	Zone 3	9.6
EJC SUPPLEMENTS	100	1	0.23%	384	Zone 3	N/A
EJNMMI RESEARCH	101	1	0.23%	385	Zone 3	3.1
EUROPEAN JOURNAL OF MEDICAL RESEARCH	102	1	0.23%	386	Zone 3	2.8
EXPERT REVIEW OF ANTICANCER THERAPY	103	1	0.23%	387	Zone 3	2.9
FRONTIERS IN ENDOCRINOLOGY	104	1	0.23%	388	Zone 3	3.9
FRONTIERS IN PEDIATRICS	105	1	0.23%	389	Zone 3	2.1
GENOME MEDICINE	106	1	0.23%	390	Zone 3	10.4
IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	107	1	0.23%	391	Zone 3	4.4
INDIAN JOURNAL OF SURGERY	108	1	0.23%	392	Zone 3	0.4
INTERNATIONAL BRAZ J UROL	109	1	0.23%	393	Zone 3	3.1
INTERNATIONAL JOURNAL OF CLINICAL ONCOLOGY	110	1	0.23%	394	Zone 3	2.4
INTERNATIONAL JOURNAL OF HYPERTHERMIA	111	1	0.23%	395	Zone 3	3
INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY	112	1	0.23%	396	Zone 3	2.3
INTERNATIONAL UROLOGY AND NEPHROLOGY	113	1	0.23%	397	Zone 3	1.8
ISRAEL MEDICAL ASSOCIATION JOURNAL	114	1	0.23%	398	Zone 3	1.8
JOURNAL OF APPLIED POLYMER SCIENCE	115	1	0.23%	399	Zone 3	2.7
JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME	116	1	0.23%	400	Zone 3	1.7
JOURNAL OF BIOPHOTONICS	117	1	0.23%	401	Zone 3	2
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY	118	1	0.23%	402	Zone 3	2.7
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE	119	1	0.23%	403	Zone 3	4.3
JOURNAL OF DIGITAL IMAGING	120	1	0.23%	404	Zone 3	2.9
JOURNAL OF HISTOCHEMISTRY & CYTOCHEMISTRY	121	1	0.23%	405	Zone 3	1.9
JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES	122	1	0.23%	406	Zone 3	1.1
JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY	123	1	0.23%	407	Zone 3	0.8
JOURNAL OF MEDICAL IMAGING AND RADIATION ONCOLOGY	124	1	0.23%	408	Zone 3	2.2
JOURNAL OF MENS HEALTH	125	1	0.23%	409	Zone 3	0.6
JOURNAL OF MINIMAL ACCESS SURGERY	126	1	0.23%	410	Zone 3	1
JOURNAL OF PATHOLOGY	127	1	0.23%	411	Zone 3	5.6
JOURNAL OF PERSONALIZED MEDICINE	128	1	0.23%	412	Zone 3	3
JOURNAL OF SEXUAL MEDICINE	129	1	0.23%	413	Zone 3	3.3
JOURNAL OF ULTRASOUND IN MEDICINE	130	1	0.23%	414	Zone 3	2.1
JOURNAL OF X-RAY SCIENCE AND TECHNOLOGY	131	1	0.23%	415	Zone 3	1.7
LANGENBECKS ARCHIVES OF SURGERY	132	1	0.23%	416	Zone 3	2.1
MEDICAL IMAGE COMPUTING AND COMPUTER-ASSISTED INTERVENTION - MICCAI 2004, PT 2, PROCEEDINGS	133	1	0.23%	417	Zone 3	N/A
MINERVA CHIRURGICA	134	1	0.23%	418	Zone 3	N/A
MINIMALLY INVASIVE THERAPY & ALLIED TECHNOLOGIES	135	1	0.23%	419	Zone 3	1.7
MODERN PATHOLOGY	136	1	0.23%	420	Zone 3	7.1
MOLECULAR CANCER	137	1	0.23%	421	Zone 3	27.7
MOLECULAR CANCER RESEARCH	138	1	0.23%	422	Zone 3	4.1
MOLECULAR CARCINOGENESIS	139	1	0.23%	423	Zone 3	3
NATURE CLINICAL PRACTICE UROLOGY	140	1	0.23%	424	Zone 3	N/A
NATURE COMMUNICATIONS	141	1	0.23%	425	Zone 3	14.7

Table S6 (continued)

Table S6 (continued)

Journal	Rank	Frequency	Frequency percentage	Cumulative frequency	Zone	IF 2023
<i>NATURE REVIEWS UROLOGY</i>	142	1	0.23%	426	Zone 3	12.1
<i>ONCOGENE</i>	143	1	0.23%	427	Zone 3	6.9
<i>ONCOLOGY-NEW YORK</i>	144	1	0.23%	428	Zone 3	1.8
<i>ONCOLOGY LETTERS</i>	145	1	0.23%	429	Zone 3	2.5
<i>PATHOLOGY RESEARCH AND PRACTICE</i>	146	1	0.23%	430	Zone 3	2.9
<i>QUANTITATIVE IMAGING IN MEDICINE AND SURGERY</i>	147	1	0.23%	431	Zone 3	2.9
<i>REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS</i>	148	1	0.23%	432	Zone 3	2.7
<i>SCANDINAVIAN JOURNAL OF UROLOGY AND NEPHROLOGY</i>	149	1	0.23%	433	Zone 3	N/A
<i>SURGICAL PRACTICE</i>	150	1	0.23%	434	Zone 3	0.3
<i>TOMOGRAPHY</i>	151	1	0.23%	435	Zone 3	2.2
<i>ULTRASONIC IMAGING</i>	152	1	0.23%	436	Zone 3	2.5
<i>UROLOGIC ONCOLOGY-SEMINARS AND ORIGINAL INVESTIGATIONS</i>	153	1	0.23%	437	Zone 3	2.4
<i>VIDEOSURGERY AND OTHER MINIINVASIVE TECHNIQUES</i>	154	1	0.23%	438	Zone 3	1.6
<i>VIRCHOWS ARCHIV</i>	155	1	0.23%	439	Zone 3	3.4
<i>WSPOLCZESNA ONKOLOGIA-CONTEMPORARY ONCOLOGY</i>	156	1	0.23%	440	Zone 3	2.9
<i>YONSEI MEDICAL JOURNAL</i>	157	1	0.23%	441	Zone 3	2.6