

Bradford J Wood

List of Publications by Year in descending order

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569
papers

27,809
citations

5261

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8852

145
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581
all docs

581
docs citations

581
times ranked

21646
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 5, 176-186.	2.6	24
2	Why Does Magnetic Resonance Imaging-Targeted Biopsy Miss Clinically Significant Cancer?. <i>Journal of Urology</i> , 2022, 207, 95-107.	0.2	29
3	A Cascaded Deep Learning-Based Artificial Intelligence Algorithm for Automated Lesion Detection and Classification on Biparametric Prostate Magnetic Resonance Imaging. <i>Academic Radiology</i> , 2022, 29, 1159-1168.	1.3	21
4	Reply by Authors. <i>Journal of Urology</i> , 2022, 207, 106-107.	0.2	0
5	Deep learning-based artificial intelligence for prostate cancer detection at biparametric MRI. <i>Abdominal Radiology</i> , 2022, 47, 1425-1434.	1.0	18
6	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.	1.9	22
7	Evaluation of immune-modulating drugs for use in drug-eluting microsphere transarterial embolization. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121466.	2.6	9
8	Development of a 3D CNN-based AI Model for Automated Segmentation of the Prostatic Urethra. <i>Academic Radiology</i> , 2022, 29, 1404-1412.	1.3	9
9	Cone-Beam Computed Tomography-Based Spatial Prediction of Drug Dose After Transarterial Chemoembolization Using Radiopaque Drug-Eluting Beads in Woodchuck Hepatocellular Carcinoma. <i>Investigative Radiology</i> , 2022, 57, 495-501.	3.5	4
10	Chest imaging in patients with acute respiratory failure because of coronavirus disease 2019. <i>Current Opinion in Critical Care</i> , 2022, 28, 17-24.	1.6	3
11	Detection of failure patterns using advanced imaging in patients with biochemical recurrence following low-dose-rate brachytherapy for prostate cancer. <i>Brachytherapy</i> , 2022, , .	0.2	2
12	Quality of Prostate MRI: Is the PI-RADS Standard Sufficient?. <i>Academic Radiology</i> , 2021, 28, 199-207.	1.3	44
13	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.	1.3	4
14	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.	3.0	10
15	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.	2.3	13
16	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.	2.6	14
17	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.	2.4	1
18	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.	2.7	6

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19	Determination of disease severity in COVID-19 patients using deep learning in chest X-ray images. Diagnostic and Interventional Radiology, 2021, 27, 20-27.	0.7	44
20	Comparison of Smartphone Augmented Reality, Smartglasses Augmented Reality, and 3D CBCT-guided Fluoroscopy Navigation for Percutaneous Needle Insertion: A Phantom Study. CardioVascular and Interventional Radiology, 2021, 44, 774-781.	0.9	17
21	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. IEEE Access, 2021, 9, 87531-87542.	2.6	12
22	Considerations for active surveillance in select Gleason grade group 2 patients: A preliminary study.. Journal of Clinical Oncology, 2021, 39, 206-206.	0.8	0
23	Federated learning improves site performance in multicenter deep learning without data sharing. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1259-1264.	2.2	93
24	Imaging, Pathology, and Immune Correlates in the Woodchuck Hepatic Tumor Model. Journal of Hepatocellular Carcinoma, 2021, Volume 8, 71-83.	1.8	4
25	Generalized chest CT and lab curves throughout the course of COVID-19. Scientific Reports, 2021, 11, 6940.	1.6	8
26	Pilot study of gadoxetate disodium-enhanced mri for localized and metastatic prostate cancers. Scientific Reports, 2021, 11, 5662.	1.6	2
27	Long-term outcomes in patients with advanced adrenocortical carcinoma after image-guided locoregional ablation or embolization. Cancer Medicine, 2021, 10, 2259-2267.	1.3	6
28	Transducer Adaptive Ultrasound Volume Reconstruction. , 2021, , .		2
29	Multi-Domain Image Completion for Random Missing Input Data. IEEE Transactions on Medical Imaging, 2021, 40, 1113-1122.	5.4	43
30	Interventional Radiology ex-machina: impact of Artificial Intelligence on practice. Radiologia Medica, 2021, 126, 998-1006.	4.7	63
31	Magnetic Resonance Imaging-Targeted and Systematic Biopsy for Detection of Grade Progression in Patients on Active Surveillance for Prostate Cancer. Journal of Urology, 2021, 205, 1352-1360.	0.2	3
32	Reply by Authors. Journal of Urology, 2021, 205, 1359-1360.	0.2	0
33	MRI-guided focal laser ablation of prostate cancer: a prospective single-arm, single-center trial with 3 years of follow-up. Diagnostic and Interventional Radiology, 2021, 27, 394-400.	0.7	9
34	Federated semi-supervised learning for COVID region segmentation in chest CT using multi-national data from China, Italy, Japan. Medical Image Analysis, 2021, 70, 101992.	7.0	140
35	Electromagnetic Tracking and Optical Molecular Imaging Guidance for Liver Biopsy and Point-of-Care Tissue Assessment in Phantom and Woodchuck Hepatocellular Carcinoma. CardioVascular and Interventional Radiology, 2021, 44, 1439-1447.	0.9	2
36	Prognostic Features of Biochemical Recurrence of Prostate Cancer Following Radical Prostatectomy Based on Multiparametric MRI and Immunohistochemistry Analysis of MRI-guided Biopsy Specimens. Radiology, 2021, 299, 613-623.	3.6	11

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37	The Risk of Prostate Cancer Progression in Active Surveillance Patients with Bilateral Disease Detected by Combined Magnetic Resonance Imaging-Fusion and Systematic Biopsy. Journal of Urology, 2021, 206, 1157-1165.	0.2	10
38	A deep-learning based artificial intelligence (AI) approach for differentiation of clear cell renal cell carcinoma from oncocytoma on multi-phasic MRI. Clinical Imaging, 2021, 77, 291-298.	0.8	25
39	Single-cell atlas of tumor cell evolution in response to therapy in hepatocellular carcinoma and intrahepatic cholangiocarcinoma. Journal of Hepatology, 2021, 75, 1397-1408.	1.8	133
40	AI-Assisted CT as a Clinical and Research Tool for COVID-19. Frontiers in Artificial Intelligence, 2021, 4, 590189.	2.0	0
41	Musculoskeletal Oncologic Interventions: Proceedings from the Society of Interventional Radiology and Society of Interventional Oncology Research Consensus Panel. Journal of Vascular and Interventional Radiology, 2021, 32, 1089.e1-1089.e9.	0.2	9
42	Endovascular steerable and endobronchial precurved guiding sheaths for transbronchial needle delivery under augmented fluoroscopy and cone beam CT image guidance. Translational Lung Cancer Research, 2021, 10, 3627-3644.	1.3	5
43	Federated learning for predicting clinical outcomes in patients with COVID-19. Nature Medicine, 2021, 27, 1735-1743.	15.2	300
44	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. Radiology, 2021, 301, 533-540.	3.6	72
45	A comparison of ¹⁸ F-DCFPyL, ¹⁸ F-NaF and ¹⁸ F-FDG PET/CT in a prospective cohort of men with metastatic prostate cancer. Journal of Nuclear Medicine, 2021, , jnumed.121.262371.	2.8	7
46	Risk of adverse pathology at prostatectomy in the era of MRI and targeted biopsies; rethinking active surveillance for intermediate risk prostate cancer patients. Urologic Oncology: Seminars and Original Investigations, 2021, 39, 729.e1-729.e6.	0.8	6
47	Drug-eluting embolic microspheres: State-of-the-art and emerging clinical applications. Expert Opinion on Drug Delivery, 2021, 18, 383-398.	2.4	25
48	The need for standardization of reporting in prostate MRI. Nature Reviews Urology, 2021, 18, 195-196.	1.9	1
49	End-to-end Ultrasound Frame to Volume Registration. Lecture Notes in Computer Science, 2021, , 56-65.	1.0	8
50	Synthesis, characterization, and imaging of radiopaque bismuth beads for image-guided transarterial embolization. Scientific Reports, 2021, 11, 533.	1.6	9
51	Current state of image-guided focal therapy for prostate cancer. World Journal of Urology, 2021, 39, 701-717.	1.2	8
52	Tumor Doubling Time Using CT Volumetric Segmentation in Metastatic Adrenocortical Carcinoma. Current Oncology, 2021, 28, 4357-4366.	0.9	2
53	Image-Guided Robotics for Standardized and Automated Biopsy and Ablation. Seminars in Interventional Radiology, 2021, 38, 565-575.	0.3	5
54	Woodchuck hepatic anatomy and vascular alterations due to hepatocellular carcinoma with angiographic atlas of the abdomen and pelvis. Journal of Vascular and Interventional Radiology, 2021, , .	0.2	1

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55	MRI-guided Biopsy in Active Surveillance of Prostate Cancer. Journal of Urology, 2021, , 101097JU00000000000002343.	0.2	2
56	Ferumoxytol-Enhanced MR Lymphography for Detection of Metastatic Lymph Nodes in Genitourinary Malignancies: A Prospective Study. American Journal of Roentgenology, 2020, 214, 105-113.	1.0	17
57	High-Intensity Focused Ultrasound (HIFU) Triggers Immune Sensitization of Refractory Murine Neuroblastoma to Checkpoint Inhibitor Therapy. Clinical Cancer Research, 2020, 26, 1152-1161.	3.2	94
58	Apical periurethral transition zone lesions: MRI and histology findings. Abdominal Radiology, 2020, 45, 3258-3264.	1.0	0
59	¹⁸ F-DCFPyL PET/CT Imaging in Patients with Biochemically Recurrent Prostate Cancer After Primary Local Therapy. Journal of Nuclear Medicine, 2020, 61, 881-889.	2.8	38
60	Smartphone Augmented Reality CT-Based Platform for Needle Insertion Guidance: A Phantom Study. CardioVascular and Interventional Radiology, 2020, 43, 756-764.	0.9	28
61	Hypogonadism and prostate cancer detection on multiparametric MRI and mpMRI-TRUS fusion biopsy. International Urology and Nephrology, 2020, 52, 633-638.	0.6	1
62	The Feasibility of Using a Smartphone Magnetometer for Assisting Needle Placement. Annals of Biomedical Engineering, 2020, 48, 1147-1156.	1.3	2
63	Data Augmentation and Transfer Learning to Improve Generalizability of an Automated Prostate Segmentation Model. American Journal of Roentgenology, 2020, 215, 1403-1410.	1.0	23
64	Endobronchial Navigation Guided by Cone-Beam CTâ€‘Based Augmented Fluoroscopy without a Bronchoscope: Feasibility Study in Phantom and Swine. Journal of Vascular and Interventional Radiology, 2020, 31, 2122-2131.	0.2	6
65	Prospective Evaluation of ¹⁸ F-DCFPyL PET/CT in Detection of High-Risk Localized Prostate Cancer: Comparison With mpMRI. American Journal of Roentgenology, 2020, 215, 652-659.	1.0	22
66	Ovarian teratoma in a woodchuck (Marmota monax) with hepatocellular carcinoma: radiologic and pathologic features. BMC Veterinary Research, 2020, 16, 451.	0.7	1
67	Smartphone- versus smartglasses-based augmented reality (AR) for percutaneous needle interventions: system accuracy and feasibility study. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1921-1930.	1.7	15
68	Multicenter Multireader Evaluation of an Artificial Intelligenceâ€‘Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI. American Journal of Roentgenology, 2020, 215, 903-912.	1.0	29
69	Deep adaptive registration of multi-modal prostate images. Computerized Medical Imaging and Graphics, 2020, 84, 101769.	3.5	24
70	Combined MRI-targeted Plus Systematic Confirmatory Biopsy Improves Risk Stratification for Patients Enrolling on Active Surveillance for Prostate Cancer. Urology, 2020, 144, 164-170.	0.5	4
71	Artificial intelligence for the detection of COVID-19 pneumonia on chest CT using multinational datasets. Nature Communications, 2020, 11, 4080.	5.8	405
72	Monopolar Radiofrequency Energy Delivered by a Conductive Endovascular Basket or Guidewire Leads to Thermal Occlusion in a Swine Model. Journal of Vascular and Interventional Radiology, 2020, 31, 1874-1885.	0.2	2

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73	Safety and Tolerability of Topotecan-Eluting Radiopaque Microspheres for Hepatic Chemoembolization in a Rabbit Preclinical Model. CardioVascular and Interventional Radiology, 2020, 43, 1918-1924.	0.9	2
74	Prospective Evaluation of PI-RADS Version 2.1 for Prostate Cancer Detection. American Journal of Roentgenology, 2020, 215, 1098-1103.	1.0	17
75	Radiofrequency tumor ablation system with a wireless or implantable probe. Wireless Power Transfer, 2020, 7, 95-105.	0.9	2
76	Local failure after definitive radiation treatment of lymph-node positive prostate cancer: supporting the use of novel imaging techniques to personalize treatment options. BJR case Reports, 2020, 6, 20200001.	0.1	0
77	Angular needle tracker and stabilizer for image-guided interventions. Minimally Invasive Therapy and Allied Technologies, 2020, , 1-8.	0.6	3
78	Abstract No. 545 Magnetic markers for tumor localization: feasibility in video assisted thoracic surgery. Journal of Vascular and Interventional Radiology, 2020, 31, S238.	0.2	1
79	Improving detection of prostate cancer foci via information fusion of MRI and temporal enhanced ultrasound. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1215-1223.	1.7	20
80	Deep Learning-Based Artificial Intelligence for PI-RADS Classification to Assist Multiparametric Prostate MRI Interpretation: A Development Study. Journal of Magnetic Resonance Imaging, 2020, 52, 1499-1507.	1.9	52
81	Disposable Isolation Device to Reduce COVID-19 Contamination During CT Scanning. Academic Radiology, 2020, 27, 1119-1125.	1.3	3
82	Deep Learning Framework for Epithelium Density Estimation in Prostate Multi-Parametric Magnetic Resonance Imaging. , 2020, , .		2
83	Standardized Nomenclature and Surveillance Methodologies After Focal Therapy and Partial Gland Ablation for Localized Prostate Cancer: An International Multidisciplinary Consensus. European Urology, 2020, 78, 371-378.	0.9	66
84	Spatial density and diversity of architectural histology in prostate cancer: influence on diffusion weighted magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2020, 10, 326-339.	1.1	7
85	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. New England Journal of Medicine, 2020, 382, 917-928.	13.9	515
86	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of ¹⁸ F-DCFPyL PET/CT with Comparison to Multiparametric MRI. Radiology, 2020, 296, 564-572.	3.6	24
87	Postpartum exacerbation of antenatal COVID-19 pneumonia in 3 women. Cmaj, 2020, 192, E603-E606.	0.9	24
88	Preparation of a radiology department in an Italian hospital dedicated to COVID-19 patients. Radiologia Medica, 2020, 125, 894-901.	4.7	21
89	Transarterial Chemoembolization in a Woodchuck Model of Hepatocellular Carcinoma. Journal of Vascular and Interventional Radiology, 2020, 31, 812-819.e1.	0.2	14
90	Augmented and Mixed Reality: Technologies for Enhancing the Future of IR. Journal of Vascular and Interventional Radiology, 2020, 31, 1074-1082.	0.2	59

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91	Targeted early chest CT in COVID-19 outbreaks as diagnostic tool for containment of the pandemic—A multinational opinion. Diagnostic and Interventional Radiology, 2020, 26, 292-295.	0.7	8
92	Impact of bowel preparation with Fleet™sâ„¢ enema on prostate MRI quality. Abdominal Radiology, 2020, 45, 4252-4259.	1.0	26
93	How to Handle a COVID-19 Patient in the Angiographic Suite. CardioVascular and Interventional Radiology, 2020, 43, 820-826.	0.9	43
94	Deep learning-based liver segmentation for fusion-guided intervention. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 963-972.	1.7	20
95	Liver-specific 3D sectioning molds for correlating in vivo CT and MRI with tumor histopathology in woodchucks (Marmota monax). PLoS ONE, 2020, 15, e0230794.	1.1	7
96	Sensorless Freehand 3D Ultrasound Reconstruction via Deep Contextual Learning. Lecture Notes in Computer Science, 2020, , 463-472.	1.0	30
97	Generalizing Deep Learning for Medical Image Segmentation to Unseen Domains via Deep Stacked Transformation. IEEE Transactions on Medical Imaging, 2020, 39, 2531-2540.	5.4	220
98	Rapid perceptual processing in two- and three-dimensional prostate images. Journal of Medical Imaging, 2020, 7, 1.	0.8	7
99	Accuracy study of smartglasses/smartphone AR systems for percutaneous needle interventions. , 2020, , .		3
100	Immune Checkpoint Blockade in Combination with Stereotactic Body Radiotherapy in Patients with Metastatic Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2020, 26, 2318-2326.	3.2	54
101	Tracked Foley catheter for motion compensation during fusion image-guided prostate procedures: a phantom study. European Radiology Experimental, 2020, 4, 24.	1.7	0
102	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients.. Journal of Clinical Oncology, 2020, 38, e17567-e17567.	0.8	1
103	PI-RADS® Category as a Predictor of Progression to Unfavorable Risk Prostate Cancer in Men on Active Surveillance. Journal of Urology, 2020, 204, 1229-1235.	0.2	5
104	Does size matter? Lesion size as an indicator of number of cores needed to detect clinically significant prostate cancer.. Journal of Clinical Oncology, 2020, 38, 283-283.	0.8	0
105	Pathologic outcomes of MRI invisible tumors in prostate cancer.. Journal of Clinical Oncology, 2020, 38, 282-282.	0.8	0
106	In Vivo Characterization of the Swine Airway Morphometry and Motion Based on Computed Tomographic Imaging During Respiration. Journal of Biomechanical Engineering, 2020, 142, .	0.6	3
107	A CT-visible Thermal Ablation Phantom. , 2020, , .		4
108	Follow-up of negative MRI-targeted prostate biopsies: when are we missing cancer?. World Journal of Urology, 2019, 37, 235-241.	1.2	31

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109	Contemporary treatments in prostate cancer focal therapy. <i>Current Opinion in Oncology</i> , 2019, 31, 200-206.	1.1	68
110	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.	1.0	31
111	High Speed Pneumatic Stepper Motor for MRI Applications. <i>Annals of Biomedical Engineering</i> , 2019, 47, 826-835.	1.3	13
112	Real-time fluorescence imaging for visualization and drug uptake prediction during drug delivery by thermosensitive liposomes. <i>International Journal of Hyperthermia</i> , 2019, 36, 816-825.	1.1	23
113	Tumor Cell Biodiversity Drives Microenvironmental Reprogramming in Liver Cancer. <i>Cancer Cell</i> , 2019, 36, 418-430.e6.	7.7	433
114	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.	0.2	9
115	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. <i>Radiology</i> , 2019, 290, 709-719.	3.6	140
116	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.	2.0	97
117	Origami Lesion-Targeting Device for CT-Guided Interventions. <i>Journal of Imaging</i> , 2019, 5, 23.	1.7	4
118	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.	0.6	8
119	Feasibility and Acute Safety Study of Radiofrequency Energy Delivery to the Vena Caval Wall Via an Inferior Vena Cava Filter in Swine. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2019, 2, .	0.3	0
120	Use of multiparametric <scp>magnetic resonance imaging</scp> and fusionâ€guided biopsies to properly select and follow Africanâ€American men on active surveillance. <i>BJU International</i> , 2019, 124, 768-774.	1.3	8
121	Assessment of the response of hepatocellular carcinoma to interventional radiology treatments. <i>Future Oncology</i> , 2019, 15, 1791-1804.	1.1	8
122	Tissue-mimicking thermochromic phantom for characterization of HIFU devices and applications. <i>International Journal of Hyperthermia</i> , 2019, 36, 517-528.	1.1	34
123	Immunotherapy and the Interventional Oncologist: Challenges and Opportunitiesâ€A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019, 292, 25-34.	3.6	57
124	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.	1.7	17
125	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, 212, 1197-1205.	1.0	75
126	Combined locoregional-immunotherapy for liver cancer. <i>Journal of Hepatology</i> , 2019, 70, 999-1007.	1.8	146

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127	Tremelimumab in Combination With Microwave Ablation in Patients With Refractory Biliary Tract Cancer. <i>Hepatology</i> , 2019, 69, 2048-2060.	3.6	77
128	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.	0.2	4
129	Intra- and interreader reproducibility of PI-RADSv2: A multireader study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1694-1703.	1.9	102
130	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.	7.0	59
131	Applications of Wireless Power Transfer in Medicine: State-of-the-Art Reviews. <i>Annals of Biomedical Engineering</i> , 2019, 47, 22-38.	1.3	39
132	Template for MR Visualization and Needle Targeting. <i>Annals of Biomedical Engineering</i> , 2019, 47, 524-536.	1.3	5
133	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.	0.8	10
134	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.	1.3	12
135	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.	0.2	24
136	MRI robot for prostate focal laser ablation: a phantom study. , 2019, , .		3
137	Smartglasses/smartphone needle guidance AR system for transperineal prostate procedure. , 2019, , .		2
138	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.	0.8	1
139	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	18
140	Deep learning image reconstruction method for limited-angle ultrasound tomography in prostate cancer. , 2019, , .		9
141	Correlation of ultrasound tomography to MRI and pathology for the detection of prostate cancer. , 2019, , .		1
142	A Magnetic Resonance Imaging-Based Prediction Model for Prostate Biopsy Risk Stratification. <i>JAMA Oncology</i> , 2018, 4, 678.	3.4	141
143	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.	1.9	18
144	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. <i>European Radiology</i> , 2018, 28, 4407-4417.	2.3	68

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145	Risk of Upgrading from Prostate Biopsy to Radical Prostatectomy Pathologyâ€”Does Saturation Biopsy of Index Lesion during Multiparametric Magnetic Resonance Imaging-Transrectal Ultrasound Fusion Biopsy Help?. Journal of Urology, 2018, 199, 976-982.	0.2	89
146	MRI-Guided Robotically Assisted Focal Laser Ablation of the Prostate Using Canine Cadavers. IEEE Transactions on Biomedical Engineering, 2018, 65, 1434-1442.	2.5	36
147	Targeted biopsy. Current Opinion in Urology, 2018, 28, 219-226.	0.9	6
148	All over the map: An interobserver agreement study of tumor location based on the PIâ€RADSv2 sector map. Journal of Magnetic Resonance Imaging, 2018, 48, 482-490.	1.9	31
149	Mechanical fractionation of tissues using microsecond-long HIFU pulses on a clinical MR-HIFU system. International Journal of Hyperthermia, 2018, 34, 1213-1224.	1.1	23
150	Drug release kinetics of temperature sensitive liposomes measured at high-temporal resolution with a millifluidic device. International Journal of Hyperthermia, 2018, 34, 786-794.	1.1	23
151	Assessment of medical devices: the Emperorâ€™s new clothes: <i>Author reply</i>. British Journal of Radiology, 2018, 91, 20180310.	1.0	0
152	Distribution and Detection of Radiopaque Beads after Hepatic Transarterial Embolization in Swine: Cone-Beam CT versus MicroCT. Journal of Vascular and Interventional Radiology, 2018, 29, 568-574.	0.2	11
153	Toward a real-time system for temporal enhanced ultrasound-guided prostate biopsy. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1201-1209.	1.7	8
154	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. Radiology, 2018, 286, 186-195.	3.6	188
155	Clinical impact of PSMA-based 18Fâ€”DCFBC PET/CT imaging in patients with biochemically recurrent prostate cancer after primary local therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 4-11.	3.3	57
156	Commentary: how will interventional oncology navigate the â€œvalleys of deathâ€”for new medical devices?. British Journal of Radiology, 2018, 91, 20170643.	1.0	2
157	Ruling out clinically significant prostate cancer with negative multi-parametric MRI. International Urology and Nephrology, 2018, 50, 7-12.	0.6	19
158	MRI-powered biomedical devices. Minimally Invasive Therapy and Allied Technologies, 2018, 27, 191-202.	0.6	9
159	What Can Be Done to Improve Research Biopsy Quality in Oncology Clinical Trials?. Journal of Oncology Practice, 2018, 14, e722-e728.	2.5	31
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