

Jurgen J FÃ¼rterer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/861329/publications.pdf>

Version: 2024-02-01

205
papers

13,380
citations

26567

56
h-index

23472

111
g-index

209
all docs

209
docs citations

209
times ranked

9466
citing authors

#	ARTICLE	IF	CITATIONS
1	ESUR prostate MR guidelines 2012. <i>European Radiology</i> , 2012, 22, 746-757.	2.3	2,176
2	Can Clinically Significant Prostate Cancer Be Detected with Multiparametric Magnetic Resonance Imaging? A Systematic Review of the Literature. <i>European Urology</i> , 2015, 68, 1045-1053.	0.9	657
3	Magnetic Resonance Imaging for the Detection, Localisation, and Characterisation of Prostate Cancer: Recommendations from a European Consensus Meeting. <i>European Urology</i> , 2011, 59, 477-494.	0.9	642
4	Prostate Cancer: Multiparametric MR Imaging for Detection, Localization, and Staging. <i>Radiology</i> , 2011, 261, 46-66.	3.6	618
5	Prostate Cancer Localization with Dynamic Contrast-enhanced MR Imaging and Proton MR Spectroscopic Imaging. <i>Radiology</i> , 2006, 241, 449-458.	3.6	506
6	Accuracy of Multiparametric MRI for Prostate Cancer Detection: A Meta-Analysis. <i>American Journal of Roentgenology</i> , 2014, 202, 343-351.	1.0	402
7	Standards of Reporting for MRI-targeted Biopsy Studies (START) of the Prostate: Recommendations from an International Working Group. <i>European Urology</i> , 2013, 64, 544-552.	0.9	383
8	Magnetic Resonance Imaging Guided Prostate Biopsy in Men With Repeat Negative Biopsies and Increased Prostate Specific Antigen. <i>Journal of Urology</i> , 2010, 183, 520-528.	0.2	344
9	MRI with a lymph-node-specific contrast agent as an alternative to CT scan and lymph-node dissection in patients with prostate cancer: a prospective multicohort study. <i>Lancet Oncology</i> , The, 2008, 9, 850-856.	5.1	285
10	Prospective Assessment of Prostate Cancer Aggressiveness Using 3-T Diffusion-Weighted Magnetic Resonance Imagingâ€“Guided Biopsies Versus a Systematic 10-Core Transrectal Ultrasound Prostate Biopsy Cohort. <i>European Urology</i> , 2012, 61, 177-184.	0.9	277
11	Staging Prostate Cancer with Dynamic Contrast-enhanced Endorectal MR Imaging prior to Radical Prostatectomy: Experienced versus Less Experienced Readers. <i>Radiology</i> , 2005, 237, 541-549.	3.6	223
12	Transition Zone Prostate Cancer: Detection and Localization with 3-T Multiparametric MR Imaging. <i>Radiology</i> , 2013, 266, 207-217.	3.6	222
13	Variability of the Positive Predictive Value of PI-RADS for Prostate MRI across 26 Centers: Experience of the Society of Abdominal Radiology Prostate Cancer Disease-focused Panel. <i>Radiology</i> , 2020, 296, 76-84.	3.6	207
14	Three-Tesla Magnetic Resonanceâ€“Guided Prostate Biopsy in Men With Increased Prostate-Specific Antigen and Repeated, Negative, Random, Systematic, Transrectal Ultrasound Biopsies: Detection of Clinically Significant Prostate Cancers. <i>European Urology</i> , 2012, 62, 902-909.	0.9	204
15	Thermal and mechanical high-intensity focused ultrasound: perspectives on tumor ablation, immune effects and combination strategies. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 247-258.	2.0	186
16	Prostate Cancer: Local Staging at 3-T Endorectal MR Imagingâ€“Early Experience. <i>Radiology</i> , 2006, 238, 184-191.	3.6	159
17	Prostate cancer: comparison of local staging accuracy of pelvic phased-array coil alone versus integrated endorectalâ€“pelvic phased-array coils. <i>European Radiology</i> , 2007, 17, 1055-1065.	2.3	157
18	Initial Experience of 3 Tesla Endorectal Coil Magnetic Resonance Imaging and 1H-Spectroscopic Imaging of the Prostate. <i>Investigative Radiology</i> , 2004, 39, 671-680.	3.5	148

#	ARTICLE	IF	CITATIONS
19	MR-Guided Biopsy of the Prostate: An Overview of Techniques and a Systematic Review. <i>European Urology</i> , 2008, 54, 517-527.	0.9	148
20	A Systematic Review on the Role of Imaging in Early Recurrent Prostate Cancer. <i>European Urology Oncology</i> , 2019, 2, 47-76.	2.6	140
21	EAU-ESMO Consensus Statements on the Management of Advanced and Variant Bladder Cancerâ€”An International Collaborative Multistakeholder Effortâ€“. <i>European Urology</i> , 2020, 77, 223-250.	0.9	132
22	Why and Where do We Miss Significant Prostate Cancer with Multi-parametric Magnetic Resonance Imaging followed by Magnetic Resonance-guided and Transrectal Ultrasound-guided Biopsy in Biopsy-naïve Men?. <i>European Urology</i> , 2017, 71, 896-903.	0.9	119
23	Does three-dimensional anatomy improve student understanding?. <i>Clinical Anatomy</i> , 2020, 33, 25-33.	1.5	114
24	Results of Targeted Biopsy in Men with Magnetic Resonance Imaging Lesions Classified Equivocal, Likely or Highly Likely to Be Clinically Significant Prostate Cancer. <i>European Urology</i> , 2018, 73, 353-360.	0.9	105
25	Thirty-Two-Channel Coil 3T Magnetic Resonance-Guided Biopsies of Prostate Tumor Suspicious Regions Identified on Multimodality 3T Magnetic Resonance Imaging: Technique and Feasibility. <i>Investigative Radiology</i> , 2008, 43, 686-694.	3.5	104
26	Mechanical High-Intensity Focused Ultrasound Destruction of Soft Tissue: Working Mechanisms and Physiologic Effects. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1500-1517.	0.7	103
27	Radiofrequency ablation compared to surgical resection for curative treatment of patients with colorectal liver metastases â€” a meta-analysis. <i>Hpb</i> , 2017, 19, 749-756.	0.1	92
28	MRI-Guided Biopsy for Prostate Cancer Detection: A Systematic Review of Current Clinical Results. <i>Current Urology Reports</i> , 2013, 14, 209-213.	1.0	86
29	Quantitative Evaluation of Computed High b Value Diffusion-Weighted Magnetic Resonance Imaging of the Prostate. <i>Investigative Radiology</i> , 2013, 48, 779-786.	3.5	86
30	Detecting Pathological Complete Response in Esophageal Cancer after Neoadjuvant Therapy Based on Imaging Techniques: A Diagnostic Systematic Review and Meta-Analysis. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1156-1171.	0.5	85
31	Value of 3-T Multiparametric Magnetic Resonance Imaging and Magnetic Resonance-Guided Biopsy for Early Risk Restrification in Active Surveillance of Low-Risk Prostate Cancer. <i>Investigative Radiology</i> , 2014, 49, 165-172.	3.5	83
32	Variability in the Description of Morphologic and Contrast Enhancement Characteristics of Breast Lesions on Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2005, 40, 355-362.	3.5	81
33	Computerized analysis of prostate lesions in the peripheral zone using dynamic contrast enhanced MRI. <i>Medical Physics</i> , 2008, 35, 888-899.	1.6	81
34	Prostate MRI and 3D MR Spectroscopy: How We Do It. <i>American Journal of Roentgenology</i> , 2010, 194, 1414-1426.	1.0	80
35	Feasibility of a Pneumatically Actuated MR-compatible Robot for Transrectal Prostate Biopsy Guidance. <i>Radiology</i> , 2011, 260, 241-247.	3.6	80
36	The role of magnetic resonance imaging (<scp>MRI</scp>) in focal therapy for prostate cancer: recommendations from a consensus panel. <i>BJU International</i> , 2014, 113, 218-227.	1.3	80

#	ARTICLE	IF	CITATIONS
37	Role of MRI in Follow-Up After Focal Therapy for Prostate Carcinoma. American Journal of Roentgenology, 2010, 194, 1427-1433.	1.0	79
38	Multiparametric Magnetic Resonance Imaging in Prostate Cancer Management. Investigative Radiology, 2015, 50, 594-600.	3.5	78
39	Clinical lymph node staging in colorectal cancer; a flip of the coin?. European Journal of Surgical Oncology, 2018, 44, 1241-1246.	0.5	76
40	Diffusion and Perfusion MR Imaging of the Prostate. Magnetic Resonance Imaging Clinics of North America, 2008, 16, 685-695.	0.6	73
41	Complications, Recovery, and Early Functional Outcomes and Oncologic Control Following In-bore Focal Laser Ablation of Prostate Cancer. European Urology, 2015, 68, 924-926.	0.9	73
42	A systematic review of clinical studies on dynamic magnetic resonance imaging of pelvic organ prolapse: the use of reference lines and anatomical landmarks. International Urogynecology Journal, 2009, 20, 721-729.	0.7	72
43	Prostate Magnetic Resonance Imaging for Local Recurrence Reporting (PI-RR): International Consensus-based Guidelines on Multiparametric Magnetic Resonance Imaging for Prostate Cancer Recurrence after Radiation Therapy and Radical Prostatectomy. European Urology Oncology, 2021, 4, 868-876.	2.6	72
44	Standardized Threshold Approach Using Three-Dimensional Proton Magnetic Resonance Spectroscopic Imaging in Prostate Cancer Localization of the Entire Prostate. Investigative Radiology, 2007, 42, 116-122.	3.5	70
45	Multiparametric MRI of the Bladder: Ready for Clinical Routine?. American Journal of Roentgenology, 2014, 202, 1187-1195.	1.0	70
46	Diagnostic Imaging for Solid Renal Tumors: A Pictorial Review. Kidney Cancer, 2018, 2, 79-93.	0.2	68
47	Prostate Cancer Evaluated with Ferumoxtran-10-enhanced T2*-weighted MR Imaging at 1.5 and 3.0 T: Early Experience. Radiology, 2006, 239, 481-487.	3.6	67
48	Discriminating Cancer From Noncancer Tissue in the Prostate by 3-Dimensional Proton Magnetic Resonance Spectroscopic Imaging. Investigative Radiology, 2011, 46, 25-33.	3.5	67
49	An Updated Systematic Review on Focal Therapy in Localized Prostate Cancer: What Has Changed over the Past 5 Years?. European Urology, 2022, 81, 5-33.	0.9	66
50	Initial Experience With Identifying High-Grade Prostate Cancer Using Diffusion-Weighted MR Imaging (DWI) in Patients With a Gleason Score $\geq 3 + 3 = 6$ Upon Schematic TRUS-Guided Biopsy. Investigative Radiology, 2012, 47, 153-158.	3.5	65
51	Can computer-aided diagnosis assist in the identification of prostate cancer on prostate MRI? a multi-center, multi-reader investigation. Oncotarget, 2018, 9, 33804-33817.	0.8	65
52	MR imaging in local staging of prostate cancer. European Journal of Radiology, 2007, 63, 328-334.	1.2	63
53	Evaluation of Diffusion-Weighted MR Imaging at Inclusion in an Active Surveillance Protocol for Low-Risk Prostate Cancer. Investigative Radiology, 2013, 48, 152-157.	3.5	63
54	Evaluation of a robotic technique for transrectal MRI-guided prostate biopsies. European Radiology, 2012, 22, 476-483.	2.3	60

#	ARTICLE	IF	CITATIONS
55	Use of ultrasmall superparamagnetic iron oxide in lymph node MR imaging in prostate cancer patients. <i>European Journal of Radiology</i> , 2007, 63, 369-372.	1.2	59
56	MR Imaging-guided Focal Cryoablation in Patients with Recurrent Prostate Cancer. <i>Radiology</i> , 2013, 268, 451-460.	3.6	59
57	Cost-Effectiveness Comparison of Imaging-Guided Prostate Biopsy Techniques: Systematic Transrectal Ultrasound, Direct In-Bore MRI, and Image Fusion. <i>American Journal of Roentgenology</i> , 2017, 208, 1058-1063.	1.0	58
58	Feasibility of 3T Dynamic Contrast-Enhanced Magnetic Resonance-Guided Biopsy in Localizing Local Recurrence of Prostate Cancer After External Beam Radiation Therapy. <i>Investigative Radiology</i> , 2010, 45, 121-125.	3.5	56
59	Modern Treatment of Rectal Cancer Closes the Gap Between Common Adenocarcinoma and Mucinous Carcinoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 2669-2676.	0.7	53
60	POP-Q, dynamic MR imaging, and perineal ultrasonography: do they agree in the quantification of female pelvic organ prolapse?. <i>International Urogynecology Journal</i> , 2009, 20, 541-549.	0.7	52
61	Cone-Beam CT Image Guidance With and Without Electromagnetic Navigation Bronchoscopy for Biopsy of Peripheral Pulmonary Lesions. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2021, 28, 60-69.	0.8	52
62	Controversies in MR targeted biopsy: alone or combined, cognitive versus software-based fusion, transrectal versus transperineal approach?. <i>World Journal of Urology</i> , 2019, 37, 277-287.	1.2	51
63	Resectability and Ablatability Criteria for the Treatment of Liver Only Colorectal Metastases: Multidisciplinary Consensus Document from the COLLISION Trial Group. <i>Cancers</i> , 2020, 12, 1779.	1.7	50
64	Predictive value of MRI in the localization, staging, volume estimation, assessment of aggressiveness, and guidance of radiotherapy and biopsies in prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 20-31.	1.9	49
65	Elastic Versus Rigid Image Registration in Magnetic Resonance Imaging-guided transrectal Ultrasound Fusion Prostate Biopsy: A Systematic Review and Meta-analysis. <i>European Urology Focus</i> , 2018, 4, 219-227.	1.6	49
66	Preoperative 3T MR imaging of rectal cancer: Local staging accuracy using a two-dimensional and three-dimensional T2-weighted turbo spin echo sequence. <i>European Journal of Radiology</i> , 2008, 65, 66-71.	1.2	47
67	Role of multiparametric magnetic resonance imaging in early detection of prostate cancer. <i>Insights Into Imaging</i> , 2016, 7, 205-214.	1.6	45
68	Magnetic Resonance Imaging-Guided Transurethral Ultrasound Ablation of Prostate Cancer. <i>Journal of Urology</i> , 2021, 205, 769-779.	0.2	45
69	The accuracy and safety aspects of a novel robotic needle guide manipulator to perform transrectal prostate biopsies. <i>Medical Physics</i> , 2010, 37, 4744-4750.	1.6	43
70	Artificial Intelligence Based Algorithms for Prostate Cancer Classification and Detection on Magnetic Resonance Imaging: A Narrative Review. <i>Diagnostics</i> , 2021, 11, 959.	1.3	43
71	Symptoms of pelvic floor dysfunction are poorly correlated with findings on clinical examination and dynamic MR imaging of the pelvic floor. <i>International Urogynecology Journal</i> , 2009, 20, 1169-1174.	0.7	42
72	MRI-guided focal laser ablation for prostate cancer followed by radical prostatectomy: correlation of treatment effects with imaging. <i>World Journal of Urology</i> , 2017, 35, 703-711.	1.2	42

#	ARTICLE	IF	CITATIONS
73	Dynamic magnetic resonance imaging: reliability of anatomical landmarks and reference lines used to assess pelvic organ prolapse. <i>International Urogynecology Journal</i> , 2009, 20, 141-148.	0.7	40
74	MRI-Guided Interventions for the Treatment of Prostate Cancer. <i>American Journal of Roentgenology</i> , 2012, 199, 714-720.	1.0	37
75	Positive pre-biopsy MRI: are systematic biopsies still useful in addition to targeted biopsies?. <i>World Journal of Urology</i> , 2019, 37, 243-251.	1.2	37
76	The Effect of Higher Level Computerized Clinical Decision Support Systems on Oncology Care: A Systematic Review. <i>Cancers</i> , 2020, 12, 1032.	1.7	37
77	Diagnosing pubovisceral avulsions: a systematic review of the clinical relevance of a prevalent anatomical defect. <i>International Urogynecology Journal</i> , 2012, 23, 1653-1664.	0.7	35
78	Retrospective comparison of direct in-bore magnetic resonance imaging (MRI)-guided biopsy and fusion-guided biopsy in patients with MRI lesions which are likely or highly likely to be clinically significant prostate cancer. <i>World Journal of Urology</i> , 2017, 35, 1849-1855.	1.2	35
79	Translabial Three-Dimensional Ultrasonography Compared With Magnetic Resonance Imaging in Detecting Levator Ani Defects. <i>Obstetrics and Gynecology</i> , 2014, 124, 1190-1197.	1.2	34
80	1.5-T multiparametric MRI using PI-RADS: a region by region analysis to localize the index-tumor of prostate cancer in patients undergoing prostatectomy. <i>Acta Radiologica</i> , 2015, 56, 500-511.	0.5	33
81	Imaging modalities for prostate cancer. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 923-937.	1.1	31
82	Multiparametric magnetic resonance imaging and follow-up to avoid prostate biopsy in 4259 men. <i>BJU International</i> , 2019, 124, 775-784.	1.3	31
83	The Effects of Multidisciplinary Team Meetings on Clinical Practice for Colorectal, Lung, Prostate and Breast Cancer: A Systematic Review. <i>Cancers</i> , 2021, 13, 4159.	1.7	31
84	MRI-guided and robotic-assisted prostate biopsy. <i>Current Opinion in Urology</i> , 2012, 22, 316-319.	0.9	30
85	Preferences in the management of high-risk prostate cancer among urologists in Europe: results of a web-based survey. <i>BJU International</i> , 2015, 115, 571-579.	1.3	29
86	Percutaneous MR-guided focal cryoablation for recurrent prostate cancer following radiation therapy: retrospective analysis of iceball margins and outcomes. <i>European Radiology</i> , 2017, 27, 4828-4836.	2.3	29
87	Magnetic Resonance-Guided Biopsy of the Prostate. <i>Topics in Magnetic Resonance Imaging</i> , 2008, 19, 291-295.	0.7	27
88	RFA Guardian: Comprehensive Simulation of Radiofrequency Ablation Treatment of Liver Tumors. <i>Scientific Reports</i> , 2018, 8, 787.	1.6	27
89	Novel imaging techniques for intraoperative margin assessment in surgical oncology: A systematic review. <i>International Journal of Cancer</i> , 2021, 149, 635-645.	2.3	27
90	In Vivo Imaging of the Aneurysm Wall With MRI and a Macrophage-Specific Contrast Agent. <i>American Journal of Roentgenology</i> , 2009, 193, W437-W441.	1.0	26

#	ARTICLE	IF	CITATIONS
91	Location of Prostate Cancers Determined by Multiparametric and MRI-Guided Biopsy in Patients With Elevated Prostate-Specific Antigen Level and at Least One Negative Transrectal Ultrasoundâ€“Guided Biopsy. American Journal of Roentgenology, 2015, 205, 57-63.	1.0	26
92	Prostate and Lymph Node Proton Magnetic Resonance (MR) Spectroscopic Imaging with External Array Coils at 3 T to Detect Recurrent Prostate Cancer After Radiation Therapy. Investigative Radiology, 2007, 42, 420-427.	3.5	25
93	<i>In vivo</i>MR guided boiling histotripsy in a mouse tumor model evaluated by MRI and histopathology. NMR in Biomedicine, 2016, 29, 721-731.	1.6	25
94	Multiparametric MRI in the Detection of Clinically Significant Prostate Cancer. Korean Journal of Radiology, 2017, 18, 597.	1.5	24
95	MRI-Guided Biopsy as a Tool for Diagnosis and Research of Muscle Disorders. Journal of Neuromuscular Diseases, 2018, 5, 315-319.	1.1	24
96	A Single-Arm, Multicenter Validation Study of Prostate Cancer Localization and Aggressiveness With a Quantitative Multiparametric Magnetic Resonance Imaging Approach. Investigative Radiology, 2019, 54, 437-447.	3.5	24
97	Value of 3-T Magnetic Resonance Imaging in Local Staging of Prostate Cancer. Topics in Magnetic Resonance Imaging, 2008, 19, 285-289.	0.7	23
98	<i>T</i>1â€“weighted MR image contrast around a cryoablation iceball: A phantom study and initial comparison with <i>in vivo</i> findings. Medical Physics, 2014, 41, 112301.	1.6	22
99	Focal Salvage MR Imagingâ€“Guided Cryoablation for Localized Prostate Cancer Recurrence after Radiotherapy: 12-Month Follow-up. Journal of Vascular and Interventional Radiology, 2020, 31, 35-41.	0.2	22
100	Perineal descent and patientsâ€™ symptoms of anorectal dysfunction, pelvic organ prolapse, and urinary incontinence. International Urogynecology Journal, 2010, 21, 721-729.	0.7	21
101	Initial Results of 3-Dimensional 1H-Magnetic Resonance Spectroscopic Imaging in the Localization of Prostate Cancer at 3 Tesla. Investigative Radiology, 2011, 46, 301-306.	3.5	21
102	Underestimation of pelvic organ prolapse in the supine straining position, based on magnetic resonance imaging findings. International Urogynecology Journal, 2019, 30, 1939-1944.	0.7	21
103	Immune Modulation Plus Tumor Ablation: Adjuvants and Antibodies to Prime and Boost Anti-Tumor Immunity In Situ. Frontiers in Immunology, 2021, 12, 617365.	2.2	21
104	Imaging the Male Reproductive Tract: Current Trends and Future Directions. Radiologic Clinics of North America, 2008, 46, 133-147.	0.9	20
105	Automated Real-time Needle-Guide Tracking for Fast 3-T MR-guided Transrectal Prostate Biopsy: A Feasibility Study. Radiology, 2014, 273, 879-886.	3.6	20
106	Development of a high-field MR-guided HIFU setup for thermal and mechanical ablation methods in small animals. Journal of Therapeutic Ultrasound, 2015, 3, 14.	2.2	20
107	Evaluation of tongue squamous cell carcinoma resection margins using ex-vivo MR. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 821-828.	1.7	20
108	Multiparametric prostate MRI: technical conduct, standardized report and clinical use. Minerva Urology and Nephrology, 2018, 70, 9-21.	1.3	20

#	ARTICLE	IF	CITATIONS
109	Visibility of prostate cancer on transrectal ultrasound during fusion with multiparametric magnetic resonance imaging for biopsy. <i>Clinical Imaging</i> , 2016, 40, 745-750.	0.8	19
110	Optimising preoperative risk stratification tools for prostate cancer using mpMRI. <i>European Radiology</i> , 2018, 28, 1016-1026.	2.3	18
111	Identifying quantitative in vivo multi-parametric MRI features for treatment related changes after laser interstitial thermal therapy of prostate cancer. <i>Neurocomputing</i> , 2014, 144, 13-23.	3.5	17
112	Transrectal Ultrasound (US), Contrast-enhanced US, Real-time Elastography, HistoScanning, Magnetic Resonance Imaging (MRI), and MRI-US Fusion Biopsy in the Diagnosis of Prostate Cancer. <i>European Urology Focus</i> , 2015, 1, 117-126.	1.6	16
113	Imaging modalities in synchronous oligometastatic prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 2573-2583.	1.2	16
114	Imaging of Recurrent Prostate Cancer. <i>Radiologic Clinics of North America</i> , 2012, 50, 1075-1083.	0.9	15
115	Reproducibility of 3D ¹ H MR spectroscopic imaging of the prostate at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 166-173.	1.9	15
116	A pictorial overview of pubovisceral muscle avulsions on pelvic floor magnetic resonance imaging. <i>Insights Into Imaging</i> , 2013, 4, 431-441.	1.6	15
117	Assessment of Needle Guidance Devices for Their Potential to Reduce Fluoroscopy Time and Operator Hand Dose during C-Arm Cone-Beam Computed Tomographyâ€“guided Needle Interventions. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 901-906.	0.2	15
118	MRI as a tool to assess surgical margins and pseudocapsule features directly following partial nephrectomy for small renal masses. <i>European Radiology</i> , 2019, 29, 509-516.	2.3	15
119	Assessment of surgical tumorâ€“free resection margins in fresh squamousâ€“cell carcinoma resection specimens of the tongue using a clinical MRI system. <i>Head and Neck</i> , 2020, 42, 2039-2049.	0.9	15
120	High-risk prostate cancer: value of multi-modality 3T MRI-guided biopsies after previous negative biopsies. <i>Abdominal Radiology</i> , 2012, 37, 892-896.	1.0	14
121	Prognostic effect of neuroendocrine differentiation in prostate cancer: A critical review. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 265.e1-265.e7.	0.8	14
122	Update on the ICUD-SIU consultation on multi-parametric magnetic resonance imaging in localised prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 429-436.	1.2	14
123	MRI of the prostate: potential role of robots. <i>Imaging in Medicine</i> , 2010, 2, 583-592.	0.0	14
124	The lymphatic system throughout history: From hieroglyphic translations to state of the art radiological techniques. <i>Clinical Anatomy</i> , 2022, 35, 701-710.	1.5	14
125	Changes of prostate gland volume with and without androgen deprivation after intensity modulated radiotherapy â€“ A follow-up study. <i>Radiotherapy and Oncology</i> , 2009, 90, 408-412.	0.3	13
126	The influence of endorectal filling on rectal cancer staging with MRI. <i>British Journal of Radiology</i> , 2018, 91, 20180205.	1.0	13

#	ARTICLE	IF	CITATIONS
127	The Role of Multiparametric Magnetic Resonance Imaging in Active Surveillance for Men with Low-risk Prostate Cancer: A Cost-effectiveness Modeling Study. <i>European Urology Oncology</i> , 2018, 1, 476-483.	2.6	12
128	USPIO-enhanced MRI of lymph nodes in rectal cancer: A node-to-node comparison with histopathology. <i>European Journal of Radiology</i> , 2021, 138, 109636.	1.2	12
129	Quantitative identification of magnetic resonance imaging features of prostate cancer response following laser ablation and radical prostatectomy. <i>Journal of Medical Imaging</i> , 2014, 1, 035001.	0.8	11
130	3D MR thermometry of frozen tissue: Feasibility and accuracy during cryoablation at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1572-1579.	1.9	11
131	Practice Patterns Compared with Evidence-based Strategies for the Management of Androgen Deprivation Therapyâ€“Induced Side Effects in Prostate Cancer Patients: Results of a European Web-based Survey. <i>European Urology Focus</i> , 2016, 2, 514-521.	1.6	11
132	⁶⁸ Ga-PSMAâ€“Guided Bone Biopsies for Molecular Diagnostics in Patients with Metastatic Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1607-1614.	2.8	11
133	Extreme cervical elongation after sacrohysteropexy. <i>International Urogynecology Journal</i> , 2013, 24, 1579-1580.	0.7	10
134	On the importance of modelling organ geometry and boundary conditions for predicting three-dimensional prostate deformation. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 497-506.	0.9	10
135	Feasibility of Multiparametric Magnetic Resonance Imaging of the Prostate at 7 T. <i>Investigative Radiology</i> , 2017, 52, 295-301.	3.5	10
136	Feasibility study of intraoperative coneâ€“beam CT navigation for benign bone tumour surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019, 15, e1993.	1.2	10
137	Clinical evaluation of in silico planning and real-time simulation of hepatic radiofrequency ablation (ClinicIMPACT Trial). <i>European Radiology</i> , 2020, 30, 934-942.	2.3	10
138	Impact of MR-guided boiling histotripsy in distinct murine tumor models. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 1-8.	3.8	9
139	Beyond transrectal ultrasound-guided prostate biopsies: available techniques and approaches. <i>World Journal of Urology</i> , 2019, 37, 419-427.	1.2	9
140	A comparison of magnetic resonance imaging techniques used to secure biopsies in prostate cancer patients. <i>Expert Review of Anticancer Therapy</i> , 2019, 19, 705-716.	1.1	9
141	Considerations for artificial intelligence clinical impact in oncologic imaging: an AI4HI position paper. <i>Insights Into Imaging</i> , 2022, 13, 89.	1.6	9
142	Multiparametric MRI in Prostate Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-3.	0.9	8
143	In vivo photoacoustics and high frequency ultrasound imaging of mechanical high intensity focused ultrasound (HIFU) ablation. <i>Biomedical Optics Express</i> , 2017, 8, 2235.	1.5	8
144	Ex vivo MRI evaluation of prostate cancer: Localization and margin status prediction of prostate cancer in fresh radical prostatectomy specimens. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 439-448.	1.9	8

#	ARTICLE	IF	CITATIONS
145	Effect of irreversible electroporation parameters and the presence of a metal stent on the electric field line pattern. <i>Scientific Reports</i> , 2020, 10, 13517.	1.6	8
146	Definitions of Computer-Assisted Surgery and Intervention, Image-Guided Surgery and Intervention, Hybrid Operating Room, and Guidance Systems. <i>Annals of Surgery Open</i> , 2020, 1, e021.	0.7	8
147	Percutaneous MR Imagingâ€“Guided Cryoablation of Small Renal Masses in a 3-T Closed-Bore MR Imaging Environment: Initial Experience. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1098-1107.e1.	0.2	7
148	Diagnostic accuracy of flat-panel computed tomography in assessing cerebral perfusion in comparison with perfusion computed tomography and perfusion magnetic resonance: a systematic review. <i>Neuroradiology</i> , 2019, 61, 1457-1468.	1.1	7
149	Minimally invasive magnetic resonance image-guided prostate interventions. <i>British Journal of Radiology</i> , 2022, 95, 20210698.	1.0	7
150	Reducing Acquisition Time of Diffusion Weighted MR Imaging of the Rectum with Simultaneous Multi-Slice Acquisition: A Reader Study. <i>Academic Radiology</i> , 2022, 29, 1802-1807.	1.3	7
151	Quantitative evaluation of treatment related changes on multi-parametric MRI after laser interstitial thermal therapy of prostate cancer. <i>Proceedings of SPIE</i> , 2013, 8671, 86711F.	0.8	6
152	In-Bore MR-Guided Biopsy Systems and Utility of PI-RADS. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 119-123.	0.7	6
153	MR-targeted TRUS prostate biopsy using local reference augmentation: initial experience. <i>International Urology and Nephrology</i> , 2016, 48, 1037-1045.	0.6	6
154	Yield of Repeat Targeted Direct in-Bore Magnetic Resonance-Guided Prostate Biopsy (MRGB) of the Same Lesions in Men Having a Prior Negative Targeted MRGB. <i>Korean Journal of Radiology</i> , 2018, 19, 733.	1.5	6
155	Follow-up imaging after cryoablation of clear cell renal cell carcinoma is feasible using single photon emission computed tomography with ¹¹¹ In-girentuximab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1864-1870.	3.3	6
156	Validation of a Web-Based Planning Tool for Percutaneous Cryoablation of Renal Tumors. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1661-1670.	0.9	6
157	Need for Systematic Magnetic Resonance Imaging Interpretation and Reporting after Partial Prostate Gland Ablation. <i>European Urology</i> , 2021, 79, 167-169.	0.9	6
158	Variation in the Prescription of Androgen Deprivation Therapy in Intermediate- and High-risk Prostate Cancer Patients Treated with Radiotherapy in the Netherlands, and Adherence to European Association of Urology Guidelines: A Population-based Study. <i>European Urology Focus</i> , 2021, 7, 332-339.	1.6	6
159	Role of MRI for the detection of prostate cancer. <i>World Journal of Urology</i> , 2021, 39, 637-649.	1.2	6
160	Three-dimensional quantitative muscle ultrasound in a healthy population. <i>Muscle and Nerve</i> , 2021, 64, 199-205.	1.0	6
161	Real-Time MRI-Guided Prostate Interventions. <i>Cancers</i> , 2022, 14, 1860.	1.7	6
162	Rectal obstruction after a vaginal posterior compartment polypropylene mesh fixed to the sacrospinous ligaments. <i>International Urogynecology Journal</i> , 2011, 22, 1035-1037.	0.7	5

#	ARTICLE	IF	CITATIONS
163	Exploring the risk-reward balance in focal therapy for prostate cancer—a contribution to the debate. <i>Prostate Cancer and Prostatic Diseases</i> , 2019, 22, 382-384.	2.0	5
164	Magnetic Resonance Imaging Assessment After Therapy in Prostate Cancer. <i>Topics in Magnetic Resonance Imaging</i> , 2020, 29, 47-58.	0.7	5
165	Percutaneous Nephrolithotomy with Intraoperative Computed Tomography Scanning Improves Stone-Free Rates. <i>Journal of Endourology</i> , 2021, 35, 267-273.	1.1	5
166	Kidney tumor diffusion-weighted magnetic resonance imaging derived ADC histogram parameters combined with patient characteristics and tumor volume to discriminate oncocytoma from renal cell carcinoma. <i>European Journal of Radiology</i> , 2021, 145, 110013.	1.2	5
167	Systematic ultrasound-guided saturation and template biopsy of the prostate: indications and advantages of extended sampling. <i>Archivos Espanoles De Urologia</i> , 2015, 68, 296-306.	0.1	5
168	Research Highlight: ⁶⁸ Ga-PSMA-11 PET Imaging for Pelvic Nodal Metastasis in Prostate Cancer. <i>Korean Journal of Radiology</i> , 2022, 23, 293.	1.5	5
169	Study Protocol PROMETHEUS: Prospective Multicenter Study to Evaluate the Correlation Between Safety Margin and Local Recurrence After Thermal Ablation Using Image Co-registration in Patients with Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 606-612.	0.9	5
170	Image-guided procedures in the hybrid operating room: A systematic scoping review. <i>PLoS ONE</i> , 2022, 17, e0266341.	1.1	5
171	Clinical Comparison Between a Currently Available Single-Loop and an Investigational Dual-Channel Endorectal Receive Coil for Prostate Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 15-22.	3.5	4
172	Simultaneous slice excitation for accelerated passive marker tracking via phase-only cross correlation (POCC) in MR-guided needle interventions. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 781-788.	1.1	4
173	MRI evaluation of vulvar squamous cell carcinoma in fresh radical local excision specimens for cancer localization and prediction of surgical tumor-free margins. <i>NMR in Biomedicine</i> , 2019, 32, e4025.	1.6	4
174	Development of a thermal model for irreversible electroporation: an approach to estimate and optimize the IRE protocols. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 1325-1334.	1.7	4
175	Development of an MRI-Guided Approach to Selective Internal Radiation Therapy Using Holmium-166 Microspheres. <i>Cancers</i> , 2021, 13, 5462.	1.7	4
176	A preliminary evaluation of a flexible needle steering algorithm using magnetic resonance images as feedback. , 2014, , .		3
177	High-Resolution Diffusion-weighted Imaging Increases Prostate Cancer Visibility?. <i>EBioMedicine</i> , 2016, 7, 12.	2.7	3
178	Reconstruction of nonlinear ultrasound field of an annular therapeutic array from acoustic holograms of its individual elements. <i>Proceedings of Meetings on Acoustics</i> , 2017, 32, .	0.3	3
179	Immediate treatment vs. active-surveillance in very-low-risk prostate cancer: the role of patient-, tumour-, and hospital-related factors. <i>Prostate Cancer and Prostatic Diseases</i> , 2019, 22, 337-343.	2.0	3
180	MR Imaging in Real Time Guiding of Therapies in Prostate Cancer. <i>Life</i> , 2022, 12, 302.	1.1	3

#	ARTICLE	IF	CITATIONS
181	Will Magnetic Resonance Imaging-guided Biopsy Replace Systematic Biopsy?. European Urology Focus, 2015, 1, 152-155.	1.6	2
182	Assessing Metastatic Disease in Advanced Prostate Cancer: It's Time to Change Imaging. European Urology, 2017, 71, 93-95.	0.9	2
183	The utility of in-bore multiparametric magnetic resonance-guided biopsy in men with negative multiparametric magnetic resonance-ultrasound software-based fusion targeted biopsy. Urologic Oncology: Seminars and Original Investigations, 2021, 39, 297.e9-297.e16.	0.8	2
184	Recent Advances in Imaging of Male Reproductive Tract Malignancies. Cancer Treatment and Research, 2008, 143, 331-364.	0.2	2
185	Biological Effects After Discontinuation of VEGFR Inhibitors in Metastatic Renal Cell Cancer. Anticancer Research, 2015, 35, 5601-6.	0.5	2
186	Intraprocedural MRI-based dosimetry during transarterial radioembolization of liver tumours with holmium-166 microspheres (EMERITUS-1): a phase I trial towards adaptive, image-controlled treatment delivery. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4705-4715.	3.3	2
187	Notice of Removal: Photoacoustic and high frequency ultrasound imaging of mechanical and thermal HIFU ablation. , 2017, , .		1
188	Are clinical guidelines designed according to guidelines? Cross-sectional assessment of quality and transparency of clinical guidelines in urology. World Journal of Urology, 2018, 36, 1489-1494.	1.2	1
189	Fast 3-T MR-guided transrectal prostate biopsy using an in-room tablet device for needle guide alignment: a feasibility study. European Radiology, 2018, 28, 4824-4831.	2.3	1
190	The Value of Multiparametric MRI for Assessment of Inferior Vena Cava Wall Invasion by Renal Cell Carcinoma Thrombus: A Prospective Feasibility Study. Kidney Cancer, 2019, 3, 227-233.	0.2	1
191	Reply by Authors. Journal of Urology, 2021, 205, 779-779.	0.2	1
192	Imaging findings of vinyl dimethyl polydimethylsiloxane used as a paraurethral injectable for female stress urinary incontinence. Therapeutic Advances in Urology, 2021, 13, 175628722110609.	0.9	1
193	Optimised passive marker device visibility and automatic marker detection for 3-T MRI-guided endovascular interventions: a pulsatile flow phantom study. European Radiology Experimental, 2022, 6, 11.	1.7	1
194	Current State of MRI-Guided Endovascular Arterial Interventions: A Systematic Review of Preclinical and Clinical Studies. Journal of Magnetic Resonance Imaging, 2022, 56, 1322-1342.	1.9	1
195	Investigating the effect of electrode orientation on irreversible electroporation with experiment and simulation. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1399-1407.	1.7	1
196	Prostate cancer imaging. European Journal of Radiology, 2007, 63, 309.	1.2	0
197	Recent advances in MRI-guided biopsy for prostate cancer detection. Imaging in Medicine, 2013, 5, 83-87.	0.0	0
198	A software tool for advanced MRgFUS prostate therapy planning and follow up. AIP Conference Proceedings, 2017, , .	0.3	0

#	ARTICLE	IF	CITATIONS
199	Imaging Techniques for Detecting Complete Response after Neoadjuvant Therapy in Patients with Esophageal Cancer: A Systematic Review and Meta-Analysis. <i>European Journal of Surgical Oncology</i> , 2020, 46, e139.	0.5	0
200	Production and clinical evaluation of breast lesion skin markers for automated three-dimensional ultrasonography of the breast: a pilot study. <i>European Radiology</i> , 2020, 30, 3356-3362.	2.3	0
201	Measuring inter-individual differences in stress sensitivity during MR-guided prostate biopsy. <i>Scientific Reports</i> , 2021, 11, 2454.	1.6	0
202	Safety aspects of the PiCCO thermodilution-cardiac output catheter during magnetic resonance imaging at 3ATesla. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 141-145.	0.7	0
203	Increased Needle Visibility in Ultrasound-Guided Percutaneous Liver Biopsy by an Echogenic Sheath: A Proof of Concept Study in a Human Cadaver. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 959-967.	0.9	0
204	Magnetic Resonance Imaging-Guided Prostate Biopsy: How We Do It. <i>Videourology (New Rochelle, N Y)</i> , 2013, 27, .	0.1	0
205	Innovations in prostate cancer: introductory editorial. <i>British Journal of Radiology</i> , 2022, 95, 20229003.	1.0	0