

Bradford J Wood

List of Publications by Year in Descending Order

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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

539	Deep learning-based artificial intelligence for prostate cancer detection at biparametric MRI.. <i>Abdominal Radiology</i> , 2022 , 47, 1425	3	0
538	A Phase II Study of Pembrolizumab in Combination with Capecitabine and Oxaliplatin with Molecular Profiling in Patients with Advanced Biliary Tract Carcinoma.. <i>Oncologist</i> , 2022 , 27, e273-e285	5.7	0
537	Evaluation of Immune-Modulating Drugs for Use in Drug-eluting Microsphere Transarterial Embolization.. <i>International Journal of Pharmaceutics</i> , 2022 , 121466	6.5	1
536	Reply by Authors. <i>Journal of Urology</i> , 2022 , 207, 106-107	2.5	
535	Why Does Magnetic Resonance Imaging-Targeted Biopsy Miss Clinically Significant Cancer?. <i>Journal of Urology</i> , 2022 , 207, 95-107	2.5	4
534	Image-Guided Robotics for Standardized and Automated Biopsy and Ablation. <i>Seminars in Interventional Radiology</i> , 2021 , 38, 565-575	1.6	0
533	MRI-guided Biopsy in Active Surveillance of Prostate Cancer. <i>Journal of Urology</i> , 2021 , 101097JU00000000000002343	10.0	0
532	Fusion-Guided Prostate Biopsy 2021 , 129-144		
531	Tumor Doubling Time Using CT Volumetric Segmentation in Metastatic Adrenocortical Carcinoma.. <i>Current Oncology</i> , 2021 , 28, 4357-4366	2.8	
530	Current state of image-guided focal therapy for prostate cancer. <i>World Journal of Urology</i> , 2021 , 39, 701-717	4	2
529	Imaging, Pathology, and Immune Correlates in the Woodchuck Hepatic Tumor Model. <i>Journal of Hepatocellular Carcinoma</i> , 2021 , 8, 71-83	5.3	1
528	Generalized chest CT and lab curves throughout the course of COVID-19. <i>Scientific Reports</i> , 2021 , 11, 6940	4.9	4
527	Pilot study of gadoxetate disodium-enhanced mri for localized and metastatic prostate cancers. <i>Scientific Reports</i> , 2021 , 11, 5662	4.9	
526	Long-term outcomes in patients with advanced adrenocortical carcinoma after image-guided locoregional ablation or embolization. <i>Cancer Medicine</i> , 2021 , 10, 2259-2267	4.8	2
525	Using Prostate Imaging-Reporting and Data System (PI-RADS) Scores to Select an Optimal Prostate Biopsy Method: A Secondary Analysis of the Trio Study. <i>European Urology Oncology</i> , 2021 ,	6.7	9
524	Multi-Domain Image Completion for Random Missing Input Data. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 1113-1122	11.7	12
523	Interventional Radiology ex-machina: impact of Artificial Intelligence on practice. <i>Radiologia Medica</i> , 2021 , 126, 998-1006	6.5	28

522	Magnetic Resonance Imaging-Targeted and Systematic Biopsy for Detection of Grade Progression in Patients on Active Surveillance for Prostate Cancer. <i>Journal of Urology</i> , 2021 , 205, 1352-1360	2.5	1
521	Reply by Authors. <i>Journal of Urology</i> , 2021 , 205, 1359-1360	2.5	
520	MRI-guided focal laser ablation of prostate cancer: a prospective single-arm, single-center trial with 3 years of follow-up. <i>Diagnostic and Interventional Radiology</i> , 2021 , 27, 394-400	3.2	2
519	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
518	Electromagnetic Tracking and Optical Molecular Imaging Guidance for Liver Biopsy and Point-of-Care Tissue Assessment in Phantom and Woodchuck Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2021 , 44, 1439-1447	2.7	
517	Prognostic Features of Biochemical Recurrence of Prostate Cancer Following Radical Prostatectomy Based on Multiparametric MRI and Immunohistochemistry Analysis of MRI-guided Biopsy Specimens. <i>Radiology</i> , 2021 , 299, 613-623	20.5	3
516	Rapid Artificial Intelligence Solutions in a Pandemic - The COVID-19-20 Lung CT Lesion Segmentation Challenge 2021 ,		8
515	The Risk of Prostate Cancer Progression in Active Surveillance Patients with Bilateral Disease Detected by Combined Magnetic Resonance Imaging-Fusion and Systematic Biopsy. <i>Journal of Urology</i> , 2021 , 206, 1157-1165	2.5	2
514	A deep-learning based artificial intelligence (AI) approach for differentiation of clear cell renal cell carcinoma from oncocytoma on multi-phasic MRI. <i>Clinical Imaging</i> , 2021 , 77, 291-298	2.7	4
513	Single-cell atlas of tumor cell evolution in response to therapy in hepatocellular carcinoma and intrahepatic cholangiocarcinoma. <i>Journal of Hepatology</i> , 2021 , 75, 1397-1408	13.4	11
512	AI-Assisted CT as a Clinical and Research Tool for COVID-19. <i>Frontiers in Artificial Intelligence</i> , 2021 , 4, 590189	3	
511	Quality of Prostate MRI: Is the PI-RADS Standard Sufficient?. <i>Academic Radiology</i> , 2021 , 28, 199-207	4.3	13
510	Quantitative Characterization of the Prostatic Urethra Using MRI: Implications for Lower Urinary Tract Symptoms in Patients with Benign Prostatic Hyperplasia. <i>Academic Radiology</i> , 2021 , 28, 664-670	4.3	0
509	Integrating Eye Tracking and Speech Recognition Accurately Annotates MR Brain Images for Deep Learning: Proof of Principle. <i>Radiology: Artificial Intelligence</i> , 2021 , 3, e200047	8.7	3
508	CT and clinical assessment in asymptomatic and pre-symptomatic patients with early SARS-CoV-2 in outbreak settings. <i>European Radiology</i> , 2021 , 31, 3165-3176	8	7
507	Changes in Magnetic Resonance Imaging Using the Prostate Cancer Radiologic Estimation of Change in Sequential Evaluation Criteria to Detect Prostate Cancer Progression for Men on Active Surveillance. <i>European Urology Oncology</i> , 2021 , 4, 227-234	6.7	4
506	Magnetic Fiducial Seeds for Tumor Localization in Video-Assisted Thoracoscopic Surgery (VATS): A Phantom and Ex Vivo Feasibility Study. <i>IEEE Sensors Journal</i> , 2021 , 21, 678-684	4	1
505	A Clinically Driven Task-Based Comparison of Photon Counting and Conventional Energy Integrating CT for Soft Tissue, Vascular, and High-Resolution Tasks. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021 , 5, 588-595	4.2	1

504	Determination of disease severity in COVID-19 patients using deep learning in chest X-ray images. <i>Diagnostic and Interventional Radiology</i> , 2021 , 27, 20-27	3.2	24
503	Comparison of Smartphone Augmented Reality, Smartglasses Augmented Reality, and 3D CBCT-guided Fluoroscopy Navigation for Percutaneous Needle Insertion: A Phantom Study. <i>CardioVascular and Interventional Radiology</i> , 2021 , 44, 774-781	2.7	5
502	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. <i>IEEE Access</i> , 2021 , 9, 87531-87542	3.5	3
501	Considerations for active surveillance in select Gleason grade group 2 patients: A preliminary study.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 206-206	2.2	
500	Federated learning improves site performance in multicenter deep learning without data sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1259-1264	8.6	25
499	Endovascular steerable and endobronchial precurved guiding sheaths for transbronchial needle delivery under augmented fluoroscopy and cone beam CT image guidance. <i>Translational Lung Cancer Research</i> , 2021 , 10, 3627-3644	4.4	1
498	A Cascaded Deep Learning-Based Artificial Intelligence Algorithm for Automated Lesion Detection and Classification on Biparametric Prostate Magnetic Resonance Imaging. <i>Academic Radiology</i> , 2021 ,	4.3	7
497	Federated learning for predicting clinical outcomes in patients with COVID-19. <i>Nature Medicine</i> , 2021 , 27, 1735-1743	50.5	41
496	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. <i>Radiology</i> , 2021 , 301, 533-540	20.5	8
495	A comparison of F-DCFPyL, F-NaF and F-FDG PET/CT in a prospective cohort of men with metastatic prostate cancer. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	3
494	Risk of adverse pathology at prostatectomy in the era of MRI and targeted biopsies; rethinking active surveillance for intermediate risk prostate cancer patients. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021 , 39, 729.e1-729.e6	2.8	1
493	Drug-eluting embolic microspheres: State-of-the-art and emerging clinical applications. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 383-398	8	5
492	The need for standardization of reporting in prostate MRI. <i>Nature Reviews Urology</i> , 2021 , 18, 195-196	5.5	1
491	End-to-end Ultrasound Frame to Volume Registration. <i>Lecture Notes in Computer Science</i> , 2021 , 56-65	0.9	3
490	Determination of Error in 3D CT to 2D Fluoroscopy Image Registration for Endobronchial Guidance. <i>Lecture Notes in Computer Science</i> , 2021 , 335-344	0.9	
489	Synthesis, characterization, and imaging of radiopaque bismuth beads for image-guided transarterial embolization. <i>Scientific Reports</i> , 2021 , 11, 533	4.9	4
488	Angular needle tracker and stabilizer for image-guided interventions. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2020 , 1-8	2.1	2
487	Improving detection of prostate cancer foci via information fusion of MRI and temporal enhanced ultrasound. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 1215-1223	3.9	12

486	Deep-Learning-Based Artificial Intelligence for PI-RADS Classification to Assist Multiparametric Prostate MRI Interpretation: A Development Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 1499-1507	5.6	24
485	Disposable Isolation Device to Reduce COVID-19 Contamination During CT Scanning. <i>Academic Radiology</i> , 2020 , 27, 1119-1125	4.3	1
484	Deep Learning Framework for Epithelium Density Estimation in Prostate Multi-Parametric Magnetic Resonance Imaging 2020 ,		1
483	Standardized Nomenclature and Surveillance Methodologies After Focal Therapy and Partial Gland Ablation for Localized Prostate Cancer: An International Multidisciplinary Consensus. <i>European Urology</i> , 2020 , 78, 371-378	10.2	28
482	Spatial density and diversity of architectural histology in prostate cancer: influence on diffusion weighted magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 326-339	3.6	4
481	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. <i>New England Journal of Medicine</i> , 2020 , 382, 917-928	59.2	235
480	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of F-DCFPyL PET/CT with Comparison to Multiparametric MRI. <i>Radiology</i> , 2020 , 296, 564-572	20.5	9
479	Postpartum exacerbation of antenatal COVID-19 pneumonia in 3 women. <i>Cmaj</i> , 2020 , 192, E603-E606	3.5	20
478	Preparation of a radiology department in an Italian hospital dedicated to COVID-19 patients. <i>Radiologia Medica</i> , 2020 , 125, 894-901	6.5	12
477	Transarterial Chemoembolization in a Woodchuck Model of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 812-819.e1	2.4	6
476	Augmented and Mixed Reality: Technologies for Enhancing the Future of IR. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 1074-1082	2.4	20
475	Targeted early chest CT in COVID-19 outbreaks as diagnostic tool for containment of the pandemic-A multinational opinion. <i>Diagnostic and Interventional Radiology</i> , 2020 , 26, 292-295	3.2	8
474	Impact of bowel preparation with Fleet® Enema on prostate MRI quality. <i>Abdominal Radiology</i> , 2020 , 45, 4252-4259	3	15
473	How to Handle a COVID-19 Patient in the Angiographic Suite. <i>CardioVascular and Interventional Radiology</i> , 2020 , 43, 820-826	2.7	31
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	Rapid perceptual processing in two- and three-dimensional prostate images. <i>Journal of Medical Imaging</i> , 2020 , 7, 022406	2.6	5
470	Accuracy study of smartglasses/smartphone AR systems for percutaneous needle interventions 2020 ,		2
469	Immune Checkpoint Blockade in Combination with Stereotactic Body Radiotherapy in Patients with Metastatic Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2020 , 26, 2318-2326	12.9	28

468	Does size matter? Lesion size as an indicator of number of cores needed to detect clinically significant prostate cancer.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 283-283	2.2	
467	Pathologic outcomes of MRI invisible tumors in prostate cancer.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 282-282	2.2	
466	In Vivo Characterization of the Swine Airway Morphometry and Motion Based on Computed Tomographic Imaging During Respiration. <i>Journal of Biomechanical Engineering</i> , 2020 , 142,	2.1	2
465	Tracked Foley catheter for motion compensation during fusion image-guided prostate procedures: a phantom study. <i>European Radiology Experimental</i> , 2020 , 4, 24	4.5	
464	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e17567-e17567	2.2	1
463	PI-RADS Category as a Predictor of Progression to Unfavorable Risk Prostate Cancer in Men on Active Surveillance. <i>Journal of Urology</i> , 2020 , 204, 1229-1235	2.5	2
462	Sensorless Freehand 3D Ultrasound Reconstruction via Deep Contextual Learning. <i>Lecture Notes in Computer Science</i> , 2020 , 463-472	0.9	9
461	F-DCFPyL PET/CT Imaging in Patients with Biochemically Recurrent Prostate Cancer After Primary Local Therapy. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 881-889	8.9	24
460	Smartphone Augmented Reality CT-Based Platform for Needle Insertion Guidance: A Phantom Study. <i>CardioVascular and Interventional Radiology</i> , 2020 , 43, 756-764	2.7	10
459	Hypogonadism and prostate cancer detection on multiparametric MRI and mpMRI-TRUS fusion biopsy. <i>International Urology and Nephrology</i> , 2020 , 52, 633-638	2.3	1
458	The Feasibility of Using a Smartphone Magnetometer for Assisting Needle Placement. <i>Annals of Biomedical Engineering</i> , 2020 , 48, 1147-1156	4.7	1
457	Data Augmentation and Transfer Learning to Improve Generalizability of an Automated Prostate Segmentation Model. <i>American Journal of Roentgenology</i> , 2020 , 215, 1403-1410	5.4	15
456	Endobronchial Navigation Guided by Cone-Beam CT-Based Augmented Fluoroscopy without a Bronchoscope: Feasibility Study in Phantom and Swine. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 2122-2131	2.4	5
455	Prospective Evaluation of F-DCFPyL PET/CT in Detection of High-Risk Localized Prostate Cancer: Comparison With mpMRI. <i>American Journal of Roentgenology</i> , 2020 , 215, 652-659	5.4	7
454	Ovarian teratoma in a woodchuck (<i>Marmota monax</i>) with hepatocellular carcinoma: radiologic and pathologic features. <i>BMC Veterinary Research</i> , 2020 , 16, 451	2.7	
453	Smartphone- versus smartglasses-based augmented reality (AR) for percutaneous needle interventions: system accuracy and feasibility study. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 1921-1930	3.9	4
452	Multicenter Multireader Evaluation of an Artificial Intelligence-Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI. <i>American Journal of Roentgenology</i> , 2020 , 215, 903-912	5.4	11
451	Deep adaptive registration of multi-modal prostate images. <i>Computerized Medical Imaging and Graphics</i> , 2020 , 84, 101769	7.6	11

450	Combined MRI-targeted Plus Systematic Confirmatory Biopsy Improves Risk Stratification for Patients Enrolling on Active Surveillance for Prostate Cancer. <i>Urology</i> , 2020 , 144, 164-170	1.6	1
449	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
448	Monopolar Radiofrequency Energy Delivered by a Conductive Endovascular Basket or Guidewire Leads to Thermal Occlusion in a Swine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 1874-1885	2.4	1
447	Safety and Tolerability of Topotecan-Eluting Radiopaque Microspheres for Hepatic Chemoembolization in a Rabbit Preclinical Model. <i>CardioVascular and Interventional Radiology</i> , 2020 , 43, 1918-1924	2.7	1
446	Prospective Evaluation of PI-RADS Version 2.1 for Prostate Cancer Detection. <i>American Journal of Roentgenology</i> , 2020 , 1-6	5.4	7
445	Radiofrequency tumor ablation system with a wireless or implantable probe. <i>Wireless Power Transfer</i> , 2020 , 7, 95-105	0.9	0
444	Local failure after definitive radiation treatment of lymph-node positive prostate cancer: supporting the use of novel imaging techniques to personalize treatment options. <i>BJR/case Reports</i> , 2020 , 6, 20200001	0.7	
443	Ferumoxitol-Enhanced MR Lymphography for Detection of Metastatic Lymph Nodes in Genitourinary Malignancies: A Prospective Study. <i>American Journal of Roentgenology</i> , 2020 , 214, 105-113	5.4	8
442	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
441	Apical periurethral transition zone lesions: MRI and histology findings. <i>Abdominal Radiology</i> , 2020 , 45, 3258-3264	3	
440	Deep learning-based liver segmentation for fusion-guided intervention. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 963-972	3.9	8
439	Liver-specific 3D sectioning molds for correlating in vivo CT and MRI with tumor histopathology in woodchucks (<i>Marmota monax</i>). <i>PLoS ONE</i> , 2020 , 15, e0230794	3.7	3
438	High Speed Pneumatic Stepper Motor for MRI Applications. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 826-835	4.7	8
437	Real-time fluorescence imaging for visualization and drug uptake prediction during drug delivery by thermosensitive liposomes. <i>International Journal of Hyperthermia</i> , 2019 , 36, 817-826	3.7	11
436	Tumor Cell Biodiversity Drives Microenvironmental Reprogramming in Liver Cancer. <i>Cancer Cell</i> , 2019 , 36, 418-430.e6	24.3	190
435	Radiofrequency Ablation Duration per Tumor Volume May Correlate with Overall Survival in Solitary Hepatocellular Carcinoma Patients Treated with Radiofrequency Ablation Plus Lyso-Thermosensitive Liposomal Doxorubicin. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 1908-1914	2.4	7
434	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
433	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

432	Origami Lesion-Targeting Device for CT-Guided Interventions. <i>Journal of Imaging</i> , 2019 , 5,	3.1	2
431	Index tumor volume on MRI as a predictor of clinical and pathologic outcomes following radical prostatectomy. <i>International Urology and Nephrology</i> , 2019 , 51, 1349-1355	2.3	4
430	Use of multiparametric magnetic resonance imaging and fusion-guided biopsies to properly select and follow African-American men on active surveillance. <i>BJU International</i> , 2019 , 124, 768-774	5.6	3
429	Assessment of the response of hepatocellular carcinoma to interventional radiology treatments. <i>Future Oncology</i> , 2019 , 15, 1791-1804	3.6	4
428	Tissue-mimicking thermochromic phantom for characterization of HIFU devices and applications. <i>International Journal of Hyperthermia</i> , 2019 , 36, 518-529	3.7	19
427	Immunotherapy and the Interventional Oncologist: Challenges and Opportunities-A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019 , 292, 25-34	20.5	28
426	Deep neural maps for unsupervised visualization of high-grade cancer in prostate biopsies. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 1009-1016	3.9	13
425	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
424	Combined locoregional-immunotherapy for liver cancer. <i>Journal of Hepatology</i> , 2019 , 70, 999-1007	13.4	74
423	Follow-up of negative MRI-targeted prostate biopsies: when are we missing cancer?. <i>World Journal of Urology</i> , 2019 , 37, 235-241	4	20
422	Contemporary treatments in prostate cancer focal therapy. <i>Current Opinion in Oncology</i> , 2019 , 31, 200-206	14	31
421	A Pilot Study of the PD-1 Targeting Agent AMP-224 Used With Low-Dose Cyclophosphamide and Stereotactic Body Radiation Therapy in Patients With Metastatic Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019 , 18, e349-e360	3.8	17
420	MRI robot for prostate focal laser ablation: a phantom study 2019 ,		3
419	Smartglasses/smartphone needle guidance AR system for transperineal prostate procedure 2019 ,		1
418	Effect of radiofrequency ablation (RFA) combined with anti-CTLA-4 and anti-PD1 in a preclinical melanoma model.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 143-143	2.2	1
417	A multiparametric magnetic resonance imaging-based virtual reality surgical navigation tool for robotic-assisted radical prostatectomy. <i>Turkish Journal of Urology</i> , 2019 , 45, 357-365	1.3	9
416	Deep learning image reconstruction method for limited-angle ultrasound tomography in prostate cancer 2019 ,		5
415	Correlation of ultrasound tomography to MRI and pathology for the detection of prostate cancer 2019 ,		1

414	Predicting Gleason Group Progression for Men on Prostate Cancer Active Surveillance: Role of a Negative Confirmatory Magnetic Resonance Imaging-Ultrasound Fusion Biopsy. <i>Journal of Urology</i> , 2019 , 201, 84-90	2.5	17
413	Tremelimumab in Combination With Microwave Ablation in Patients With Refractory Biliary Tract Cancer. <i>Hepatology</i> , 2019 , 69, 2048-2060	11.2	41
412	Pilot Study Comparing Systemic and Tissue Pharmacokinetics of Irinotecan and Metabolites after Hepatic Drug-Eluting Chemoembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 19-22	2.4	4
411	Intra- and interreader reproducibility of PI-RADSv2: A multireader study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 1694-1703	5.6	57
410	A collaborative computer aided diagnosis (C-CAD) system with eye-tracking, sparse attentional model, and deep learning. <i>Medical Image Analysis</i> , 2019 , 51, 101-115	15.4	33
409	Applications of Wireless Power Transfer in Medicine: State-of-the-Art Reviews. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 22-38	4.7	22
408	Template for MR Visualization and Needle Targeting. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 524-534	4.7	2
407	Analyzing the current practice patterns and views among urologists regarding focal therapy for prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019 , 37, 182.e1-182.e8	2.8	5
406	A Multireader Exploratory Evaluation of Individual Pulse Sequence Cancer Detection on Prostate Multiparametric Magnetic Resonance Imaging (MRI). <i>Academic Radiology</i> , 2019 , 26, 5-14	4.3	10
405	A Magnetic Resonance Imaging-Based Prediction Model for Prostate Biopsy Risk Stratification. <i>JAMA Oncology</i> , 2018 , 4, 678-685	13.4	92
404	Prospective comparison of PI-RADS version 2 and qualitative in-house categorization system in detection of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1326-1335	5.6	17
403	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
402	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
401	MRI-Guided Robotically Assisted Focal Laser Ablation of the Prostate Using Canine Cadavers. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 , 65, 1434-1442	5	17
400	Targeted biopsy: benefits and limitations. <i>Current Opinion in Urology</i> , 2018 , 28, 219-226	2.8	3
399	All over the map: An interobserver agreement study of tumor location based on the PI-RADSv2 sector map. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 482-490	5.6	23
398	Mechanical fractionation of tissues using microsecond-long HIFU pulses on a clinical MR-HIFU system. <i>International Journal of Hyperthermia</i> , 2018 , 34, 1213-1224	3.7	10
397	Drug release kinetics of temperature sensitive liposomes measured at high-temporal resolution with a millifluidic device. <i>International Journal of Hyperthermia</i> , 2018 , 34, 786-794	3.7	15

396	Assessment of medical devices: the Emperor's new clothes: Author reply. <i>British Journal of Radiology</i> , 2018 , 91, 20180310	3.4	
395	Distribution and Detection of Radiopaque Beads after Hepatic Transarterial Embolization in Swine: Cone-Beam CT versus MicroCT. <i>Journal of Vascular and Interventional Radiology</i> , 2018 , 29, 568-574	2.4	8
394	Toward a real-time system for temporal enhanced ultrasound-guided prostate biopsy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 1201-1209	3.9	6
393	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. <i>Radiology</i> , 2018 , 286, 186-195	20.5	117
392	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
391	Tri-axial Biopsy Needle Cauterization During Splenic Biopsy. <i>CardioVascular and Interventional Radiology</i> , 2018 , 41, 1624-1626	2.7	
390	Can Apparent Diffusion Coefficient Values Assist PI-RADS Version 2 DWI Scoring? A Correlation Study Using the PI-RADSV2 and International Society of Urological Pathology Systems. <i>American Journal of Roentgenology</i> , 2018 , 211, W33-W41	5.4	16
389	Mapping Drug Dose Distribution on CT Images Following Transarterial Chemoembolization with Radiopaque Drug-Eluting Beads in a Rabbit Tumor Model. <i>Radiology</i> , 2018 , 289, 396-404	20.5	21
388	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
387	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
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