

Bradford J Wood

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

539 papers	20,961 citations	74 h-index	127 g-index
581 ext. papers	24,586 ext. citations	5.3 avg, IF	6.56 L-index

#	Paper	IF	Citations
539	Comparison of MR/ultrasound fusion-guided biopsy with ultrasound-guided biopsy for the diagnosis of prostate cancer. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 390-7	27.4	999
538	Image-guided tumor ablation: standardization of terminology and reporting criteria--a 10-year update. <i>Radiology</i> , 2014 , 273, 241-60	20.5	611
537	Pulsed-high intensity focused ultrasound and low temperature-sensitive liposomes for enhanced targeted drug delivery and antitumor effect. <i>Clinical Cancer Research</i> , 2007 , 13, 2722-7	12.9	383
536	Magnetic resonance imaging/ultrasound-fusion biopsy significantly upgrades prostate cancer versus systematic 12-core transrectal ultrasound biopsy. <i>European Urology</i> , 2013 , 64, 713-719	10.2	367
535	Magnetic resonance imaging/ultrasound fusion guided prostate biopsy improves cancer detection following transrectal ultrasound biopsy and correlates with multiparametric magnetic resonance imaging. <i>Journal of Urology</i> , 2011 , 186, 1281-5	2.5	367
534	Image-guided tumor ablation: standardization of terminology and reporting criteria. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, S377-90	2.4	349
533	Image-guided tumor ablation: proposal for standardization of terms and reporting criteria. <i>Radiology</i> , 2003 , 228, 335-45	20.5	336
532	Is apparent diffusion coefficient associated with clinical risk scores for prostate cancers that are visible on 3-T MR images?. <i>Radiology</i> , 2011 , 258, 488-95	20.5	327
531	Image-guided tumor ablation: standardization of terminology and reporting criteria--a 10-year update. <i>Journal of Vascular and Interventional Radiology</i> , 2014 , 25, 1691-705.e4	2.4	307
530	Radio-frequency ablation of renal cell carcinoma: early clinical experience. <i>Radiology</i> , 2000 , 217, 665-72	20.5	294
529	PERCUTANEOUS RADIO FREQUENCY ABLATION OF SMALL RENAL TUMORS: INITIAL RESULTS. <i>Journal of Urology</i> , 2002 , 167, 10-15	2.5	259
528	Prostate Cancer: Interobserver Agreement and Accuracy with the Revised Prostate Imaging Reporting and Data System at Multiparametric MR Imaging. <i>Radiology</i> , 2015 , 277, 741-50	20.5	256
527	Radiofrequency thermal ablation of abdominal tumors: lessons learned from complications. <i>Radiographics</i> , 2004 , 24, 41-52	5.4	247
526	Real-time MRI-TRUS fusion for guidance of targeted prostate biopsies. <i>Computer Aided Surgery</i> , 2008 , 13, 255-64		239
525	Sofosbuvir and ribavirin for hepatitis C genotype 1 in patients with unfavorable treatment characteristics: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 804-11	27.4	237
524	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. <i>New England Journal of Medicine</i> , 2020 , 382, 917-928	59.2	235
523	Radiofrequency ablation of adrenal tumors and adrenocortical carcinoma metastases. <i>Cancer</i> , 2003 , 97, 554-60	6.4	231

522	Image-guided drug delivery with magnetic resonance guided high intensity focused ultrasound and temperature sensitive liposomes in a rabbit Vx2 tumor model. <i>Journal of Controlled Release</i> , 2012 , 158, 487-94	11.7	212
521	Artificial intelligence for the detection of COVID-19 pneumonia on chest CT using multinational datasets. <i>Nature Communications</i> , 2020 , 11, 4080	17.4	202
520	Multiparametric magnetic resonance imaging and ultrasound fusion biopsy detect prostate cancer in patients with prior negative transrectal ultrasound biopsies. <i>Journal of Urology</i> , 2012 , 188, 2152-2157	2.5	199
519	Tumor Cell Biodiversity Drives Microenvironmental Reprogramming in Liver Cancer. <i>Cancer Cell</i> , 2019 , 36, 418-430.e6	24.3	190
518	Prostate cancer: can multiparametric MR imaging help identify patients who are candidates for active surveillance?. <i>Radiology</i> , 2013 , 268, 144-52	20.5	181
517	Accuracy of multiparametric magnetic resonance imaging in confirming eligibility for active surveillance for men with prostate cancer. <i>Cancer</i> , 2013 , 119, 3359-66	6.4	181
516	Thermal ablation of colorectal liver metastases: a position paper by an international panel of ablation experts, The Interventional Oncology Sans Frontières meeting 2013. <i>European Radiology</i> , 2015 , 25, 3438-54	8	177
515	Navigation with electromagnetic tracking for interventional radiology procedures: a feasibility study. <i>Journal of Vascular and Interventional Radiology</i> , 2005 , 16, 493-505	2.4	174
514	Virologic response following combined ledipasvir and sofosbuvir administration in patients with HCV genotype 1 and HIV co-infection. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1232-9	27.4	171
513	Imaging guided biopsy of renal masses: indications, accuracy and impact on clinical management. <i>Journal of Urology</i> , 1999 , 161, 1470-4	2.5	169
512	RADIO FREQUENCY ABLATION OF RENAL CELL CARCINOMA VIA IMAGE GUIDED NEEDLE ELECTRODES. <i>Journal of Urology</i> , 1999 , 161, 599-600	2.5	165
511	Utility of multiparametric magnetic resonance imaging suspicion levels for detecting prostate cancer. <i>Journal of Urology</i> , 2013 , 190, 1721-1727	2.5	162
510	Electromagnetic tracking for thermal ablation and biopsy guidance: clinical evaluation of spatial accuracy. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 1141-50	2.4	156
509	Benefits and risks of solitary islet transplantation for type 1 diabetes using steroid-sparing immunosuppression: the National Institutes of Health experience. <i>Diabetes Care</i> , 2003 , 26, 3288-95	14.6	154
508	Correlation of magnetic resonance imaging tumor volume with histopathology. <i>Journal of Urology</i> , 2012 , 188, 1157-1163	2.5	152
507	Intravoxel incoherent motion MR imaging for prostate cancer: an evaluation of perfusion fraction and diffusion coefficient derived from different b-value combinations. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 553-62	4.4	145
506	Initial clinical experience with real-time transrectal ultrasonography-magnetic resonance imaging fusion-guided prostate biopsy. <i>BJU International</i> , 2008 , 101, 841-5	5.6	144
505	Formulation and characterisation of magnetic resonance imageable thermally sensitive liposomes for use with magnetic resonance-guided high intensity focused ultrasound. <i>International Journal of Hyperthermia</i> , 2011 , 27, 140-55	3.7	140

504	Radiofrequency ablation induces antigen-presenting cell infiltration and amplification of weak tumor-induced immunity. <i>Radiology</i> , 2009 , 251, 58-66	20.5	137
503	Phase I/Ib study of olaparib and carboplatin in BRCA1 or BRCA2 mutation-associated breast or ovarian cancer with biomarker analyses. <i>Journal of the National Cancer Institute</i> , 2014 , 106, dju089	9.7	135
502	Virological response after 6 week triple-drug regimens for hepatitis C: a proof-of-concept phase 2A cohort study. <i>Lancet, The</i> , 2015 , 385, 1107-13	4.0	131
501	Technologies for guidance of radiofrequency ablation in the multimodality interventional suite of the future. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 9-24	2.4	131
500	Synthesis and in vitro evaluation of cyclic NGR peptide targeted thermally sensitive liposome. <i>Journal of Controlled Release</i> , 2010 , 143, 265-73	11.7	129
499	Malignant insulinoma: spectrum of unusual clinical features. <i>Cancer</i> , 2005 , 104, 264-72	6.4	128
498	Percutaneous tumor ablation with radiofrequency. <i>Cancer</i> , 2002 , 94, 443-51	6.4	127
497	A phase II and pharmacodynamic study of gefitinib in patients with refractory or recurrent epithelial ovarian cancer. <i>Cancer</i> , 2007 , 109, 1323-30	6.4	124
496	Comparison of endorectal coil and nonendorectal coil T2W and diffusion-weighted MRI at 3 Tesla for localizing prostate cancer: correlation with whole-mount histopathology. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 1443-8	5.6	123
495	Radio frequency ablation of small renal tumors:: intermediate results. <i>Journal of Urology</i> , 2004 , 171, 1814-8	4.5	120
494	Diagnostic value of biparametric magnetic resonance imaging (MRI) as an adjunct to prostate-specific antigen (PSA)-based detection of prostate cancer in men without prior biopsies. <i>BJU International</i> , 2015 , 115, 381-8	5.6	118
493	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. <i>Radiology</i> , 2018 , 286, 186-195	20.5	117
492	Use of serial multiparametric magnetic resonance imaging in the management of patients with prostate cancer on active surveillance. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015 , 33, 202.e1-202.e7	2.8	115
491	Clinical utility of real-time fusion guidance for biopsy and ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2011 , 22, 515-24	2.4	114
490	Multimodality image fusion-guided procedures: technique, accuracy, and applications. <i>CardioVascular and Interventional Radiology</i> , 2012 , 35, 986-98	2.7	106
489	Phase I study of heat-deployed liposomal doxorubicin during radiofrequency ablation for hepatic malignancies. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 248-55.e7	2.4	104
488	Prospective Evaluation of the Prostate Imaging Reporting and Data System Version 2 for Prostate Cancer Detection. <i>Journal of Urology</i> , 2016 , 196, 690-6	2.5	104
487	Prospective Evaluation of PI-RADS Version 2 Using the International Society of Urological Pathology Prostate Cancer Grade Group System. <i>Journal of Urology</i> , 2017 , 198, 583-590	2.5	100

486	DAmico risk stratification correlates with degree of suspicion of prostate cancer on multiparametric magnetic resonance imaging. <i>Journal of Urology</i> , 2011 , 185, 815-20	2.5	99
485	Multiparametric prostate magnetic resonance imaging in the evaluation of prostate cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2016 , 66, 326-36	220.7	99
484	Mild hyperthermia with magnetic resonance-guided high-intensity focused ultrasound for applications in drug delivery. <i>International Journal of Hyperthermia</i> , 2012 , 28, 320-36	3.7	98
483	Targeted drug delivery by high intensity focused ultrasound mediated hyperthermia combined with temperature-sensitive liposomes: computational modelling and preliminary in vivo validation. <i>International Journal of Hyperthermia</i> , 2012 , 28, 337-48	3.7	98
482	Current status of magnetic resonance imaging (MRI) and ultrasonography fusion software platforms for guidance of prostate biopsies. <i>BJU International</i> , 2014 , 114, 641-52	5.6	96
481	Multiparametric magnetic resonance imaging (MRI) and subsequent MRI/ultrasonography fusion-guided biopsy increase the detection of anteriorly located prostate cancers. <i>BJU International</i> , 2014 , 114, E43-E49	5.6	95
480	Validation of the Dominant Sequence Paradigm and Role of Dynamic Contrast-enhanced Imaging in PI-RADS Version 2. <i>Radiology</i> , 2017 , 285, 859-869	20.5	94
479	Phase I study of hepatic arterial melphalan infusion and hepatic venous hemofiltration using percutaneously placed catheters in patients with unresectable hepatic malignancies. <i>Journal of Clinical Oncology</i> , 2005 , 23, 3465-74	2.2	93
478	A Magnetic Resonance Imaging-Based Prediction Model for Prostate Biopsy Risk Stratification. <i>JAMA Oncology</i> , 2018 , 4, 678-685	13.4	92
477	US-guided fine-needle aspiration biopsy of thyroid nodules: adequacy of cytologic material and procedure time with and without immediate cytologic analysis. <i>Radiology</i> , 2002 , 222, 383-7	20.5	91
476	Real-time FDG PET guidance during biopsies and radiofrequency ablation using multimodality fusion with electromagnetic navigation. <i>Radiology</i> , 2011 , 260, 848-56	20.5	90
475	Pulsed high-intensity focused ultrasound enhances thrombolysis in an in vitro model. <i>Radiology</i> , 2006 , 239, 86-93	20.5	89
474	Radiopaque drug-eluting beads for transcatheter embolotherapy: experimental study of drug penetration and coverage in swine. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 257-64.e4 ^{2.4}	2.4	87
473	Percutaneous ablation in the kidney. <i>Radiology</i> , 2011 , 261, 375-91	20.5	84
472	Generalizing Deep Learning for Medical Image Segmentation to Unseen Domains via Deep Stacked Transformation. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 2531-2540	11.7	82
471	Results of a Randomized Controlled Multicenter Phase III Trial of Percutaneous Hepatic Perfusion Compared with Best Available Care for Patients with Melanoma Liver Metastases. <i>Annals of Surgical Oncology</i> , 2016 , 23, 1309-19	3.1	80
470	Magnetic Resonance Imaging-Transrectal Ultrasound Guided Fusion Biopsy to Detect Progression in Patients with Existing Lesions on Active Surveillance for Low and Intermediate Risk Prostate Cancer. <i>Journal of Urology</i> , 2017 , 197, 640-646	2.5	78
469	Low suspicion lesions on multiparametric magnetic resonance imaging predict for the absence of high-risk prostate cancer. <i>BJU International</i> , 2012 , 110, E783-8	5.6	78

468	Mathematical spatio-temporal model of drug delivery from low temperature sensitive liposomes during radiofrequency tumour ablation. <i>International Journal of Hyperthermia</i> , 2010 , 26, 499-513	3.7	77
467	Vandetanib, designed to inhibit VEGFR2 and EGFR signaling, had no clinical activity as monotherapy for recurrent ovarian cancer and no detectable modulation of VEGFR2. <i>Clinical Cancer Research</i> , 2010 , 16, 664-72	12.9	76
466	Combined locoregional-immunotherapy for liver cancer. <i>Journal of Hepatology</i> , 2019 , 70, 999-1007	13.4	74
465	Navigation systems for ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, S257-63	2.4	74
464	Operative management for recurrent and metastatic adrenocortical carcinoma. <i>Journal of Surgical Oncology</i> , 2012 , 105, 709-13	2.8	73
463	Radiofrequency ablation: a novel approach for treatment of metastatic pheochromocytoma. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 648-9	9.7	73
462	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. <i>Radiology</i> , 2019 , 290, 709-719	20.5	72
461	Use of hydrodissection to prevent nerve and muscular damage during radiofrequency ablation of kidney tumors. <i>Journal of Vascular and Interventional Radiology</i> , 2006 , 17, 1967-9	2.4	72
460	Combined Biparametric Prostate Magnetic Resonance Imaging and Prostate-specific Antigen in the Detection of Prostate Cancer: A Validation Study in a Biopsy-naïve Patient Population. <i>Urology</i> , 2016 , 88, 125-34	1.6	71
459	Comparison of conventional chemotherapy, stealth liposomes and temperature-sensitive liposomes in a mathematical model. <i>PLoS ONE</i> , 2012 , 7, e47453	3.7	70
458	Development of "imageable" beads for transcatheter embolotherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, 865-76	2.4	70
457	Adjuvant Immunotherapy to Improve Outcome in High-Risk Pediatric Sarcomas. <i>Clinical Cancer Research</i> , 2016 , 22, 3182-91	12.9	67
456	Missing the Mark: Prostate Cancer Upgrading by Systematic Biopsy over Magnetic Resonance Imaging/Transrectal Ultrasound Fusion Biopsy. <i>Journal of Urology</i> , 2017 , 197, 327-334	2.5	66
455	Automated prostate cancer detection using T2-weighted and high-b-value diffusion-weighted magnetic resonance imaging. <i>Medical Physics</i> , 2015 , 42, 2368-78	4.4	65
454	Effects of perfusion on radiofrequency ablation in swine kidneys. <i>Radiology</i> , 2004 , 231, 500-5	20.5	65
453	Can magnetic resonance-ultrasound fusion biopsy improve cancer detection in enlarged prostates?. <i>Journal of Urology</i> , 2013 , 190, 2020-2025	2.5	64
452	Pulsed-high intensity focused ultrasound enhanced tPA mediated thrombolysis in a novel in vivo clot model, a pilot study. <i>Thrombosis Research</i> , 2007 , 121, 193-202	8.2	64
451	Precision targeting of liver lesions using a novel electromagnetic navigation device in physiologic phantom and swine. <i>Medical Physics</i> , 2005 , 32, 2698-705	4.4	63

450	Thermal protection during percutaneous thermal ablation of renal cell carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2004 , 15, 753-8	2.4	62
449	CT virtual bronchoscopy of the central airways in patients with Wegener's granulomatosis. <i>Chest</i> , 2002 , 121, 242-50	5.3	62
448	A Novel Inherently Radiopaque Bead for Transarterial Embolization to Treat Liver Cancer - A Pre-clinical Study. <i>Theranostics</i> , 2016 , 6, 28-39	12.1	62
447	Fabricating biomedical origami: a state-of-the-art review. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 2023-2032	3.9	61
446	Pain after uterine artery embolization for leiomyomata: can its severity be predicted and does severity predict outcome?. <i>Journal of Vascular and Interventional Radiology</i> , 2000 , 11, 1047-52	2.4	61
445	Simultaneous integrated boost of biopsy proven, MRI defined dominant intra-prostatic lesions to 95 Gray with IMRT: early results of a phase I NCI study. <i>Radiation Oncology</i> , 2007 , 2, 36	4.2	60
444	Radiofrequency ablation of cancer. <i>CardioVascular and Interventional Radiology</i> , 2004 , 27, 427-34	2.7	60
443	Simtuzumab treatment of advanced liver fibrosis in HIV and HCV-infected adults: results of a 6-month open-label safety trial. <i>Liver International</i> , 2016 , 36, 1783-1792	7.9	60
442	Risk of Upgrading from Prostate Biopsy to Radical Prostatectomy Pathology-Does Saturation Biopsy of Index Lesion during Multiparametric Magnetic Resonance Imaging-Transrectal Ultrasound Fusion Biopsy Help?. <i>Journal of Urology</i> , 2018 , 199, 976-982	2.5	59
441	Efficiency of Prostate Cancer Diagnosis by MR/Ultrasound Fusion-Guided Biopsy vs Standard Extended-Sextant Biopsy for MR-Visible Lesions. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	59
440	C-arm cone-beam computed tomography in interventional oncology: technical aspects and clinical applications. <i>Radiologia Medica</i> , 2014 , 119, 521-32	6.5	57
439	Electromagnetic tracking for abdominal interventions in computer aided surgery. <i>Computer Aided Surgery</i> , 2006 , 11, 127-36		57
438	Intra- and interreader reproducibility of PI-RADSv2: A multireader study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 1694-1703	5.6	57
437	Accuracy and efficacy of percutaneous biopsy and ablation using robotic assistance under computed tomography guidance: a phantom study. <i>European Radiology</i> , 2014 , 24, 723-30	8	55
436	Clinical implications of a multiparametric magnetic resonance imaging based nomogram applied to prostate cancer active surveillance. <i>Journal of Urology</i> , 2015 , 193, 1943-1949	2.5	55
435	Use of patient-specific MRI-based prostate mold for validation of multiparametric MRI in localization of prostate cancer. <i>Urology</i> , 2012 , 79, 233-9	1.6	54
434	The effect of anti-CTLA4 treatment on peripheral and intra-tumoral T cells in patients with hepatocellular carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 599-608	7.4	53
433	Liver resection and ablation for metastatic adrenocortical carcinoma. <i>Annals of Surgical Oncology</i> , 2011 , 18, 1972-9	3.1	53

432	Natural history of small index lesions suspicious for prostate cancer on multiparametric MRI: recommendations for interval imaging follow-up. <i>Diagnostic and Interventional Radiology</i> , 2014 , 20, 293-8	3.2	52
431	Partial nephrectomy after previous radio frequency ablation: the National Cancer Institute experience. <i>Journal of Urology</i> , 2009 , 182, 2158-63	2.5	52
430	Pulsed high-intensity focused ultrasound enhances apoptosis and growth inhibition of squamous cell carcinoma xenografts with proteasome inhibitor bortezomib. <i>Radiology</i> , 2008 , 248, 485-91	20.5	50
429	The Role of Magnetic Resonance Image Guided Prostate Biopsy in Stratifying Men for Risk of Extracapsular Extension at Radical Prostatectomy. <i>Journal of Urology</i> , 2015 , 194, 105-111	2.5	49
428	Accelerated T2 mapping for characterization of prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2011 , 65, 1400-6	4.4	49
427	In vitro and in vivo evaluations of increased effective beam width for heat deposition using a split focus high intensity ultrasound (HIFU) transducer. <i>International Journal of Hyperthermia</i> , 2008 , 24, 537-49	3.7	49
426	Added Value of Multiparametric Magnetic Resonance Imaging to Clinical Nomograms for Predicting Adverse Pathology in Prostate Cancer. <i>Journal of Urology</i> , 2018 , 200, 1041-1047	2.5	48
425	Identification of threshold prostate specific antigen levels to optimize the detection of clinically significant prostate cancer by magnetic resonance imaging/ultrasound fusion guided biopsy. <i>Journal of Urology</i> , 2014 , 192, 1642-8	2.5	48
424	Very distal apical prostate tumours: identification on multiparametric MRI at 3 Tesla. <i>BJU International</i> , 2012 , 110, E694-700	5.6	48
423	Combination therapy with local radiofrequency ablation and systemic vaccine enhances antitumor immunity and mediates local and distal tumor regression. <i>PLoS ONE</i> , 2013 , 8, e70417	3.7	48
422	Comparison of calculated and acquired high b value diffusion-weighted imaging in prostate cancer. <i>Abdominal Imaging</i> , 2015 , 40, 578-86		47
421	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. <i>European Radiology</i> , 2018 , 28, 4407-4417	8	47
420	Clinical impact of PSMA-based F-DCFBC PET/CT imaging in patients with biochemically recurrent prostate cancer after primary local therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 4-11	8.8	47
419	Pancreatic beta cell function persists in many patients with chronic type 1 diabetes, but is not dramatically improved by prolonged immunosuppression and euglycaemia from a beta cell allograft. <i>Diabetologia</i> , 2009 , 52, 1369-80	10.3	47
418	Characterization of a novel intrinsically radiopaque Drug-eluting Bead for image-guided therapy: DC Bead LUMI. <i>Journal of Controlled Release</i> , 2017 , 250, 36-47	11.7	46
417	CT fluoroscopy shielding: decreases in scattered radiation for the patient and operator. <i>Journal of Vascular and Interventional Radiology</i> , 2006 , 17, 1999-2004	2.4	46
416	Documenting the location of prostate biopsies with image fusion. <i>BJU International</i> , 2011 , 107, 53-7	5.6	45
415	Federated semi-supervised learning for COVID region segmentation in chest CT using multi-national data from China, Italy, Japan. <i>Medical Image Analysis</i> , 2021 , 70, 101992	15.4	45

4 ¹⁴	Radiofrequency thermal ablation of a splenic metastasis. <i>Journal of Vascular and Interventional Radiology</i> , 2001 , 12, 261-3	2.4	44
4 ¹³	Image-guided adrenal and renal biopsy. <i>Techniques in Vascular and Interventional Radiology</i> , 2010 , 13, 100-9	2.6	43
4 ¹²	Daily catheter-directed single dosing of t-PA in treatment of acute deep venous thrombosis of the lower extremity. <i>Journal of Vascular and Interventional Radiology</i> , 2001 , 12, 247-52	2.4	43
4 ¹¹	Changes in prostate cancer detection rate of MRI-TRUS fusion vs systematic biopsy over time: evidence of a learning curve. <i>Prostate Cancer and Prostatic Diseases</i> , 2017 , 20, 436-441	6.2	42
4 ¹⁰	Comparison of magnetic resonance imaging and ultrasound (MRI-US) fusion-guided prostate biopsies obtained from axial and sagittal approaches. <i>BJU International</i> , 2015 , 115, 772-9	5.6	42
4 ⁰⁹	Radiofrequency ablation beyond the liver. <i>Techniques in Vascular and Interventional Radiology</i> , 2002 , 5, 156-63	2.6	42
4 ⁰⁸	PERCUTANEOUS RADIO FREQUENCY ABLATION OF SMALL RENAL TUMORS:. <i>Journal of Urology</i> , 2002 , 10-15	2.5	42
4 ⁰⁷	Interreader Variability of Prostate Imaging Reporting and Data System Version 2 in Detecting and Assessing Prostate Cancer Lesions at Prostate MRI. <i>American Journal of Roentgenology</i> , 2019 , 1-8	5.4	41
4 ⁰⁶	Radiofrequency ablation of metastatic pheochromocytoma. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 1483-90	2.4	41
4 ⁰⁵	Tremelimumab in Combination With Microwave Ablation in Patients With Refractory Biliary Tract Cancer. <i>Hepatology</i> , 2019 , 69, 2048-2060	11.2	41
4 ⁰⁴	Federated learning for predicting clinical outcomes in patients with COVID-19. <i>Nature Medicine</i> , 2021 , 27, 1735-1743	50.5	41
4 ⁰³	Multiparametric magnetic resonance imaging and image-guided biopsy to detect seminal vesicle invasion by prostate cancer. <i>Journal of Endourology</i> , 2014 , 28, 1283-9	2.7	40
4 ⁰²	Percutaneous ablation of adrenal tumors. <i>Techniques in Vascular and Interventional Radiology</i> , 2010 , 13, 89-99	2.6	40
4 ⁰¹	Modulation of tumor eIF4E by antisense inhibition: A phase I/II translational clinical trial of ISIS 183750-an antisense oligonucleotide against eIF4E-in combination with irinotecan in solid tumors and irinotecan-refractory colorectal cancer. <i>International Journal of Cancer</i> , 2016 , 139, 1648-57	7.5	40
4 ⁰⁰	High-Intensity Focused Ultrasound (HIFU) Triggers Immune Sensitization of Refractory Murine Neuroblastoma to Checkpoint Inhibitor Therapy. <i>Clinical Cancer Research</i> , 2020 , 26, 1152-1161	12.9	40
399	Magnetic Resonance Imaging/Transrectal Ultrasonography Fusion Prostate Biopsy Significantly Outperforms Systematic 12-Core Biopsy for Prediction of Total Magnetic Resonance Imaging Tumor Volume in Active Surveillance Patients. <i>Journal of Endourology</i> , 2015 , 29, 1115-21	2.7	39
398	Assessing the barriers to image-guided drug delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014 , 6, 1-14	9.2	39
397	Thermal protection with 5% dextrose solution blanket during radiofrequency ablation. <i>CardioVascular and Interventional Radiology</i> , 2006 , 29, 1093-6	2.7	38

396	Percutaneous radio frequency ablation of small renal tumors: initial results. <i>Journal of Urology</i> , 2002 , 167, 10-5	2.5	38
395	Validation of PI-RADS Version 2 in Transition Zone Lesions for the Detection of Prostate Cancer. <i>Radiology</i> , 2018 , 288, 485-491	20.5	38
394	Can computer-aided diagnosis assist in the identification of prostate cancer on prostate MRI? a multi-center, multi-reader investigation. <i>Oncotarget</i> , 2018 , 9, 33804-33817	3.3	37
393	First Human Experience with Directly Image-able Iodinated Embolization Microbeads. <i>CardioVascular and Interventional Radiology</i> , 2016 , 39, 1177-86	2.7	37
392	Fiber Optic Force Sensors for MRI-Guided Interventions and Rehabilitation: A Review. <i>IEEE Sensors Journal</i> , 2017 , 17, 1952-1963	4	36
391	Tumor contact with prostate capsule on magnetic resonance imaging: A potential biomarker for staging and prognosis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017 , 35, 30.e1-30.e8	2.8	36
390	Percutaneous radiofrequency ablation of chordoma. <i>American Journal of Roentgenology</i> , 2002 , 179, 1330-2	5.4	36
389	Recent advances in image-guided targeted prostate biopsy. <i>Abdominal Imaging</i> , 2015 , 40, 1788-99		35
388	Image fusion during vascular and nonvascular image-guided procedures. <i>Techniques in Vascular and Interventional Radiology</i> , 2013 , 16, 168-76	2.6	35
387	Magnetic resonance imaging-guided volumetric ablation of symptomatic leiomyomata: correlation of imaging with histology. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 786-794.e4	2.4	35
386	Deep Recurrent Neural Networks for Prostate Cancer Detection: Analysis of Temporal Enhanced Ultrasound. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2695-2703	11.7	35
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119	Towards cone-beam CT thermometry 2013 ,		2
118	Accuracy assessment of an automatic image-based PET/CT registration for ultrasound-guided biopsies and ablations 2011 ,		2
117	Mixed variable optimization for radio frequency ablation planning 2011 ,		2
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