

# Bradford J Wood

## List of Publications by Year in descending order

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571  
papers

27,809  
citations

5268

83  
h-index

8866

145  
g-index

581  
all docs

581  
docs citations

581  
times ranked

21646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of MR/Ultrasound Fusionâ€“Guided Biopsy With Ultrasound-Guided Biopsy for the Diagnosis of Prostate Cancer. JAMA - Journal of the American Medical Association, 2015, 313, 390.	7.4	1,267
2	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteriaâ€“A 10-Year Update. Radiology, 2014, 273, 241-260.	7.3	870
3	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. New England Journal of Medicine, 2020, 382, 917-928.	27.0	515
4	Pulsed-High Intensity Focused Ultrasound and Low Temperatureâ€“Sensitive Liposomes for Enhanced Targeted Drug Delivery and Antitumor Effect. Clinical Cancer Research, 2007, 13, 2722-2727.	7.0	436
5	Magnetic Resonance Imaging/Ultrasoundâ€“Fusion Biopsy Significantly Upgrades Prostate Cancer Versus Systematic 12-core Transrectal Ultrasound Biopsy. European Urology, 2013, 64, 713-719.	1.9	436
6	Tumor Cell Biodiversity Drives Microenvironmental Reprogramming in Liver Cancer. Cancer Cell, 2019, 36, 418-430.e6.	16.8	433
7	Image-guided Tumor Ablation: Standardization of Terminology and Reporting Criteria. Journal of Vascular and Interventional Radiology, 2009, 20, S377-S390.	0.5	416
8	Magnetic Resonance Imaging/Ultrasound Fusion Guided Prostate Biopsy Improves Cancer Detection Following Transrectal Ultrasound Biopsy and Correlates With Multiparametric Magnetic Resonance Imaging. Journal of Urology, 2011, 186, 1281-1285.	0.4	408
9	Artificial intelligence for the detection of COVID-19 pneumonia on chest CT using multinational datasets. Nature Communications, 2020, 11, 4080.	12.8	405
10	Is Apparent Diffusion Coefficient Associated with Clinical Risk Scores for Prostate Cancers that Are Visible on 3-T MR Images?. Radiology, 2011, 258, 488-495.	7.3	372
11	Image-guided Tumor Ablation: Proposal for Standardization of Terms and Reporting Criteria. Radiology, 2003, 228, 335-345.	7.3	369
12	Image-Guided Tumor Ablation: Standardization of Terminology and Reporting Criteriaâ€“A 10-Year Update. Journal of Vascular and Interventional Radiology, 2014, 25, 1691-1705.e4.	0.5	365
13	Radio-frequency Ablation of Renal Cell Carcinoma: Early Clinical Experience. Radiology, 2000, 217, 665-672.	7.3	331
14	PERCUTANEOUS RADIO FREQUENCY ABLATION OF SMALL RENAL TUMORS: INITIAL RESULTS. Journal of Urology, 2002, 167, 10-15.	0.4	300
15	Federated learning for predicting clinical outcomes in patients with COVID-19. Nature Medicine, 2021, 27, 1735-1743.	30.7	300
16	Prostate Cancer: Interobserver Agreement and Accuracy with the Revised Prostate Imaging Reporting and Data System at Multiparametric MR Imaging. Radiology, 2015, 277, 741-750.	7.3	296
17	Radiofrequency Thermal Ablation of Abdominal Tumors: Lessons Learned from Complications. Radiographics, 2004, 24, 41-52.	3.3	280
18	Real-time MRI-TRUS fusion for guidance of targeted prostate biopsies. Computer Aided Surgery, 2008, 13, 255-264.	1.8	272

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19	Sofosbuvir and Ribavirin for Hepatitis C Genotype 1 in Patients With Unfavorable Treatment Characteristics. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 804.	7.4	265
20	Radiofrequency ablation of adrenal tumors and adrenocortical carcinoma metastases. <i>Cancer</i> , 2003, 97, 554-560.	4.1	258
21	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, 3438-3454.	4.5	247
22	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, 487-494.	9.9	242
23	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.	0.4	227
24	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.	8.9	220
25	Navigation with Electromagnetic Tracking for Interventional Radiology Procedures: A Feasibility Study. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 493-505.	0.5	208
26	Accuracy of multiparametric magnetic resonance imaging in confirming eligibility for active surveillance for men with prostate cancer. <i>Cancer</i> , 2013, 119, 3359-3366.	4.1	205
27	IMAGING GUIDED BIOPSY OF RENAL MASSES: INDICATIONS, ACCURACY AND IMPACT ON CLINICAL MANAGEMENT. <i>Journal of Urology</i> , 1999, 161, 1470-1474.	0.4	201
28	Prostate Cancer: Can Multiparametric MR Imaging Help Identify Patients Who Are Candidates for Active Surveillance?. <i>Radiology</i> , 2013, 268, 144-152.	7.3	201
29	Radiofrequency Ablation Induces Antigen-presenting Cell Infiltration and Amplification of Weak Tumor-induced Immunity. <i>Radiology</i> , 2009, 251, 58-66.	7.3	194
30	Correlation of Magnetic Resonance Imaging Tumor Volume with Histopathology. <i>Journal of Urology</i> , 2012, 188, 1157-1163.	0.4	188
31	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. <i>Radiology</i> , 2018, 286, 186-195.	7.3	188
32	Electromagnetic Tracking for Thermal Ablation and Biopsy Guidance: Clinical Evaluation of Spatial Accuracy. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 1141-1150.	0.5	187
33	RADIO FREQUENCY ABLATION OF RENAL CELL CARCINOMA VIA IMAGE GUIDED NEEDLE ELECTRODES. <i>Journal of Urology</i> , 1999, 161, 599-600.	0.4	186
34	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.	7.4	186
35	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, 3288-3295.	8.6	172
36	Utility of Multiparametric Magnetic Resonance Imaging Suspicion Levels for Detecting Prostate Cancer. <i>Journal of Urology</i> , 2013, 190, 1721-1727.	0.4	171

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37	Intravoxel incoherent motion MR imaging for prostate cancer: An evaluation of perfusion fraction and diffusion coefficient derived from different $\alpha$ value combinations. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 553-562.	3.0	169
38	Initial clinical experience with real-time transrectal ultrasonography-magnetic resonance imaging fusion-guided prostate biopsy. <i>BJU International</i> , 2008, 101, 841-845.	2.5	166
39	Phase IIb 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.	6.3	161
40	Percutaneous tumor ablation with radiofrequency. <i>Cancer</i> , 2002, 94, 443-451.	4.1	160
41	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.	0.5	151
42	Malignant insulinoma. <i>Cancer</i> , 2005, 104, 264-272.	4.1	150
43	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, 140-155.	2.5	150
44	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, 1107-1113.	13.7	148
45	Combined locoregional-immunotherapy for liver cancer. <i>Journal of Hepatology</i> , 2019, 70, 999-1007.	3.7	146
46	Synthesis and in vitro evaluation of cyclic NGR peptide targeted thermally sensitive liposome. <i>Journal of Controlled Release</i> , 2010, 143, 265-273.	9.9	142
47	A Magnetic Resonance Imaging-Based Prediction Model for Prostate Biopsy Risk Stratification. <i>JAMA Oncology</i> , 2018, 4, 678.	7.1	141
48	Clinical Utility of Real-time Fusion Guidance for Biopsy and Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 515-524.	0.5	140
49	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. <i>Radiology</i> , 2019, 290, 709-719.	7.3	140
50	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.	11.6	140
51	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, 1443-1448.	3.4	138
52	Radio Frequency Ablation of Small Renal Tumors: Intermediate Results. <i>Journal of Urology</i> , 2004, 171, 1814-1818.	0.4	137
53	A phase II and pharmacodynamic study of gefitinib in patients with refractory or recurrent epithelial ovarian cancer. <i>Cancer</i> , 2007, 109, 1323-1330.	4.1	134
54	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.	1.6	133

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55	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.	3.7	133
56	Diagnostic value of biparametric magnetic resonance imaging (<sc>MRI</sc>) as an adjunct to prostate-specific antigen (<sc>PSA</sc>)-based detection of prostate cancer in men without prior biopsies. <i>BJU International</i> , 2015, 115, 381-388.	2.5	128
57	Multiparametric prostate magnetic resonance imaging in the evaluation of prostate cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2016, 66, 326-336.	329.8	128
58	Multimodality Image Fusion-Guided Procedures: Technique, Accuracy, and Applications. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 986-998.	2.0	127
59	Targeted drug delivery by high intensity focused ultrasound mediated hyperthermia combined with temperature-sensitive liposomes: Computational modelling and preliminary <i>in vivo</i> validation. <i>International Journal of Hyperthermia</i> , 2012, 28, 337-348.	2.5	127
60	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.	0.4	127
61	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.	7.3	126
62	Mild hyperthermia with magnetic resonance-guided high-intensity focused ultrasound for applications in drug delivery. <i>International Journal of Hyperthermia</i> , 2012, 28, 320-336.	2.5	119
63	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, 1309-1319.	1.5	117
64	Prospective Evaluation of the Prostate Imaging Reporting and Data System Version 2 for Prostate Cancer Detection. <i>Journal of Urology</i> , 2016, 196, 690-696.	0.4	116
65	D'Amico Risk Stratification Correlates With Degree of Suspicion of Prostate Cancer on Multiparametric Magnetic Resonance Imaging. <i>Journal of Urology</i> , 2011, 185, 815-820.	0.4	113
66	Phase I Study of Heat-Deployed Liposomal Doxorubicin during Radiofrequency Ablation for Hepatic Malignancies. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 248-255.e7.	0.5	113
67	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, 3465-3474.	1.6	112
68	Percutaneous Ablation in the Kidney. <i>Radiology</i> , 2011, 261, 375-391.	7.3	111
69	Current status of magnetic resonance imaging (<sc>MRI</sc>) and ultrasonography fusion software platforms for guidance of prostate biopsies. <i>BJU International</i> , 2014, 114, 641-652.	2.5	111
70	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, 257-264.e4.	0.5	109
71	Adjuvant Immunotherapy to Improve Outcome in High-Risk Pediatric Sarcomas. <i>Clinical Cancer Research</i> , 2016, 22, 3182-3191.	7.0	109
72	Real-time FDG PET Guidance during Biopsies and Radiofrequency Ablation Using Multimodality Fusion with Electromagnetic Navigation. <i>Radiology</i> , 2011, 260, 848-856.	7.3	108

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73	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, 383-387.	7.3	105
74	Multiparametric magnetic resonance imaging (<scp>MRI</scp>) and subsequent <scp>MRI</scp>/ultrasonography fusionâ€guided biopsy increase the detection of anteriorly located prostate cancers. <i>BJU International</i> , 2014, 114, E43-E49.	2.5	103
75	Intraâ€and interreader reproducibility of PIâ€RADSv2: A multireader study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1694-1703.	3.4	102
76	Pulsed High-Intensity Focused Ultrasound Enhances Thrombolysis in an in Vitro Model. <i>Radiology</i> , 2006, 239, 86-93.	7.3	101
77	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.	4.2	97
78	Navigation Systems for Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, S257-S263.	0.5	96
79	Fabricating biomedical origami: a state-of-the-art review. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 2023-2032.	2.8	95
80	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.	7.0	94
81	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.	2.5	93
82	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.	4.4	93
83	Low suspicion lesions on multiparametric magnetic resonance imaging predict for the absence of highâ€risk prostate cancer. <i>BJU International</i> , 2012, 110, E783-8.	2.5	91
84	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.	0.4	90
85	Radiofrequency Ablation of Cancer. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 427-34.	2.0	89
86	Operative management for recurrent and metastatic adrenocortical carcinoma. <i>Journal of Surgical Oncology</i> , 2012, 105, 709-713.	1.7	89
87	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?. <i>Journal of Urology</i> , 2018, 199, 976-982.	0.4	89
88	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.	0.4	84
89	Radiofrequency Ablation: a Novel Approach for Treatment of Metastatic Pheochromocytoma. <i>Journal of the National Cancer Institute</i> , 2001, 93, 648-649.	6.3	83
90	Precision targeting of liver lesions using a novel electromagnetic navigation device in physiologic phantom and swine. <i>Medical Physics</i> , 2005, 32, 2698-2705.	3.0	83

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91	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, 664-672.	7.0	83
92	Comparison of Conventional Chemotherapy, Stealth Liposomes and Temperature-Sensitive Liposomes in a Mathematical Model. <i>PLoS ONE</i> , 2012, 7, e47453.	2.5	82
93	C-arm cone-beam computed tomography in interventional oncology: technical aspects and clinical applications. <i>Radiologia Medica</i> , 2014, 119, 521-532.	7.7	81
94	Automated prostate cancer detection using $T_2$ -weighted and high $b$ -value diffusion-weighted magnetic resonance imaging. <i>Medical Physics</i> , 2015, 42, 2368-2378.	3.0	81
95	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, 125-134.	1.0	81
96	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, 1967-1969.	0.5	79
97	Accuracy and efficacy of percutaneous biopsy and ablation using robotic assistance under computed tomography guidance: a phantom study. <i>European Radiology</i> , 2014, 24, 723-730.	4.5	79
98	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.	3.9	79
99	Development of Imageable Beads for Transcatheter Embolotherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 865-876.	0.5	78
100	Tremelimumab in Combination With Microwave Ablation in Patients With Refractory Biliary Tract Cancer. <i>Hepatology</i> , 2019, 69, 2048-2060.	7.3	77
101	CT Virtual Bronchoscopy of the Central Airways in Patients With Wegener's Granulomatosis. <i>Chest</i> , 2002, 121, 242-250.	0.8	76
102	Electromagnetic tracking for abdominal interventions in computer aided surgery. <i>Computer Aided Surgery</i> , 2006, 11, 127-136.	1.8	75
103	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.	2.2	75
104	A Novel Inherently Radiopaque Bead for Transarterial Embolization to Treat Liver Cancer - A Pre-clinical Study. <i>Theranostics</i> , 2016, 6, 28-39.	10.0	74
105	Can Magnetic Resonance-Ultrasound Fusion Biopsy Improve Cancer Detection in Enlarged Prostates?. <i>Journal of Urology</i> , 2013, 190, 2020-2025.	0.4	73
106	Effects of Perfusion on Radiofrequency Ablation in Swine Kidneys. <i>Radiology</i> , 2004, 231, 500-505.	7.3	72
107	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.	7.3	72
108	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.	1.7	70

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109	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.	2.7	69
110	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, djw039.	6.3	68
111	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. <i>European Radiology</i> , 2018, 28, 4407-4417.	4.5	68
112	Contemporary treatments in prostate cancer focal therapy. <i>Current Opinion in Oncology</i> , 2019, 31, 200-206.	2.4	68
113	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, 1047-1052.	0.5	67
114	Characterization of a novel intrinsically radiopaque Drug-eluting Bead for image-guided therapy: DC Bead LUMIâ„¢. <i>Journal of Controlled Release</i> , 2017, 250, 36-47.	9.9	67
115	Thermal Protection during Percutaneous Thermal Ablation of Renal Cell Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2004, 15, 753-758.	0.5	66
116	Partial Nephrectomy After Previous Radio Frequency Ablation: The National Cancer Institute Experience. <i>Journal of Urology</i> , 2009, 182, 2158-2163.	0.4	66
117	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.	0.4	66
118	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.	1.9	66
119	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.	1.8	65
120	Interventional Radiology ex-machina: impact of Artificial Intelligence on practice. <i>Radiologia Medica</i> , 2021, 126, 998-1006.	7.7	63
121	Accelerated $T_2$ mapping for characterization of prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1400-1406.	3.0	62
122	Use of Patient-specific MRI-based Prostate Mold for Validation of Multiparametric MRI in Localization of Prostate Cancer. <i>Urology</i> , 2012, 79, 233-239.	1.0	61
123	CT Fluoroscopy Shielding: Decreases in Scattered Radiation for the Patient and Operator. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1999-2004.	0.5	60
124	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, 293-298.	1.5	60
125	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.	0.4	60
126	Image-Guided Adrenal and Renal Biopsy. <i>Techniques in Vascular and Interventional Radiology</i> , 2010, 13, 100-109.	1.0	59



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127	Liver Resection and Ablation for Metastatic Adrenocortical Carcinoma. <i>Annals of Surgical Oncology</i> , 2011, 18, 1972-1979.	1.5	59
128	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.	11.6	59
129	Augmented and Mixed Reality: Technologies for Enhancing the Future of IR. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1074-1082.	0.5	59
130	Comparison of calculated and acquired high b value diffusion-weighted imaging in prostate cancer. <i>Abdominal Imaging</i> , 2015, 40, 578-586.	2.0	58
131	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.	2.5	57
132	Clinical impact of PSMA-based <sup>18</sup> F-DCFPET/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.	6.4	57
133	Deep Recurrent Neural Networks for Prostate Cancer Detection: Analysis of Temporal Enhanced Ultrasound. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2695-2703.	8.9	57
134	Immunotherapy and the Interventional Oncologist: Challenges and Opportunities—A Society of Interventional Oncology White Paper. <i>Radiology</i> , 2019, 292, 25-34.	7.3	57
135	Pulsed High-Intensity Focused Ultrasound Enhances Apoptosis and Growth Inhibition of Squamous Cell Carcinoma Xenografts with Proteasome Inhibitor Bortezomib. <i>Radiology</i> , 2008, 248, 485-491.	7.3	56
136	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.	0.4	56
137	DCE MRI of prostate cancer. <i>Abdominal Radiology</i> , 2016, 41, 844-853.	2.1	56
138	Documenting the location of prostate biopsies with image fusion. <i>BJU International</i> , 2011, 107, 53-57.	2.5	55
139	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, 1642-1649.	0.4	55
140	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, 1648-1657.	5.1	55
141	Fiber-Optic Force Sensors for MRI-Guided Interventions and Rehabilitation: A Review. <i>IEEE Sensors Journal</i> , 2017, 17, 1952-1963.	4.7	54
142	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.	7.0	54
143	Validation of PI-RADS Version 2 in Transition Zone Lesions for the Detection of Prostate Cancer. <i>Radiology</i> , 2018, 288, 485-491.	7.3	53
144	Very distal apical prostate tumours: identification on multiparametric MRI at 3 Tesla. <i>BJU International</i> , 2012, 110, E694-700.	2.5	52

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145	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.	3.9	52
146	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.	3.4	52
147	Radiofrequency Thermal Ablation of a Splenic Metastasis. <i>Journal of Vascular and Interventional Radiology</i> , 2001, 12, 261-263.	0.5	51
148	<i>In vitro</i> and <i>in vivo</i> 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, 537-549.	2.5	51
149	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, 1369-1380.	6.3	51
150	Radiofrequency Ablation of Metastatic Pheochromocytoma. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 1483-1490.	0.5	51
151	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, 247-252.	0.5	50
152	Percutaneous radio frequency ablation of small renal tumors: initial results. <i>Journal of Urology</i> , 2002, 167, 10-5.	0.4	50
153	Recent advances in image-guided targeted prostate biopsy. <i>Abdominal Imaging</i> , 2015, 40, 1788-1799.	2.0	48
154	First Human Experience with Directly Image-able Iodinated Embolization Microbeads. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 1177-1186.	2.0	47
155	Radiofrequency ablation beyond the liver. <i>Techniques in Vascular and Interventional Radiology</i> , 2002, 5, 156-163.	1.0	46
156	Thermochromic tissue-mimicking phantom for optimisation of thermal tumour ablation. <i>International Journal of Hyperthermia</i> , 2016, 32, 239-243.	2.5	46
157	Percutaneous Ablation of Adrenal Tumors. <i>Techniques in Vascular and Interventional Radiology</i> , 2010, 13, 89-99.	1.0	45
158	Reduction of peak acoustic pressure and shaping of heated region by use of multifoci sonications in MR-guided high intensity focused ultrasound mediated mild hyperthermia. <i>Medical Physics</i> , 2013, 40, 013301.	3.0	45
159	Multiparametric Magnetic Resonance Imaging and Image-Guided Biopsy to Detect Seminal Vesicle Invasion by Prostate Cancer. <i>Journal of Endourology</i> , 2014, 28, 1283-1289.	2.1	45
160	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, 772-779.	2.5	45
161	Multiparametric Magnetic Resonance Imaging of Recurrent Prostate Cancer. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 139-147.	1.2	44
162	Quality of Prostate MRI: Is the PI-RADS Standard Sufficient?. <i>Academic Radiology</i> , 2021, 28, 199-207.	2.5	44

#	ARTICLE	IF	CITATIONS
163	Determination of disease severity in COVID-19 patients using deep learning in chest X-ray images. Diagnostic and Interventional Radiology, 2021, 27, 20-27.	1.5	44
164	Closed-Loop Control in Fused MR-TRUS Image-Guided Prostate Biopsy. , 2007, 10, 128-135.		44
165	Percutaneous Radiofrequency Ablation of Chordoma. American Journal of Roentgenology, 2002, 179, 1330-1332.	2.2	43
166	How to Handle a COVID-19 Patient in the Angiographic Suite. CardioVascular and Interventional Radiology, 2020, 43, 820-826.	2.0	43
167	Multi-Domain Image Completion for Random Missing Input Data. IEEE Transactions on Medical Imaging, 2021, 40, 1113-1122.	8.9	43
168	PERCUTANEOUS RADIO FREQUENCY ABLATION OF SMALL RENAL TUMORS:. Journal of Urology, 2002, , 10-15.	0.4	43
169	Thermal Protection with 5% Dextrose Solution Blanket During Radiofrequency Ablation. CardioVascular and Interventional Radiology, 2006, 29, 1093-1096.	2.0	42
170	Magnetic Resonance Imagingâ€“guided Volumetric Ablation of Symptomatic Leiomyomata: Correlation of Imaging with Histology. Journal of Vascular and Interventional Radiology, 2012, 23, 786-794.e4.	0.5	42
171	Assessing the barriers to imageâ€“guided drug delivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 1-14.	6.1	42
172	Tumor contact with prostate capsule on magnetic resonance imaging: A potential biomarker for staging and prognosis. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 30.e1-30.e8.	1.6	42
173	Chronic Radiographic Lung Changes in Children with Vertically Transmitted HIV-1 Infection. American Journal of Roentgenology, 2001, 176, 1553-1558.	2.2	41
174	Magnetic Resonance Imaging/Transrectal Ultrasonography Fusion Prostate Biopsy Significantly Outperforms Systematic 12â€“Core Biopsy for Prediction of Total Magnetic Resonance Imaging Tumor Volume in Active Surveillance Patients. Journal of Endourology, 2015, 29, 1115-1121.	2.1	41
175	Remote Thermometry to Avoid Complications in Radiofrequency Ablation. Journal of Vascular and Interventional Radiology, 2003, 14, 1569-1576.	0.5	40
176	Hepatic radiofrequency ablation at low frequencies preferentially heats tumour tissue. International Journal of Hyperthermia, 2006, 22, 563-574.	2.5	40
177	Image Fusion During Vascular and Nonvascular Image-Guided Procedures. Techniques in Vascular and Interventional Radiology, 2013, 16, 168-176.	1.0	40
178	Robotic System for MRI-Guided Focal Laser Ablation in the Prostate. IEEE/ASME Transactions on Mechatronics, 2017, 22, 107-114.	5.8	39
179	Applications of Wireless Power Transfer in Medicine: State-of-the-Art Reviews. Annals of Biomedical Engineering, 2019, 47, 22-38.	2.5	39
180	Optimal high b-value for diffusion weighted MRI in diagnosing high risk prostate cancers in the peripheral zone. Journal of Magnetic Resonance Imaging, 2017, 45, 125-131.	3.4	38

#	ARTICLE	IF	CITATIONS
181	<sup>18</sup> 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.	5.0	38
182	Electromagnetic Navigation for Thoracic Aortic Stent-graft Deployment: A Pilot Study in Swine. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 888-895.	0.5	37
183	Synthesis and characterization of image-able polyvinyl alcohol microspheres for image-guided chemoembolization. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 198.	3.6	37
184	Detection and grading of prostate cancer using temporal enhanced ultrasound: combining deep neural networks and tissue mimicking simulations. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1293-1305.	2.8	36
185	MRI-Guided Robotically Assisted Focal Laser Ablation of the Prostate Using Canine Cadavers. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1434-1442.	4.2	36
186	Electromagnetic Tracking for Image-Guided Abdominal Procedures: Overall System and Technical Issues. , 2005, 2005, 6748-53.		35
187	Multiparametric MRI in Biopsy Guidance for Prostate Cancer: Fusion-Guided. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	35
188	Prospective Randomized Trial for Image-Guided Biopsy Using Cone-Beam CT Navigation Compared with Conventional CT. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1342-1349.	0.5	35
189	DC BeadM1,ϕ: towards an optimal transcatheter hepatic tumour therapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 13.	3.6	35
190	Cone-Beam Computed Tomography Fusion and Navigation for Real-Time Positron Emission Tomography-guided Biopsies and Ablations: A Feasibility Study. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 737-743.	0.5	34
191	Posterior subcapsular prostate cancer: identification with mpMRI and MRI/TRUS fusion-guided biopsy. <i>Abdominal Imaging</i> , 2015, 40, 2557-2565.	2.0	34
192	Detection of prostate cancer using temporal sequences of ultrasound data: a large clinical feasibility study. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 947-956.	2.8	34
193	Tissue-mimicking thermochromic phantom for characterization of HIFU devices and applications. <i>International Journal of Hyperthermia</i> , 2019, 36, 517-528.	2.5	34
194	Detection of prostate cancer in multiparametric MRI using random forest with instance weighting. <i>Journal of Medical Imaging</i> , 2017, 4, 024506.	1.5	33
195	Prostate Cancer: A Correlative Study of Multiparametric MR Imaging and Digital Histopathology. <i>Radiology</i> , 2017, 285, 147-156.	7.3	33
196	HELICAL CT AND URETERAL COLIC. <i>Urologic Clinics of North America</i> , 2000, 27, 231-241.	1.8	32
197	Cytotoxicity of hepatocellular carcinoma cells to hyperthermic and ablative temperature exposures: <i>in vitro</i> studies and mathematical modelling. <i>International Journal of Hyperthermia</i> , 2013, 29, 318-323.	2.5	32
198	Image-guided Nerve Cryoablation for Post-thoracotomy Pain Syndrome. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 843-846.	2.0	32

#	ARTICLE	IF	CITATIONS
199	Multiparametric magnetic resonance imaging-transrectal ultrasound fusion-assisted biopsy for the diagnosis of local recurrence after radical prostatectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 425.e1-425.e6.	1.6	32
200	Boiling histotripsy lesion characterization on a clinical magnetic resonance imaging-guided high intensity focused ultrasound system. <i>PLoS ONE</i> , 2017, 12, e0173867.	2.5	32
201	Preoperative Multiparametric Magnetic Resonance Imaging Predicts Biochemical Recurrence in Prostate Cancer after Radical Prostatectomy. <i>PLoS ONE</i> , 2016, 11, e0157313.	2.5	32
202	Phase I/Ib study of olaparib and carboplatin in women with triple negative breast cancer. <i>Oncotarget</i> , 2017, 8, 79175-79187.	1.8	32
203	Radiofrequency Cauterization with Biopsy Introducer Needle. <i>Journal of Vascular and Interventional Radiology</i> , 2004, 15, 183-187.	0.5	31
204	Magnetic resonance imaging (MRI)-guided transurethral ultrasound therapy of the prostate: a preclinical study with radiological and pathological correlation using customised MRI-based moulds. <i>BJU International</i> , 2013, 112, 508-516.	2.5	31
205	Clinical Experience with Cone-Beam CT Navigation for Tumor Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 214-219.	0.5	31
206	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.	3.4	31
207	What Can Be Done to Improve Research Biopsy Quality in Oncology Clinical Trials?. <i>Journal of Oncology Practice</i> , 2018, 14, e722-e728.	2.5	31
208	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.	7.3	31
209	Follow-up of negative MRI-targeted prostate biopsies: when are we missing cancer?. <i>World Journal of Urology</i> , 2019, 37, 235-241.	2.2	31
210	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.	2.3	31
211	Segmentation and quantification of pulmonary artery for noninvasive CT assessment of sickle cell secondary pulmonary hypertension. <i>Medical Physics</i> , 2010, 37, 1522-1532.	3.0	30
212	The Role of Image Guided Biopsy Targeting in Patients with Atypical Small Acinar Proliferation. <i>Journal of Urology</i> , 2015, 193, 473-478.	0.4	30
213	Convolutional neural network based deep-learning architecture for prostate cancer detection on multiparametric magnetic resonance images. <i>Proceedings of SPIE</i> , 2017, , .	0.8	30
214	Current beliefs and practice patterns among urologists regarding prostate magnetic resonance imaging and magnetic resonance-targeted biopsy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 32.e1-32.e7.	1.6	30
215	Sensorless Freehand 3D Ultrasound Reconstruction via Deep Contextual Learning. <i>Lecture Notes in Computer Science</i> , 2020, , 463-472.	1.3	30
216	A Pilot Feasibility Study of TNFerade, a Biologic with Capecitabine and Radiation Therapy Followed by Surgical Resection for the Treatment of Rectal Cancer. <i>Oncology</i> , 2010, 79, 382-388.	1.9	29

#	ARTICLE	IF	CITATIONS
217	Multicenter Multireader Evaluation of an Artificial Intelligence-Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI. American Journal of Roentgenology, 2020, 215, 903-912.	2.2	29
218	Why Does Magnetic Resonance Imaging-Targeted Biopsy Miss Clinically Significant Cancer?. Journal of Urology, 2022, 207, 95-107.	0.4	29
219	AIDS-Associated Intussusception in Young Adults. Journal of Clinical Gastroenterology, 1995, 21, 158-162.	2.2	28
220	Heavy Metal Pad Shielding during Fluoroscopic Interventions. Journal of Vascular and Interventional Radiology, 2006, 17, 1201-1206.	0.5	28
221	Temperature-sensitive liposome-mediated delivery of thrombolytic agents. International Journal of Hyperthermia, 2015, 31, 67-73.	2.5	28
222	Evaluation of a tissue-mimicking thermochromic phantom for radiofrequency ablation. Medical Physics, 2016, 43, 4304-4311.	3.0	28
223	Does Abstinence From Ejaculation Before Prostate MRI Improve Evaluation of the Seminal Vesicles?. American Journal of Roentgenology, 2016, 207, 1205-1209.	2.2	28
224	Multimodality Image-Guided Cryoablation for Inoperable Tumor-Induced Osteomalacia. Journal of Bone and Mineral Research, 2017, 32, 2248-2256.	2.8	28
225	Biopsy-guided learning with deep convolutional neural networks for Prostate Cancer detection on multiparametric MRI. , 2017, , .		28
226	Smartphone Augmented Reality CT-Based Platform for Needle Insertion Guidance: A Phantom Study. CardioVascular and Interventional Radiology, 2020, 43, 756-764.	2.0	28
227	Tension Pneumocephalus and Tension Orbital Emphysema Following Blunt Trauma. Annals of Emergency Medicine, 1996, 28, 446-449.	0.6	27
228	Personalized Oncology in Interventional Radiology. Journal of Vascular and Interventional Radiology, 2013, 24, 1083-1092.	0.5	27
229	PERCUTANEOUS RADIO FREQUENCY ABLATION FOR HEMATURIA. Journal of Urology, 2001, 166, 2303-2304.	0.4	26
230	Inhalational Anthrax: Radiologic and Pathologic Findings in Two Cases. American Journal of Roentgenology, 2003, 181, 1071-1078.	2.2	26
231	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. American Journal of Roentgenology, 2018, 211, W33-W41.	2.2	26
232	Impact of bowel preparation with Fleet™ enema on prostate MRI quality. Abdominal Radiology, 2020, 45, 4252-4259.	2.1	26
233	Magnetic resonance imaging of localized prostate cancer: coming of age in the psa era. Diagnostic and Interventional Radiology, 2011, 18, 34-45.	1.5	26
234	The significance of anterior prostate lesions on multiparametric magnetic resonance imaging in African-American men. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 254.e15-254.e21.	1.6	25

#	ARTICLE	IF	CITATIONS
235	Transfer learning from RF to B-mode temporal enhanced ultrasound features for prostate cancer detection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1111-1121.	2.8	25
236	Bench-to-clinic development of imageable drug-eluting embolization beads: finding the balance. <i>Future Oncology</i> , 2018, 14, 2741-2760.	2.4	25
237	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.	1.5	25
238	Drug-eluting embolic microspheres: State-of-the-art and emerging clinical applications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 383-398.	5.0	25
239	Radiofrequency Ablation for Tumor-Related Massive Hematuria. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 417-421.	0.5	24
240	Feasibility and safety of sequential research-related tumor core biopsies in clinical trials. <i>Cancer</i> , 2013, 119, 1357-1364.	4.1	24
241	Automatic Segmentation and Quantification of White and Brown Adipose Tissues from PET/CT Scans. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 734-744.	8.9	24
242	Deep adaptive registration of multi-modal prostate images. <i>Computerized Medical Imaging and Graphics</i> , 2020, 84, 101769.	5.8	24
243	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of <sup>18</sup> F-DCFPyL PET/CT with Comparison to Multiparametric MRI. <i>Radiology</i> , 2020, 296, 564-572.	7.3	24
244	Postpartum exacerbation of antenatal COVID-19 pneumonia in 3 women. <i>Cmaj</i> , 2020, 192, E603-E606.	2.0	24
245	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.	5.4	24
246	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.	0.4	24
247	Radiofrequency Ablation of Renal Tumors. <i>Techniques in Vascular and Interventional Radiology</i> , 2007, 10, 132-139.	1.0	23
248	Association of Interleukin-15-Induced Peripheral Immune Activation with Hepatic Stellate Cell Activation in Persons Coinfected with Hepatitis C Virus and HIV. <i>Journal of Infectious Diseases</i> , 2009, 200, 619-623.	4.0	23
249	MRI-based prostate volume-adjusted prostate-specific antigen in the diagnosis of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1733-1739.	3.4	23
250	<sup>18</sup> F-DCFBC Prostate-Specific Membrane Antigen-Targeted PET/CT Imaging in Localized Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2017, 42, 735-740.	1.3	23
251	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.	2.5	23
252	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.	2.5	23

#	ARTICLE	IF	CITATIONS
253	Fusion prostate biopsy outperforms 12-core systematic prostate biopsy in patients with prior negative systematic biopsy: A multi-institutional analysis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 341.e1-341.e7.	1.6	23
254	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.	2.5	23
255	Data Augmentation and Transfer Learning to Improve Generalizability of an Automated Prostate Segmentation Model. <i>American Journal of Roentgenology</i> , 2020, 215, 1403-1410.	2.2	23
256	Radiofrequency ablation for cancer-associated pain. <i>Journal of Pain</i> , 2002, 3, 471-473.	1.4	22
257	A prostate cancer computer-aided diagnosis system using multimodal magnetic resonance imaging and targeted biopsy labels. , 2013, , .		22
258	Interventional Optical Molecular Imaging Guidance during Percutaneous Biopsy. <i>Radiology</i> , 2014, 271, 770-777.	7.3	22
259	Is Visual Registration Equivalent to Semiautomated Registration in Prostate Biopsy?. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	22
260	Does focal incidental 18F-FDG PET/CT uptake in the prostate have significance?. <i>Abdominal Imaging</i> , 2015, 40, 3222-3229.	2.0	22
261	Multimodality Imaging of Ethiodized Oil-Loaded Radiopaque Microspheres during Transarterial Embolization of Rabbits with VX2 Liver Tumors. <i>Radiology</i> , 2016, 279, 741-753.	7.3	22
262	Correlation of magnetic resonance imaging with digital histopathology in prostate. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 657-666.	2.8	22
263	Clinical impact of cone beam computed tomography on iterative treatment planning during ultrasound-guided percutaneous ablation of liver malignancies. <i>Medical Oncology</i> , 2017, 34, 113.	2.5	22
264	Prospective Evaluation of <sup>18</sup> 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.	2.2	22
265	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.	3.7	22
266	Documenting the location of systematic transrectal ultrasound-guided prostate biopsies: correlation with multi-parametric MRI. <i>Cancer Imaging</i> , 2011, 11, 31-36.	2.8	21
267	Ultrasound-Based Detection of Prostate Cancer Using Automatic Feature Selection with Deep Belief Networks. <i>Lecture Notes in Computer Science</i> , 2015, , 70-77.	1.3	21
268	Multiparametric MRI for the detection of local recurrence of prostate cancer in the setting of biochemical recurrence after low dose rate brachytherapy. <i>Diagnostic and Interventional Radiology</i> , 2018, 24, 46-53.	1.5	21
269	Preparation of a radiology department in an Italian hospital dedicated to COVID-19 patients. <i>Radiologia Medica</i> , 2020, 125, 894-901.	7.7	21
270	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.	2.5	21



#	ARTICLE	IF	CITATIONS
271	Electromagnetic tracking for abdominal interventions in computer aided surgery. <i>Computer Aided Surgery</i> , 2006, 11, 127-136.	1.8	21
272	Radiofrequency-Assisted Laparoscopic Partial Nephrectomy: Clinical and Histologic Results. <i>Journal of Endourology</i> , 2007, 21, 600-605.	2.1	20
273	Prostate Cancer Diagnosis on Repeat Magnetic Resonance Imaging-Transrectal Ultrasound Fusion Biopsy of Benign Lesions: Recommendations for Repeat Sampling. <i>Journal of Urology</i> , 2016, 196, 62-67.	0.4	20
274	Preparation of Radiopaque Drug-Eluting Beads for Transcatheter Chemoembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 117-126.e3.	0.5	20
275	Lyso-thermosensitive liposomal doxorubicin for treatment of bladder cancer. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-8.	2.5	20
276	Ultra-small superparamagnetic iron oxide contrast agents for lymph node staging of high-risk prostate cancer. <i>Translational Andrology and Urology</i> , 2018, 7, S453-S461.	1.4	20
277	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.	2.8	20
278	Deep learning-based liver segmentation for fusion-guided intervention. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 963-972.	2.8	20
279	Image-guided focal therapy for prostate cancer. <i>Diagnostic and Interventional Radiology</i> , 2014, 20, 492-497.	1.5	20
280	Radio Frequency Ablation Registration, Segmentation, and Fusion Tool. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006, 10, 490-496.	3.2	19
281	Evaluation of pulsed high intensity focused ultrasound exposures on metastasis in a murine model. <i>Clinical and Experimental Metastasis</i> , 2009, 26, 729-738.	3.3	19
282	<i>In Vitro</i> Investigations Into Enhancement of tPA Bioavailability in Whole Blood Clots Using Pulsed High Intensity Focused Ultrasound Exposures. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 33-36.	4.2	19
283	Efficient data mining for local binary pattern in texture image analysis. <i>Expert Systems With Applications</i> , 2015, 42, 4529-4539.	7.6	19
284	Ruling out clinically significant prostate cancer with negative multi-parametric MRI. <i>International Urology and Nephrology</i> , 2018, 50, 7-12.	1.4	19
285	Electromagnetic Tracking-Guided Percutaneous Intrahepatic Portosystemic Shunt Creation in a Swine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 303-307.	0.5	18
286	Real-time tracking of liver motion and deformation using a flexible needle. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2011, 6, 435-446.	2.8	18
287	Reproducibility of Multiparametric Magnetic Resonance Imaging and Fusion Guided Prostate Biopsy: Multi-Institutional External Validation by a Propensity Score Matched Cohort. <i>Journal of Urology</i> , 2016, 195, 1737-1743.	0.4	18
288	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.	3.4	18

#	ARTICLE	IF	CITATIONS
289	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
290	Deep learning-based artificial intelligence for prostate cancer detection at biparametric MRI. <i>Abdominal Radiology</i> , 2022, 47, 1425-1434.	2.1	18
291	Twice-weekly pegylated interferon- $\alpha$ -2a and ribavirin results in superior viral kinetics in HIV/hepatitis C virus co-infected patients compared to standard therapy. <i>Aids</i> , 2011, 25, 1179-1187.	2.2	17
292	Intra-hepatic vessel segmentation and classification in multi-phase CT using optimized graph cuts. , 2011, , .		17
293	Magnetic Resonance Sentinel Lymph Node Imaging of the Prostate with Gadofosveset Trisodium $\alpha$ -Albumin. <i>Academic Radiology</i> , 2015, 22, 646-652.	2.5	17
294	Direct Quantification and Comparison of Intratumoral Hypoxia following Transcatheter Arterial Embolization of VX2 Liver Tumors with Different Diameter Microspheres. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1567-1573.	0.5	17
295	Microvascular Perfusion Changes following Transarterial Hepatic Tumor Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 133-141.e3.	0.5	17
296	“Super-active surveillance” MRI ultrasound fusion biopsy and ablation for less invasive management of prostate cancer. <i>Gland Surgery</i> , 2018, 7, 166-187.	1.1	17
297	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.	2.8	17
298	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.	2.2	17
299	Prospective Evaluation of PI-RADS Version 2.1 for Prostate Cancer Detection. <i>American Journal of Roentgenology</i> , 2020, 215, 1098-1103.	2.2	17
300	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.	2.0	17
301	Synthesis and characterisation of ultrasound imageable heat-sensitive liposomes for HIFU therapy. <i>International Journal of Hyperthermia</i> , 2015, 31, 674-85.	2.5	17
302	Percutaneous radiofrequency ablation of hepatocellular carcinoma in the presence of portal vein thrombosis. <i>Clinical Imaging</i> , 2003, 27, 417-420.	1.5	16
303	Laser Navigation for Radiofrequency Ablation. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 512-5.	2.0	16
304	Respiratory Biofeedback during CT-guided Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 749-755.	0.5	16
305	Multimodality Fusion with MRI, CT, and Ultrasound Contrast for Ablation of Renal Cell Carcinoma. <i>Case Reports in Urology</i> , 2012, 2012, 1-5.	0.3	16
306	Liposomal Doxorubicin Plus Radiofrequency Ablation for Complete Necrosis of a Hepatocellular Carcinoma. <i>Current Oncology</i> , 2013, 20, 274-277.	2.2	16

#	ARTICLE	IF	CITATIONS
307	Prostate Biopsy for the Interventional Radiologist. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 675-684.	0.5	15
308	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.	2.8	15
309	Palliation of soft tissue cancer pain with radiofrequency ablation. <i>The Journal of Supportive Oncology</i> , 2004, 2, 439-45.	2.3	15
310	A novel end-effector design for robotics in image-guided needle procedures. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2006, 2, 91-97.	2.3	14
311	Palliative Radiofrequency Ablation for Recurrent Prostate Cancer. <i>CardioVascular and Interventional Radiology</i> , 2006, 29, 482-485.	2.0	14
312	MRI-compatible hands-on cooperative control of a pneumatically actuated robot. , 2009, 2009, 2681-2686.		14
313	Image guidance in the focal treatment of prostate cancer. <i>Current Opinion in Urology</i> , 2012, 22, 328-335.	1.8	14
314	Transarterial Chemoembolization in a Woodchuck Model of Hepatocellular Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 812-819.e1.	0.5	14
315	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.	5.4	14
316	Respiratory motion compensation with tracked internal and external sensors during CT-guided procedures. <i>Computer Aided Surgery</i> , 2006, 11, 119-125.	1.8	14
317	Tactile feedback and display system for CT-guided, robot-assisted percutaneous procedures. <i>International Congress Series</i> , 2004, 1268, 521-526.	0.2	13
318	Radiologic aspects of islet cell transplantation. <i>Current Diabetes Reports</i> , 2006, 6, 310-315.	4.2	13
319	Emerging Local Ablation Techniques. <i>Seminars in Interventional Radiology</i> , 2006, 23, 085-098.	0.8	13
320	Magnetic Resonance-Guided Drug Delivery. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2015, 23, 643-655.	1.1	13
321	Evaluating the size criterion for PI-RADSv2 category 5 upgrade: is 15Âmm the best threshold?. <i>Abdominal Radiology</i> , 2018, 43, 3436-3444.	2.1	13
322	High Speed Pneumatic Stepper Motor for MRI Applications. <i>Annals of Biomedical Engineering</i> , 2019, 47, 826-835.	2.5	13
323	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.	4.5	13
324	Appropriate Premedication Risk Reduction During Adrenal Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1367-1368.	0.5	12

#	ARTICLE	IF	CITATIONS
325	Intermittent Hepatic Vein Balloon Occlusion During Radiofrequency Ablation in the Liver. CardioVascular and Interventional Radiology, 2006, 29, 1088-1092.	2.0	12
326	Real-time Sonography With Electromagnetic Tracking Navigation for Biopsy of a Hepatic Neoplasm Seen Only on Arterial Phase Computed Tomography. Journal of Ultrasound in Medicine, 2011, 30, 253-256.	1.7	12
327	Dual-phase Cone-beam Computed Tomography to See, Reach, and Treat Hepatocellular Carcinoma during Drug-eluting Beads Transarterial Chemo-embolization. Journal of Visualized Experiments, 2013, , 50795.	0.3	12
328	Differentiating Transition Zone Cancers From Benign Prostatic Hyperplasia by Quantitative Multiparametric Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2016, 40, 218-224.	0.9	12
329	Should Hypoechoic Lesions on Transrectal Ultrasound Be Sampled During Magnetic Resonance Imaging-targeted Prostate Biopsy?. Urology, 2017, 105, 113-117.	1.0	12
330	Incidental bladder cancers found on multiparametric MRI of the prostate gland: a single center experience. Diagnostic and Interventional Radiology, 2018, 24, 316-320.	1.5	12
331	A Multireader Exploratory Evaluation of Individual Pulse Sequence Cancer Detection on Prostate Multiparametric Magnetic Resonance Imaging (MRI). Academic Radiology, 2019, 26, 5-14.	2.5	12
332	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. IEEE Access, 2021, 9, 87531-87542.	4.2	12
333	Liver Segmental Anatomy and Analysis from Vessel and Tumor Segmentation via Optimized Graph Cuts. Lecture Notes in Computer Science, 2012, , 189-197.	1.3	12
334	Angiographic findings in tumoral calcinosis. Clinical Imaging, 2003, 27, 184-186.	1.5	11
335	An electro-magnetically tracked laparoscopic ultrasound for multi-modality minimally invasive surgery. International Congress Series, 2005, 1281, 746-751.	0.2	11
336	Pulsed-High Intensity Focused Ultrasound (HIFU) Exposures for Enhanced Delivery of Therapeutics: Mechanisms and Applications. AIP Conference Proceedings, 2006, , .	0.4	11
337	Identification of novel markers for liver fibrosis in HIV/hepatitis C virus coinfecting individuals using genomics-based approach. Aids, 2008, 22, 1433-1439.	2.2	11
338	Translational Predictive Biomarker Analysis of the Phase 1b Sorafenib and Bevacizumab Study Expansion Cohort. Molecular and Cellular Proteomics, 2013, 12, 1621-1631.	3.8	11
339	Imaging and pathology findings after an initial negative MRI-US fusion-guided and 12-core extended sextant prostate biopsy session. Diagnostic and Interventional Radiology, 2014, 20, 234-238.	1.5	11
340	Augmenting MRIâ€“transrectal ultrasound-guided prostate biopsy with temporal ultrasound data: a clinical feasibility study. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 727-735.	2.8	11
341	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.	0.5	11
342	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.	7.3	11

#	ARTICLE	IF	CITATIONS
343	Comparison of Three Different Needles for Percutaneous Injections. CardioVascular and Interventional Radiology, 2007, 30, 151-152.	2.0	10
344	Electromagnetic Tracking Navigation to Guide Radiofrequency Ablation of a Lung Tumor. Journal of Bronchology and Interventional Pulmonology, 2012, 19, 323-327.	1.4	10
345	Combination therapy of radiofrequency ablation and bevacizumab monitored with power Doppler ultrasound in a murine model of hepatocellular carcinoma. International Journal of Hyperthermia, 2012, 28, 766-775.	2.5	10
346	Analyzing the current practice patterns and views among urologists regarding focal therapy for prostate cancer. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 182.e1-182.e8.	1.6	10
347	Integrating Eye Tracking and Speech Recognition Accurately Annotates MR Brain Images for Deep Learning: Proof of Principle. Radiology: Artificial Intelligence, 2021, 3, e200047.	5.8	10
348	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.	0.4	10
349	Integrated laser-guided CT biopsy. Clinical Imaging, 2013, 37, 1135-1137.	1.5	9
350	Duodenal ischemia and upper GI bleeding are dose-limiting toxicities of 24-h continuous intra-arterial pancreatic perfusion of gemcitabine following vascular isolation of the pancreatic head: early results from the Regional Chemotherapy in Locally Advanced Pancreatic Cancer (RECLAP) study. Investigational New Drugs, 2015, 33, 109-118.	2.6	9
351	Midline lesions of the prostate: role of MRI/TRUS fusion biopsy and implications in Gleason risk stratification. International Urology and Nephrology, 2016, 48, 1445-1452.	1.4	9
352	MRI-powered biomedical devices. Minimally Invasive Therapy and Allied Technologies, 2018, 27, 191-202.	1.2	9
353	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. Journal of Vascular and Interventional Radiology, 2019, 30, 1908-1914.	0.5	9
354	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.	1.5	9
355	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.	0.5	9
356	Synthesis, characterization, and imaging of radiopaque bismuth beads for image-guided transarterial embolization. Scientific Reports, 2021, 11, 533.	3.3	9
357	Deep learning image reconstruction method for limited-angle ultrasound tomography in prostate cancer. , 2019, , .		9
358	Evaluation of immune-modulating drugs for use in drug-eluting microsphere transarterial embolization. International Journal of Pharmaceutics, 2022, 616, 121466.	5.2	9
359	Development of a 3D CNN-based AI Model for Automated Segmentation of the Prostatic Urethra. Academic Radiology, 2022, 29, 1404-1412.	2.5	9
360	Metastatic Involvement of a Retrieved Inferior Vena Cava Filter. Journal of Vascular and Interventional Radiology, 2003, 14, 1585.	0.5	8

#	ARTICLE	IF	CITATIONS
361	Radiofrequency Ablation in a Previously Irradiated Liver. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 1345-1348.	0.5	8
362	Fusion of real-time transrectal ultrasound with preacquired MRI for multimodality prostate imaging. , 2007, , .		8
363	Rapid Development of Advanced Liver Fibrosis after Acquisition of Hepatitis C Infection during Primary HIV Infection. <i>AIDS Patient Care and STDs</i> , 2009, 23, 403-406.	2.5	8
364	Whole Prostate Volume and Shape Changes with the Use of an Inflatable and Flexible Endorectal Coil. <i>Radiology Research and Practice</i> , 2014, 2014, 1-6.	1.3	8
365	Biodistribution and Efficacy of Low Temperature-Sensitive Liposome Encapsulated Docetaxel Combined with Mild Hyperthermia in a Mouse Model of Prostate Cancer. <i>Pharmaceutical Research</i> , 2016, 33, 2459-2469.	3.5	8
366	Ferumoxylol as an intraprostatic MR contrast agent for lymph node mapping of the prostate: a feasibility study in non-human primates. <i>Acta Radiologica</i> , 2016, 57, 1396-1401.	1.1	8
367	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.	2.8	8
368	MRI Robot for Prostate Focal Laser Ablation: An Ex Vivo Study in Human Prostate. <i>Journal of Imaging</i> , 2018, 4, 140.	3.0	8
369	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.	1.4	8
370	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.	2.5	8
371	Assessment of the response of hepatocellular carcinoma to interventional radiology treatments. <i>Future Oncology</i> , 2019, 15, 1791-1804.	2.4	8
372	Targeted early chest CT in COVID-19 outbreaks as diagnostic tool for containment of the pandemicâ€A multinational opinion. <i>Diagnostic and Interventional Radiology</i> , 2020, 26, 292-295.	1.5	8
373	Generalized chest CT and lab curves throughout the course of COVID-19. <i>Scientific Reports</i> , 2021, 11, 6940.	3.3	8
374	End-to-end Ultrasound Frame to Volume Registration. <i>Lecture Notes in Computer Science</i> , 2021, , 56-65.	1.3	8
375	Current state of image-guided focal therapy for prostate cancer. <i>World Journal of Urology</i> , 2021, 39, 701-717.	2.2	8
376	A pilot study of immune checkpoint inhibition in combination with radiation therapy in patients with metastatic pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15786-e15786.	1.6	8
377	Feasibility of Thermal Ablation of Lytic Vertebral Metastases with Radiofrequency Current. <i>Cancer Journal (Sudbury, Mass )</i> , 2002, 8, 26-28.	2.0	7
378	Surgical Navigation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2006, 1, 169-187.	2.8	7

#	ARTICLE	IF	CITATIONS
379	CT and Ultrasound Guided Stereotactic High Intensity Focused Ultrasound (HIFU). AIP Conference Proceedings, 2006, , .	0.4	7
380	PET-guided biopsy with needle navigation facilitates diagnosis of angiosarcoma in neurofibromatosis type 1. Pediatric Blood and Cancer, 2013, 60, E166-E169.	1.5	7
381	Computed Tomography Correlates with Cardiopulmonary Hemodynamics in Pulmonary Hypertension in Adults with Sickle Cell Disease. Pulmonary Circulation, 2014, 4, 319-329.	1.7	7
382	Current Ability of Multiparametric Prostate Magnetic Resonance Imaging and Targeted Biopsy to Improve the Detection of Prostate Cancer. Urology Practice, 2014, 1, 13-21.	0.5	7
383	Learning from Noisy Label Statistics: Detecting High Grade Prostate Cancer in Ultrasound Guided Biopsy. Lecture Notes in Computer Science, 2018, , 21-29.	1.3	7
384	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.	2.0	7
385	Liver-specific 3D sectioning molds for correlating in vivo CT and MRI with tumor histopathology in woodchucks (Marmota monax). PLoS ONE, 2020, 15, e0230794.	2.5	7
386	A comparison of <sup>18</sup> F-DCFPyL, <sup>18</sup> F-NaF and <sup>18</sup> F-FDG PET/CT in a prospective cohort of men with metastatic prostate cancer. Journal of Nuclear Medicine, 2021, , jnumed.121.262371.	5.0	7
387	Classifying Cancer Grades Using Temporal Ultrasound for Transrectal Prostate Biopsy. Lecture Notes in Computer Science, 2016, , 653-661.	1.3	7
388	Rapid perceptual processing in two- and three-dimensional prostate images. Journal of Medical Imaging, 2020, 7, 1.	1.5	7
389	Radiofrequency Ablation: A Nursing Perspective. Clinical Journal of Oncology Nursing, 2005, 9, 346-349.	0.6	6
390	Radiofrequency ablation of lymphoma. Blood, 2006, 107, 1624-1626.	1.4	6
391	Targeted biopsy. Current Opinion in Urology, 2018, 28, 219-226.	1.8	6
392	Endobronchial Navigation Guided by Cone-Beam CT-Based Augmented Fluoroscopy without a Bronchoscope: Feasibility Study in Phantom and Swine. Journal of Vascular and Interventional Radiology, 2020, 31, 2122-2131.	0.5	6
393	A Clinically Driven Task-Based Comparison of Photon Counting and Conventional Energy Integrating CT for Soft Tissue, Vascular, and High-Resolution Tasks. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 588-595.	3.7	6
394	Long-term outcomes in patients with advanced adrenocortical carcinoma after image-guided locoregional ablation or embolization. Cancer Medicine, 2021, 10, 2259-2267.	2.8	6
395	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.	1.6	6
396	Radiofrequency Cauterization: An Alternative to Reduce Post-biopsy Hemorrhage. CardioVascular and Interventional Radiology, 2005, 28, 681-682.	2.0	5

#	ARTICLE	IF	CITATIONS
397	Hepatic Histologic Response (HR) to Combination Therapy among HCV/HIV-Coinfected Individuals: Interferon Induces HR Independent of Sustained Virologic Response (SVR). <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 1091-1098.	1.1	5
398	Evaluation of motion compensation approaches for soft tissue navigation. , 2008, , .		5
399	Pulsed High-Intensity-focused US and Tissue Plasminogen Activator (TPA) Versus TPA Alone for Thrombolysis of Occluded Bypass Craft in Swine. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 953-961.e2.	0.5	5
400	Multiparametric Magnetic Resonance Imaging of the Prostate Aids to Detect Lesion Progression. <i>Journal of Computer Assisted Tomography</i> , 2014, 38, 565-567.	0.9	5
401	Hyponatremia Following High-Volume D5W Hydrodissection During Thermal Ablation. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 146-149.	2.0	5
402	The need for multidisciplinary in specialist training to optimize future patient care. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 508-517.	27.6	5
403	3D Printing Endobronchial Models for Surgical Training and Simulation. <i>Journal of Imaging</i> , 2018, 4, 135.	3.0	5
404	Enhanced Drug Delivery to the Skin Using Liposomes. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1739.	0.6	5
405	Template for MR Visualization and Needle Targeting. <i>Annals of Biomedical Engineering</i> , 2019, 47, 524-536.	2.5	5
406	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.	2.8	5
407	Gaze2Segment: A Pilot Study for Integrating Eye-Tracking Technology into Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2017, , 94-104.	1.3	5
408	Multiparametric Magnetic Resonance Imaging for Active Surveillance of Prostate Cancer. <i>Balkan Medical Journal</i> , 2017, 34, 388-396.	0.8	5
409	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.	0.4	5
410	MRI characterization of the dynamic effects of 5 $\alpha$ -reductase inhibitors on prostate zonal volumes. <i>Canadian Journal of Urology</i> , 2013, 20, 7002-7.	0.0	5
411	Image-Guided Robotics for Standardized and Automated Biopsy and Ablation. <i>Seminars in Interventional Radiology</i> , 2021, 38, 565-575.	0.8	5
412	<title>Improved virtual bronchoscopy using a multislice helical CT scanner</title>. , 2000, , .		4
413	Selective Transcatheter Platelet Infusion for Gastrointestinal Bleeding after Failed Embolization with Resistant Thrombocytopenia. <i>Journal of Vascular and Interventional Radiology</i> , 2001, 12, 549-550.	0.5	4
414	Radiofrequency Ablation Treatment in Proximity to the Gallbladder Without Subsequent Acute Cholecystitis. <i>CardioVascular and Interventional Radiology</i> , 2003, 26, 413-415.	2.0	4



#	ARTICLE	IF	CITATIONS
415	Respiratory motion compensation with tracked internal and external sensors during CT guided procedures. International Congress Series, 2005, 1281, 577-582.	0.2	4
416	A hybrid surface/image-based approach to facilitate ultrasound/CT registration. , 2011, , .		4
417	Biopsy and personalized medicine. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 683-683.	17.8	4
418	Electrically Conductive Catheter Inhibits Bacterial Colonization. Journal of Vascular and Interventional Radiology, 2014, 25, 797-802.	0.5	4
419	Automatic labeling of liver veins in CT by probabilistic backward tracing. , 2014, , .		4
420	Robot for Magnetic Resonance Imaging Guided Focal Prostate Laser Ablation1. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.7	4
421	Application of an unsupervised multi-characteristic framework for intermediate-high risk prostate cancer localization using diffusion-weighted MRI. Magnetic Resonance Imaging, 2016, 34, 1227-1234.	1.8	4
422	Imaging Features of Radiofrequency Ablation with Heat-Deployed Liposomal Doxorubicin in Hepatic Tumors. CardioVascular and Interventional Radiology, 2016, 39, 409-416.	2.0	4
423	Effect of Prostate Magnetic Resonance Imaging/Ultrasound Fusion-guided Biopsy on Radiation Treatment Recommendations. International Journal of Radiation Oncology Biology Physics, 2017, 97, 947-951.	0.8	4
424	Origami Lesion-Targeting Device for CT-Guided Interventions. Journal of Imaging, 2019, 5, 23.	3.0	4
425	Pilot Study Comparing Systemic and Tissue Pharmacokinetics of Irinotecan and Metabolites after Hepatic Drug-Eluting Chemoembolization. Journal of Vascular and Interventional Radiology, 2019, 30, 19-22.	0.5	4
426	Combined MRI-targeted Plus Systematic Confirmatory Biopsy Improves Risk Stratification for Patients Enrolling on Active Surveillance for Prostate Cancer. Urology, 2020, 144, 164-170.	1.0	4
427	Quantitative Characterization of the Prostatic Urethra Using MRI: Implications for Lower Urinary Tract Symptoms in Patients with Benign Prostatic Hyperplasia. Academic Radiology, 2021, 28, 664-670.	2.5	4
428	Imaging, Pathology, and Immune Correlates in the Woodchuck Hepatic Tumor Model. Journal of Hepatocellular Carcinoma, 2021, Volume 8, 71-83.	3.7	4
429	A CT-visible Thermal Ablation Phantom. , 2020, , .		4
430	Cone-Beam Computed Tomography-Based Spatial Prediction of Drug Dose After Transarterial Chemoembolization Using Radiopaque Drug-Eluting Beads in Woodchuck Hepatocellular Carcinoma. Investigative Radiology, 2022, 57, 495-501.	6.2	4
431	Pulmonary Angiography for the Diagnosis of Thromboembolic Events in the Non-Human Primate. Transplantation, 2004, 78, 1025-1029.	1.0	3
432	Subdermal Fluid for Skin Protection during Superficial Palliative Thermal Ablation. Journal of Vascular and Interventional Radiology, 2006, 17, 1545-1547.	0.5	3

#	ARTICLE	IF	CITATIONS
433	Sodium Alterations after Irrigation Fluid for Adjacent Organ Protection in Radiofrequency Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1366-1367.	0.5	3
434	Percutaneous Vertebroplasty as a Palliative Measure in the Setting of Chronic Infection. <i>Journal of Pain and Symptom Management</i> , 2006, 31, 382-384.	1.2	3
435	<sup>99m</sup> Tc-labeling of Peptidomimetic Antagonist to Selectively Target $\hat{1}\hat{2}\hat{3}$ Receptor-Positive Tumor: Comparison of PDA and EDDA as Co-Ligands. <i>Current Radiopharmaceuticals</i> , 2010, 3, 1-8.	0.8	3
436	Accuracy assessment of an automatic image-based PET/CT registration for ultrasound-guided biopsies and ablations. , 2011, , .		3
437	Mixed variable optimization for radio frequency ablation planning. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
438	A model-based registration approach of preoperative MRI with 3D ultrasound of the liver for Interventional guidance procedures. , 2012, , .		3
439	A statistical model-based technique for accounting for prostate gland deformation in endorectal coil-based MR imaging. , 2012, 2012, 5412-5.		3
440	Intratumoral Gene Therapy Injections with a Multipronged, Multi-â€œSide Hole Needle for Rectal Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 561-562.	2.0	3
441	A multiview boosting approach to tissue segmentation. , 2014, , .		3
442	Comparative efficacy, pharmacokinetic, pharmacodynamic activity, and interferon stimulated gene expression of different interferon formulations in HIV/HCV genotypeâ€œ1 infected patients. <i>Journal of Medical Virology</i> , 2014, 86, 177-185.	5.0	3
443	Virtual parenchymal perfusion for selective intra-arterial therapy of liver cancer. , 2016, , .		3
444	Mapping drug dose distribution with conventional IR imaging following hepatic DEBTACE with drug-eluting radiopaque beads (DEROB). <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, S126-S127.	0.5	3
445	CT thermometry for cone-beam CT guided ablation. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
446	Angular needle tracker and stabilizer for image-guided interventions. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2020, , 1-8.	1.2	3
447	Disposable Isolation Device to Reduce COVID-19 Contamination During CT Scanning. <i>Academic Radiology</i> , 2020, 27, 1119-1125.	2.5	3
448	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.	0.4	3
449	Ultrasound-Based Predication of Prostate Cancer in MRI-guided Biopsy. <i>Lecture Notes in Computer Science</i> , 2014, , 142-150.	1.3	3
450	MRI robot for prostate focal laser ablation: a phantom study. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
451	Accuracy study of smartglasses/smartphone AR systems for percutaneous needle interventions. , 2020, , .		3
452	PERCUTANEOUS RADIO FREQUENCY ABLATION FOR HEMATURIA. Journal of Urology, 2001, , 2303-2304.	0.4	3
453	In Vivo Characterization of the Swine Airway Morphometry and Motion Based on Computed Tomographic Imaging During Respiration. Journal of Biomechanical Engineering, 2020, 142, .	1.3	3
454	Chest imaging in patients with acute respiratory failure because of coronavirus disease 2019. Current Opinion in Critical Care, 2022, 28, 17-24.	3.2	3
455	Precipitation of Gadolinium and Ethanol during Nerve Block. Journal of Vascular and Interventional Radiology, 2003, 14, 394.	0.5	2
456	Effects of Blood Flow on Radiofrequency Ablation of Tumors: Finite Elements and In Vitro Models. , 2003, , 5.		2
457	Real-time motion tracking using 3D ultrasound. , 2007, , .		2
458	Pulmonary artery segmentation and quantification in sickle cell associated pulmonary hypertension. Proceedings of SPIE, 2008, , .	0.8	2
459	Abstract No. 273: Distribution of Image-Able Beads and Doxorubicin Following Transcatheter Arterial Chemoembolization. Journal of Vascular and Interventional Radiology, 2009, 20, S104.	0.5	2
460	Towards cone-beam CT thermometry. , 2013, , .		2
461	Beware Catheter Breakdown During Alcohol Sclerosis of Lymphoceles. CardioVascular and Interventional Radiology, 2014, 37, 850-851.	2.0	2
462	Monitoring of radiofrequency ablation with shear wave delay mapping. , 2015, , .		2
463	Nucleus detection using gradient orientation information and linear least squares regression. Proceedings of SPIE, 2015, , .	0.8	2
464	MP20-16 TRAINING AND SKILLS ASSESSMENT FOR FUSION-GUIDED PROSTATE BIOPSY: DEFINING THE LEARNING CURVE. Journal of Urology, 2016, 195, .	0.4	2
465	The prostate cancer prevention trial risk calculator 2.0 performs equally for standard biopsy and MRI/US fusion-guided biopsy. Prostate Cancer and Prostatic Diseases, 2017, 20, 179-185.	3.9	2
466	Commentary: how will interventional oncology navigate the "valleys of death" for new medical devices?. British Journal of Radiology, 2018, 91, 20170643.	2.2	2
467	Liver Radiofrequency Ablation Using Wirelessly Powered Catheter and Generator. , 2018, , .		2
468	The Feasibility of Using a Smartphone Magnetometer for Assisting Needle Placement. Annals of Biomedical Engineering, 2020, 48, 1147-1156.	2.5	2

#	ARTICLE	IF	CITATIONS
469	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.	0.5	2
470	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.	2.0	2
471	Radiofrequency tumor ablation system with a wireless or implantable probe. <i>Wireless Power Transfer</i> , 2020, 7, 95-105.	1.1	2
472	Deep Learning Framework for Epithelium Density Estimation in Prostate Multi-Parametric Magnetic Resonance Imaging. , 2020, , .		2
473	Pilot study of gadoxetate disodium-enhanced mri for localized and metastatic prostate cancers. <i>Scientific Reports</i> , 2021, 11, 5662.	3.3	2
474	Transducer Adaptive Ultrasound Volume Reconstruction. , 2021, , .		2
475	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.	2.0	2
476	Advanced Tools and Devices: Navigation Technologies, Automation, and Robotics in Percutaneous Interventions. , 2014, , 73-83.		2
477	Smartglasses/smartphone needle guidance AR system for transperineal prostate procedure. , 2019, , .		2
478	Multiparametric prostate MRI and MRI/ultrasound fusion biopsy as tools to follow prostate cancer progression for men on active surveillance.. <i>Journal of Clinical Oncology</i> , 2014, 32, 63-63.	1.6	2
479	A pilot study of AMP-224â€”a PD-1 inhibitorâ€”in combination with stereotactic body radiation therapy (SBRT) in patients with metastatic colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, TPS788-TPS788.	1.6	2
480	Tumor Doubling Time Using CT Volumetric Segmentation in Metastatic Adrenocortical Carcinoma. <i>Current Oncology</i> , 2021, 28, 4357-4366.	2.2	2
481	MRI-guided Biopsy in Active Surveillance of Prostate Cancer. <i>Journal of Urology</i> , 2021, , 101097JU00000000000002343.	0.4	2
482	Detection of failure patterns using advanced imaging in patients with biochemical recurrence following low-dose-rate brachytherapy for prostate cancer. <i>Brachytherapy</i> , 2022, , .	0.5	2
483	Volumetric treatment planning and image guidance for radiofrequency ablation of hepatic tumors. , 2003, , .		1
484	Precision instrument placement using a 4-DOF robot with integrated fiducials for minimally invasive interventions. , 2007, , .		1
485	Flexible high-resolution display systems for the next generation of radiology reading rooms. , 2007, , .		1
486	3D ultrasound guidance system for needle placement procedures. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
487	Real-time ultrasound elasticity imaging for liver RF ablation assessment: Preliminary ex vivo and in vivo animal studies. , 2009, , .		1
488	Cardiac interventions under MRI guidance using robotic assistance. , 2010, , .		1
489	Computational modeling of high-intensity focused ultrasound mediated drug delivery. Proceedings of SPIE, 2011, , .	0.8	1
490	Graph-based surface extraction of the liver using locally adaptive priors for multimodal interventional image registration. , 2012, , .		1
491	Non-invasive indicators of pulmonary hypertension from pulmonary veins quantification in sickle cell disease. , 2012, , .		1
492	Abstract No. 71: Fusion guided biopsy or ablation: clinical trial update in 461 patients. Journal of Vascular and Interventional Radiology, 2012, 23, S32.	0.5	1
493	Acute bronchospasm and resolution captured on dynamic CT. Journal of Asthma and Allergy, 2012, 5, 61.	3.4	1
494	Hippocrates Predicted Renal Cryoablation Bleeding Risk in Patients Receiving Anticoagulation. CardioVascular and Interventional Radiology, 2013, 36, 563-564.	2.0	1
495	Cyber-attack risk low for medical devices. Science, 2015, 347, 1323-1324.	12.6	1
496	Topotecan-eluting radiopaque embolic beads (ROB) for transarterial hepatic chemoembolization (TACE). Journal of Vascular and Interventional Radiology, 2016, 27, S130.	0.5	1
497	MP53-17 CANCER DETECTION ON MRI FUSION BIOPSY IS INDEPENDENT OF PRIOR NEGATIVE BIOPSY HISTORY: A MULTI-INSTITUTIONAL ANALYSIS. Journal of Urology, 2016, 195, .	0.4	1
498	An MRI guided system for prostate laser ablation with treatment planning and multi-planar temperature monitoring. Proceedings of SPIE, 2016, , .	0.8	1
499	Vaginal Pessary for Uterine Repositioning during High-Intensity Focused Ultrasound Ablation of Uterine Leiomyomas. Gynecologic and Obstetric Investigation, 2016, 81, 285-288.	1.6	1
500	Sensor-Less Fully Transperineal Fusion-Guided Prostate Biopsy. , 2017, , .		1
501	Tri-axial Biopsy Needle Cauterization During Splenic Biopsy. CardioVascular and Interventional Radiology, 2018, 41, 1624-1626.	2.0	1
502	Hypogonadism and prostate cancer detection on multiparametric MRI and mpMRI-TRUS fusion biopsy. International Urology and Nephrology, 2020, 52, 633-638.	1.4	1
503	Ovarian teratoma in a woodchuck (Marmota monax) with hepatocellular carcinoma: radiologic and pathologic features. BMC Veterinary Research, 2020, 16, 451.	1.9	1
504	Abstract No. 545 Magnetic markers for tumor localization: feasibility in video assisted thoracic surgery. Journal of Vascular and Interventional Radiology, 2020, 31, S238.	0.5	1

#	ARTICLE	IF	CITATIONS
505	Magnetic Fiducial Seeds for Tumor Localization in Video-Assisted Thoracoscopic Surgery (VATS): A Phantom and Ex Vivo Feasibility Study. IEEE Sensors Journal, 2021, 21, 678-684.	4.7	1
506	The need for standardization of reporting in prostate MRI. Nature Reviews Urology, 2021, 18, 195-196.	3.8	1
507	Fusion-Guided Prostate Biopsy. , 2016, , 99-110.		1
508	Prediction of prostate cancer Gleason score using a MRI-based nomogram.. Journal of Clinical Oncology, 2014, 32, 255-255.	1.6	1
509	Effect of radiofrequency ablation (RFA) combined with anti-CTLA-4 and anti-PD1 in a preclinical melanoma model.. Journal of Clinical Oncology, 2019, 37, 143-143.	1.6	1
510	Is apparent diffusion coefficient associated with clinical risk scores for prostate cancers that are visible on 3-T MR images?. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2011, 37, 275-276.	1.5	1
511	Correlation of ultrasound tomography to MRI and pathology for the detection of prostate cancer. , 2019, , .		1
512	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients.. Journal of Clinical Oncology, 2020, 38, e17567-e17567.	1.6	1
513	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, , .	0.5	1
514	Role of 18F-FDG PET/CT in management of adrenocortical carcinoma: a comprehensive review of the literature. Clinical and Translational Imaging, 0, , 1.	2.1	1
515	Helical CT Angiography of the Peripancreatic Vessels. Seminars in Interventional Radiology, 1998, 15, 113-120.	0.8	0
516	Radiofrequency Thermal Ablation as Tumor Therapy: An Overview for the Oncology Team. Oncology Issues, 2001, 16, 12-16.	0.1	0
517	Passive acoustic thermo-tomography: development for cancer hyperthermia therapy. , 0, , .		0
518	Re: Metastatic Involvement of a Retrieved Inferior Vena Cava Filter. Journal of Vascular and Interventional Radiology, 2004, 15, 775-776.	0.5	0
519	Renal Vein Thrombosis Alters Treatment Times and Temperatures in Renal Tumor Radiofrequency Ablation. Journal of Vascular and Interventional Radiology, 2006, 17, 1547-1548.	0.5	0
520	Vasculature segmentation for radio frequency ablation of non-resectable hepatic tumors. , 2006, , .		0
521	Assessment of radio frequency ablation treatment of hepatic tumors. , 2006, , .		0
522	Effect of the needle tip shape on fall of force after puncture in epidural anesthesia. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 487-515.	2.8	0

#	ARTICLE	IF	CITATIONS
523	2A-2 Investigations into the Potential Contribution of a Thermal Mechanism for Pulsed High Intensity Focused Ultrasound Mediated Delivery. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	0
524	MR-guided catheter-based excitation emission optical spectroscopy for in vivo tissue characterization. Proceedings of SPIE, 2008, , .	0.8	0
525	CT and image processing non-invasive indicators of sickle cell secondary pulmonary hypertension. , 2008, 2008, 859-62.		0
526	Survey of Endourology Howard N. Winfield, M.D., Section Editor. Journal of Endourology, 2012, 26, 90-101.	2.1	0
527	Computer-assisted diagnostic tool to quantify the pulmonary veins in sickle cell associated pulmonary hypertension. Proceedings of SPIE, 2012, , .	0.8	0
528	Needle Slippage From Needle Hub Hardware During Ablation. CardioVascular and Interventional Radiology, 2013, 36, 1436-1437.	2.0	0
529	Re: Phantom Study of a Novel Stereotactic Prostate Biopsy System Integrating Preinterventional Magnetic Resonance Imaging and Live Ultrasonography Fusion(From: Kuru TH, Roethke M, Popeneclu V,) Tj ETQq1 d.D.784314 rgBT /Ov		
530	Editorial Comment. Journal of Urology, 2013, 189, 92-92.	0.4	0
531	Percutaneous needle placement using laser guidance: a practical solution. Proceedings of SPIE, 2013, , .	0.8	0
532	GPU based multi-histogram volume navigation for virtual bronchoscopy. , 2014, 2014, 3308-12.		0
533	Surface-based registration of liver in ultrasound and CT. Proceedings of SPIE, 2015, , .	0.8	0
534	Efficient Hilbert transform-based alternative to Tofts physiological models for representing MRI dynamic contrast-enhanced images in computer-aided diagnosis of prostate cancer. , 2015, , .		0
535	Principles of high-intensity focused ultrasound. , 0, , 20-34.		0
536	A motorized ultrasound system for MRI-ultrasound fusion guided prostatectomy. , 2016, , .		0
537	Assessment of medical devices: the Emperor's new clothes: <i>Author reply</i>. British Journal of Radiology, 2018, 91, 20180310.	2.2	0
538	Shear-Wave Based Monitoring of Radiofrequency Ablations at Clinically Relevant Depths. , 2018, , .		0
539	Pneumatic Piston Stepper Motor: An Enabler for MRI-Guided Robotic Interventions. , 2018, , .		0
540	CT-guided abdominal biopsy training phantom. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
541	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, .	0.5	0
542	Apical periurethral transition zone lesions: MRI and histology findings. <i>Abdominal Radiology</i> , 2020, 45, 3258-3264.	2.1	0
543	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.	0.2	0
544	Considerations for active surveillance in select Gleason grade group 2 patients: A preliminary study.. <i>Journal of Clinical Oncology</i> , 2021, 39, 206-206.	1.6	0
545	Reply by Authors. <i>Journal of Urology</i> , 2021, 205, 1359-1360.	0.4	0
546	AI-Assisted CT as a Clinical and Research Tool for COVID-19. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 590189.	3.4	0
547	Reply by Authors. <i>Journal of Urology</i> , 2022, 207, 106-107.	0.4	0
548	Characterization of Speed and Accuracy of a Nonrigid Registration Accelerator on Pre- and Intra-procedural Images. <i>IFMBE Proceedings</i> , 2010, , 473-476.	0.3	0
549	Early Experiences of Image Guided Prostate and Pelvic Nodal Irradiation With Intensity Modulated Radiation Treatment in Localized Prostate Cancer. <i>World Journal of Oncology</i> , 2012, 3, 16-22.	1.5	0
550	The performance of targeted magnetic resonance imaging/ultrasound fusion biopsy versus random 12-core biopsy for prediction of total prostate cancer tumor volume.. <i>Journal of Clinical Oncology</i> , 2014, 32, 34-34.	1.6	0
551	Comparing magnetic resonance imaging/ultrasound-fusion biopsy and systemic 12-core transrectal ultrasound biopsy for whole gland pathology.. <i>Journal of Clinical Oncology</i> , 2014, 32, 84-84.	1.6	0
552	Utility of multiparametric MRI at 3 tesla and MRI/ultrasound fusion-guided biopsy in detecting seminal vesicle invasion by prostate cancer.. <i>Journal of Clinical Oncology</i> , 2014, 32, 128-128.	1.6	0
553	Using MRI/ultrasound fusion biopsy to detect clinically significant prostate cancer in the African American population.. <i>Journal of Clinical Oncology</i> , 2014, 32, 57-57.	1.6	0
554	Magnetic Resonance Imaging/Transrectal Ultrasound Fusion-Guided Biopsy of the Prostate to Detect High-Grade Cancer. <i>Videourology (New Rochelle, N Y)</i> , 2014, 28, .	0.1	0
555	Performance of MRI-TRUS-guided fusion biopsy to detect progression on active surveillance for low- and intermediate-risk prostate cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 43-43.	1.6	0
556	How reliable is a negative MRI/TRUS fusion biopsy? The predictive value of targeted biopsy for prostate cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 51-51.	1.6	0
557	Magnetic resonance imaging-guided focal laser ablation for prostate cancer: A phase I trial.. <i>Journal of Clinical Oncology</i> , 2015, 33, e16128-e16128.	1.6	0
558	Can index lesion tumor volume on T2 weighted MRI predict biochemical recurrence following radical prostatectomy?. <i>Journal of Clinical Oncology</i> , 2017, 35, 32-32.	1.6	0



#	ARTICLE	IF	CITATIONS
559	Comparison of multiparametric MRI to PSA kinetics as an indication of prostate cancer progression in men on active surveillance.. Journal of Clinical Oncology, 2017, 35, 59-59.	1.6	0
560	Index lesion tumor volume on MRI to predict adverse pathologic outcomes following radical prostatectomy.. Journal of Clinical Oncology, 2017, 35, 43-43.	1.6	0
561	Focal therapy for prostate cancer: Attitude and practice patterns.. Journal of Clinical Oncology, 2017, 35, e541-e541.	1.6	0
562	Changes in prostate cancer detection rate of fusion versus systematic biopsy over time: A single center experience.. Journal of Clinical Oncology, 2017, 2017, 15-15.	1.6	0
563	A model for predicting focal ablation candidates in patients with prostate cancer based on MRI and biopsy criteria.. Journal of Clinical Oncology, 2017, 35, 31-31.	1.6	0
564	Changes in prostate cancer detection rate of fusion versus systematic biopsy over time: A single center experience.. Journal of Clinical Oncology, 2017, 35, 15-15.	1.6	0
565	Enabling image fusion for a CT guided needle placement robot. Proceedings of SPIE, 2017, , .	0.8	0
566	Tremelimumab: A monoclonal antibody against CTLA-4”In combination with radiofrequency ablation (RFA) in patients with biliary tract carcinoma (BTC).. Journal of Clinical Oncology, 2017, 35, 88-88.	1.6	0
567	Motorized fusion guided prostate biopsy: phantom study. , 2017, , .		0
568	Thermal ablation for treatment of hepatic metastasis from thymic epithelial tumors (TETs).. Journal of Clinical Oncology, 2017, 35, e20000-e20000.	1.6	0
569	Tracked Foley catheter for motion compensation during fusion image-guided prostate procedures: a phantom study. European Radiology Experimental, 2020, 4, 24.	3.4	0
570	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.	1.6	0
571	Pathologic outcomes of MRI invisible tumors in prostate cancer.. Journal of Clinical Oncology, 2020, 38, 282-282.	1.6	0