Jelle O Barentsz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7355925/publications.pdf

Version: 2024-02-01

228 papers	25,998 citations	10986 71 h-index	6471 157 g-index
228 all docs	228 docs citations	228 times ranked	12996 citing authors

#	Article	IF	Citations
1	Clinical implementation of preâ€biopsy magnetic resonance imaging pathways for the diagnosis of prostate cancer. BJU International, 2022, 129, 480-490.	2.5	5
2	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 4: Transperineal Magnetic Resonanceâ€“Ultrasound Fusion Guided Biopsy Using Local Anesthesia. European Urology, 2022, 81, 110-117.	1.9	17
3	PI-QUAL v.1: the first step towards good-quality prostate MRI. European Radiology, 2022, 32, 876-878.	4.5	10
4	Ferumoxtran-10-enhanced 3-T Magnetic Resonance Angiography of Pelvic Arteries: Initial Experience. European Urology Focus, 2022, 8, 1802-1808.	3.1	5
5	A Prospective Multicenter Comparison Study of Risk-adapted Ultrasound-directed and Magnetic Resonance Imagingâ€“directed Diagnostic Pathways for Suspected Prostate Cancer in Biopsy-naÃ¯ve Men. European Urology, 2022, 82, 318-326.	1.9	9
6	Risk Stratification and Artificial Intelligence in Early Magnetic Resonance Imagingâ€“based Detection of Prostate Cancer. European Urology Focus, 2022, 8, 1187-1191.	3.1	3
7	An Update to the Pilot Study of 177Lu-PSMA in Low Volume Hormone-Sensitive Prostate Cancer. Frontiers in Nuclear Medicine, 2022, 2, .	1.2	2
8	Diagnostic Accuracy and Observer Agreement of the MRI Prostate Imaging for Recurrence Reporting Assessment Score. Radiology, 2022, 304, 342-350.	7.3	21
9	Implications of the European Association of Urology Recommended Risk Assessment Algorithm for Early Prostate Cancer Detection. European Urology Open Science, 2022, 43, 1-4.	0.4	1
10	Evaluating F-18-PSMA-1007-PET in primary prostate cancer and comparing it to multi-parametric MRI and histopathology. Prostate Cancer and Prostatic Diseases, 2021, 24, 423-430.	3.9	37
11	Perspectives and Concerns about PI-RADS and Variability. Radiology, 2021, 298, E112-E112.	7.3	0
12	A multifaceted approach to quality in the MRI-directed biopsy pathway for prostate cancer diagnosis. European Radiology, 2021, 31, 4386-4389.	4.5	17
13	PI-RADS Committee Position on MRI Without Contrast Medium in Biopsy-Naive Men With Suspected Prostate Cancer: Narrative Review. American Journal of Roentgenology, 2021, 216, 3-19.	2.2	76
14	Head-to-Head Comparison of ⁶⁸Ga-Prostate-Specific Membrane Antigen PET/CT and Ferumoxtran-10â€“Enhanced MRI for the Diagnosis of Lymph Node Metastases in Prostate Cancer Patients. Journal of Nuclear Medicine, 2021, 62, 1258-1263.	5.0	26
15	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.	5.4	72
16	Early Detection of Prostate Cancer in 2020 and Beyond: Facts and Recommendations for the European Union and the European Commission. European Urology, 2021, 79, 327-329.	1.9	54
17	Lutetium-177-PSMA-617 in Low-Volume Hormone-Sensitive Metastatic Prostate Cancer: A Prospective Pilot Study. Clinical Cancer Research, 2021, 27, 3595-3601.	7.0	53
18	Fast Magnetic Resonance Imaging as a Viable Method for Directing the Prostate Cancer Diagnostic Pathway. European Urology Oncology, 2021, 4, 863-865.	5.4	1

#	Article	IF	Citations
19	ESUR/ESUI position paper: developing artificial intelligence for precision diagnosis of prostate cancer using magnetic resonance imaging. European Radiology, 2021, 31, 9567-9578.	4.5	34
20	Clinical use of the SelectMDx urinary-biomarker test with or without mpMRI in prostate cancer diagnosis: a prospective, multicenter study in biopsy-naÃ¯ve men. Prostate Cancer and Prostatic Diseases, 2021, 24, 1110-1119.	3.9	40
21	Reply to Laura Evangelista and Egesta Lopcia€™s Letter to the Editor re: Hendrik Van Poppel, RenÃ©e Hogenhout, Peter Albers, et al. Early Detection of Prostate Cancer in 2020 and Beyond: Facts and Recommendations for the European Union and the European Commission. Eur Urol 2021;79:327â€“9: Early Detection of Prostate Cancer in High-risk Patients with Negative Fusion Biopsy. European Urology, 2021, 80, e28-e29.	1.9	0
22	A European Model for an Organised Risk-stratified Early Detection Programme for Prostate Cancer. European Urology Oncology, 2021, 4, 731-739.	5.4	51
23	Update to a randomized controlled trial of lutetium-177-PSMA in Oligo-metastatic hormone-sensitive prostate cancer: the BULLSEYE trial. Trials, 2021, 22, 768.	1.6	13
24	Radiomic combination of spatial and temporal features extracted from DCE-MRI for prostate cancer detection *. , 2021, 2021, 3153-3156.		0
25	Modelling Study with an Interactive Model Assessing the Cost-effectiveness of 68Ga Prostate-specific Membrane Antigen Positron Emission Tomography/Computed Tomography and Nano Magnetic Resonance Imaging for the Detection of Pelvic Lymph Node Metastases in Patients with Primary Prostate Cancer. European Urology Focus, 2020, 6, 967-974.	3.1	15
26	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 1: Acquisition. European Urology, 2020, 77, 457-468.	1.9	62
27	Analysis of Magnetic Resonance Imagingâ€“directed Biopsy Strategies for Changing the Paradigm of Prostate Cancer Diagnosis. European Urology Oncology, 2020, 3, 32-41.	5.4	53
28	Is There Still a Need for Repeated Systematic Biopsies in Patients with Previous Negative Biopsies in the Era of Magnetic Resonance Imaging-targeted Biopsies of the Prostate?. European Urology Oncology, 2020, 3, 216-223.	5.4	35
29	Reply to Antonio Cianzione, Massimo Imbriaco, and Renato Cuocolo's Letter to the Editor re: Marloes van der Leest, Bas IsraÃ«l, Eric Bastiaan Cornel, et al. High Diagnostic Performance of Short Magnetic Resonance Imaging Protocols for Prostate Cancer Detection in Biopsy-naÃ¯ve Men: The Next Step in Magnetic Resonance Imaging Accessibility. Eur Urol 2019;76:574â€“81. Are We Meeting Our Standards? Stringent Prostate Imaging Reporting and Data System Acquisition Requirements Might be Limiting Prostate Accessibility. European Urology, 2020, 77, e58-e59.	1.9	8
30	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 3: Targeted Biopsy. European Urology, 2020, 77, 481-490.	1.9	36
31	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 2: Interpretation. European Urology, 2020, 77, 469-480.	1.9	59
32	Re: 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. European Urology, 2020, 78, 633-636.	1.9	9
33	Lutetium-177-PSMA-I&T as metastases directed therapy in oligometastatic hormone sensitive prostate cancer, a randomized controlled trial. BMC Cancer, 2020, 20, 884.	2.6	32
34	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologistsâ€™ training. European Radiology, 2020, 30, 5404-5416.	4.5	185
35	Can Biparametric Prostate Magnetic Resonance Imaging Fulfill its PROMIS?. European Urology, 2020, 78, 512-514.	1.9	6
36	Platinum Opinion Counterview: The Evidence Base for the Benefit of Magnetic Resonance Imaging-directed Prostate Cancer Diagnosis is Sound. European Urology, 2020, 78, 307-309.	1.9	7

#	Article	IF	Citations
37	Factors Influencing Variability in the Performance of Multiparametric Magnetic Resonance Imaging in Detecting Clinically Significant Prostate Cancer: A Systematic Literature Review. European Urology Oncology, 2020, 3, 145-167.	5.4	75
38	Focus on the Quality of Prostate Multiparametric Magnetic Resonance Imaging: Synopsis of the ESUR/ESUI Recommendations on Quality Assessment and Interpretation of Images and Radiologistsâ€™ Training. European Urology, 2020, 78, 483-485.	1.9	27
39	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. Radiology, 2020, 296, 76-84.	7.3	207
40	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologistsâ€™ training. , 2020, 30, 5404.		1
41	Prostate Imaging-Reporting and Data System Steering Committee: PI-RADS v2 Status Update and Future Directions. European Urology, 2019, 75, 385-396.	1.9	200
42	Complications and Adverse Events of Three Magnetic Resonance Imagingâ€“based Target Biopsy Techniques in the Diagnosis of Prostate Cancer Among Men with Prior Negative Biopsies: Results from the FUTURE Trial, a Multicentre Randomised Controlled Trial. European Urology Oncology, 2019, 2, 617-624.	5.4	46
43	Blood-derived dendritic cell vaccinations induce immune responses that correlate with clinical outcome in patients with chemo-naive castration-resistant prostate cancer. , 2019, 7, 302.		72
44	Reply to Jochen Walz. Let's Keep It at One Step at a Time: Why Biparametric Magnetic Resonance Imaging Is Not the Priority Today. Eur Urol 2019;76:582â€“3. European Urology, 2019, 76, 584-585.	1.9	4
45	USPIO-enhanced MRI of pelvic lymph nodes at 7-T: preliminary experience. European Radiology, 2019, 29, 6529-6538.	4.5	17
46	Reply to Byung Kwan Park's Letter to the Editor re: Baris Turkbey, Andrew B. Rosenkrantz, Masoom A. Haider, et al. Prostate Imaging Reporting and Data System Version 2.1: 2019 Update of Prostate Imaging Reporting and Data System Version 2. Eur Urol 2019;76:329â€“40. European Urology, 2019, 76, e79.	1.9	0
47	Multiparametric magnetic resonance imaging and followâ€up to avoid prostate biopsy in 4259 men. BJU International, 2019, 124, 775-784.	2.5	31
48	High Diagnostic Performance of Short Magnetic Resonance Imaging Protocols for Prostate Cancer Detection in Biopsy-naÃ¯ve Men: The Next Step in Magnetic Resonance Imaging Accessibility. European Urology, 2019, 76, 574-581.	1.9	114
49	PI-RADS Steering Committee: The PI-RADS Multiparametric MRI and MRI-directed Biopsy Pathway. Radiology, 2019, 292, 464-474.	7.3	162
50	Prostate Imaging Reporting and Data System Version 2.1: 2019 Update of Prostate Imaging Reporting and Data System Version 2. European Urology, 2019, 76, 340-351.	1.9	1,270
51	Multiparametric Magnetic Resonance Imaging for Prostate Cancer Detection: What We See and What We Miss. European Urology, 2019, 75, 721-722.	1.9	12
52	The FUTURE Trial: A Multicenter Randomised Controlled Trial on Target Biopsy Techniques Based on Magnetic Resonance Imaging in the Diagnosis of Prostate Cancer in Patients with Prior Negative Biopsies. European Urology, 2019, 75, 582-590.	1.9	188
53	Head-to-head Comparison of Transrectal Ultrasound-guided Prostate Biopsy Versus Multiparametric Prostate Resonance Imaging with Subsequent Magnetic Resonance-guided Biopsy in Biopsy-naÃ¯ve Men with Elevated Prostate-specific Antigen: A Large Prospective Multicenter Clinical Study. European Urology, 2019, 75, 570-578.	1.9	521
54	Reply to Jeremy Y.C. Teoh, Thomas R.W. Herrmann, and Marek Babjuk's Letter to the Editor re: Valeria Panebianco, Yoshifumi Narumi, Ersan Altun, et al. Multiparametric Magnetic Resonance Imaging for Bladder Cancer: Development of VI-RADS (Vesical Imaging-Reporting and Data System). Eur Urol 2018;74:294â€“306. European Urology, 2019, 75, e29-e30.	1.9	3

#	Article	IF	Citations
55	Value of Serial Multiparametric Magnetic Resonance Imaging and Magnetic Resonance Imagingâ€“guided Biopsies in Men with Low-risk Prostate Cancer on Active Surveillance After 1 Yr Follow-up. European Urology Focus, 2019, 5, 407-415.	3.1	23
56	Results of Targeted Biopsy in Men with Magnetic Resonance Imaging Lesions Classified Equivocal, Likely or Highly Likely to Be Clinically Significant Prostate Cancer. European Urology, 2018, 73, 353-360.	1.9	105
57	Ultraâ€small superparamagnetic iron oxides for metastatic lymph node detection: back on the block. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1471.	6.1	70
58	Characteristics of Prostate Cancer Found at Fifth Screening in the European Randomized Study of Screening for Prostate Cancer Rotterdam: Can We Selectively Detect High-grade Prostate Cancer with Upfront Multivariable Risk Stratification and Magnetic Resonance Imaging?. European Urology, 2018, 73, 343-350.	1.9	19
59	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.	4.5	1
60	Evaluation of Dispersion MRI for Improved Prostate Cancer Diagnosis in a Multicenter Study. American Journal of Roentgenology, 2018, 211, W242-W251.	2.2	7
61	Reply to Andrea Necchi, Antonella Messina, and Alberto Briganti's Letter to the Editor re: Valeria Panebianco, Yoshifumi Narumi, Ersan Altun, et al. Multiparametric Magnetic Resonance Imaging for Bladder Cancer: Development of VI-RADS (Vesical Imaging-Reporting and Data System). Eur Urol 2018;74:294â€“306. European Urology, 2018, 74, e109.	1.9	7
62	Multiparametric Magnetic Resonance Imaging for Bladder Cancer: Development of VI-RADS (Vesical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	372
63	Myeloid and plasmacytoid dendritic cell vaccinations for castration-resistant prostate cancer patients.. Journal of Clinical Oncology, 2018, 36, 219-219.	1.6	2
64	A multiparametric magnetic resonance imagingâ€based risk model to determine the risk of significant prostate cancer prior to biopsy. BJU International, 2017, 120, 774-781.	2.5	98
65	Time to enhancement derived from ultrafast breast MRI as a novel parameter to discriminate benign from malignant breast lesions. European Journal of Radiology, 2017, 89, 90-96.	2.6	66
66	Prostate Imaging-Reporting and Data System Version 2 and the Implementation of High-quality Prostate Magnetic Resonance Imaging. European Urology, 2017, 72, 189-191.	1.9	12
67	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-naÃ¯ve Men?. European Urology, 2017, 71, 896-903.	1.9	119
68	MRI-guided focal laser ablation for prostate cancer followed by radical prostatectomy: correlation of treatment effects with imaging. World Journal of Urology, 2017, 35, 703-711.	2.2	42
69	A urinary biomarkerâ€based risk score correlates with multiparametric MRI for prostate cancer detection. Prostate, 2017, 77, 1401-1407.	2.3	61
70	Comparing Three Different Techniques for Magnetic Resonance Imaging-targeted Prostate Biopsies: A Systematic Review of In-bore versus Magnetic Resonance Imaging-transrectal Ultrasound fusion versus Cognitive Registration. Is There a Preferred Technique?. European Urology, 2017, 71, 517-531.	1.9	326
71	Assessing Metastatic Disease in Advanced Prostate Cancer: It's Time to Change Imaging. European Urology, 2017, 71, 93-95.	1.9	2
72	Reply to Erik Rud and Eduard Baco's Letter to the Editor re: Re: Jeffrey C. Weinreb, Jelle O. Barentsz, Peter L. Choyke, et al. PI-RADS Prostate Imaging â€“ Reporting and Data System: 2015, Version 2. Eur Urol 2016;69:16â€“40. European Urology, 2016, 70, e137-e138.	1.9	22

#	Article	IF	Citations
73	Visibility of prostate cancer on transrectal ultrasound during fusion with multiparametric magnetic resonance imaging for biopsy. Clinical Imaging, 2016, 40, 745-750.	1.5	19
74	PI-RADS Version 2: A Pictorial Update. Radiographics, 2016, 36, 1354-1372.	3.3	88
75	MR-targeted TRUS prostate biopsy using local reference augmentation: initial experience. International Urology and Nephrology, 2016, 48, 1037-1045.	1.4	6
76	Synopsis of the PI-RADS v2 Guidelines for Multiparametric Prostate Magnetic Resonance Imaging and Recommendations for Use. European Urology, 2016, 69, 41-49.	1.9	454
77	PI-RADS Prostate Imaging â€“ Reporting and Data System: 2015, Version 2. European Urology, 2016, 69, 16-40.	1.9	2,290
78	Accuracy of Magnetic Resonance Imaging for Local Staging of Prostate Cancer: A Diagnostic Meta-analysis. European Urology, 2016, 70, 233-245.	1.9	466
79	Computer-extracted Features Can Distinguish Noncancerous Confounding Disease from Prostatic Adenocarcinoma at Multiparametric MR Imaging. Radiology, 2016, 278, 135-145.	7.3	43
80	Intranodal signal suppression in pelvic MR lymphography of prostate cancer patients: a quantitative comparison of ferumoxtran-10 and ferumoxytol. PeerJ, 2016, 4, e2471.	2.0	8
81	Biomechanical modeling constrained surfaceâ€based image registration for prostate MR guided TRUS biopsy. Medical Physics, 2015, 42, 2470-2481.	3.0	18
82	Multiparametric Magnetic Resonance Imaging for Discriminating Low-Grade From High-Grade Prostate Cancer. Investigative Radiology, 2015, 50, 490-497.	6.2	63
83	Will Magnetic Resonance Imaging-guided Biopsy Replace Systematic Biopsy?. European Urology Focus, 2015, 1, 152-155.	3.1	2
84	Reply to Yaalini Shanmugabavan, Stephanie Guillaumier and Hashim U. Ahmed's Letter to the Editor re: Morgan R. Pokorny, Maarten de Rooij, Earl Duncan, et al. Prospective Study of Diagnostic Accuracy Comparing Prostate Cancer Detection by Transrectal Ultrasoundâ€“Guided Biopsy Versus Magnetic Resonance (MR) Imaging with Subsequent MR-guided Biopsy in Men Without Previous Prostate Biopsies. Eur Urol 2014;66:22â€“9. European Urology, 2015, 67, e54-e55.	1.9	8
85	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.	2.2	26
86	Prostate Cancer: The European Society of Urogenital Radiology Prostate Imaging Reporting and Data System Criteria for Predicting Extraprostatic Extension by Using 3-T Multiparametric MR Imaging. Radiology, 2015, 276, 479-489.	7.3	53
87	Can imaging accurately diagnose lymph node involvement?. Nature Reviews Urology, 2015, 12, 313-315.	3.8	9
88	Clinical evaluation of a computer-aided diagnosis system for determining cancer aggressiveness in prostate MRI. European Radiology, 2015, 25, 3187-3199.	4.5	57
89	Use of the Prostate Imaging Reporting and Data System (PI-RADS) for Prostate Cancer Detection with Multiparametric Magnetic Resonance Imaging: A Diagnostic Meta-analysis. European Urology, 2015, 67, 1112-1121.	1.9	270
90	Measuring health-related quality of life in men with prostate cancer: A systematic review of the most used questionnaires and their validity. Urologic Oncology: Seminars and Original Investigations, 2015, 33, 69.e19-69.e28.	1.6	58

#	Article	IF	Citations
91	Standardization of Multiparametric Prostate MR Imaging Using PI-RADS. BioMed Research International, 2014, 2014, 1-9.	1.9	29
92	Automated Real-time Needle-Guide Tracking for Fast 3-T MR-guided Transrectal Prostate Biopsy: A Feasibility Study. Radiology, 2014, 273, 879-886.	7.3	20
93	Value of 3-T Multiparametric Magnetic Resonance Imaging and Magnetic Resonanceâ€“Guided Biopsy for Early Risk Restratification in Active Surveillance of Low-Risk Prostate Cancer. Investigative Radiology, 2014, 49, 165-172.	6.2	83
94	Cost-effectiveness of Magnetic Resonance (MR) Imaging and MR-guided Targeted Biopsy Versus Systematic Transrectal Ultrasoundâ€“Guided Biopsy in Diagnosing Prostate Cancer: A Modelling Study from a Health Care Perspective. European Urology, 2014, 66, 430-436.	1.9	171
95	Lymphotropic Nanoparticle-enhanced MRI in Prostate Cancer: Value and Therapeutic Potential. Current Urology Reports, 2014, 15, 389.	2.2	38
96	Prospective Study of Diagnostic Accuracy Comparing Prostate Cancer Detection by Transrectal Ultrasoundâ€“Guided Biopsy Versus Magnetic Resonance (MR) Imaging with Subsequent MR-guided Biopsy in Men Without Previous Prostate Biopsies. European Urology, 2014, 66, 22-29.	1.9	445
97	Computer-Aided Detection of Prostate Cancer in MRI. IEEE Transactions on Medical Imaging, 2014, 33, 1083-1092.	8.9	338
98	Accuracy of Multiparametric MRI for Prostate Cancer Detection: A Meta-Analysis. American Journal of Roentgenology, 2014, 202, 343-351.	2.2	402
99	Correlation between dynamic contrast-enhanced MRI and quantitative histopathologic microvascular parameters in organ-confined prostate cancer. European Radiology, 2014, 24, 2597-2605.	4.5	38
100	Image quality and cancer visibility of T2-weighted Magnetic Resonance Imaging of the prostate at 7 Tesla. European Radiology, 2014, 24, 1950-1958.	4.5	32
101	Prostate Cancer Antigen 3: Diagnostic Outcomes in Men Presenting With Urinary Prostate Cancer Antigen 3 ScoresÂâ‰¥100. Urology, 2014, 83, 613-616.	1.0	14
102	Reply to Sarah Willis, Alec Miners, and Jan van der Meulen's Letter to the Editor re: Maarten de Rooij, Simone Crienen, J. Alfred Witjes, Jelle O. Barentsz, Maroeska M. Rovers, Janneke P.C. Grutters. Cost-effectiveness of Magnetic Resonance (MR) Imaging and MR-guided Targeted Biopsy Versus Systematic Transrectal Ultrasoundâ€“guided Biopsy in Diagnosing Prostate Cancer: A Modelling Study from a Health Care Perspective. Eur Urol. In press. http://dx.doi.org/10.1016/j.eururo.2013.12.012. European Urology, 2014, 66, e30.	1.9	2
103	Prostate MRI: Access to and Current Practice of Prostate MRI in the United States. Journal of the American College of Radiology, 2014, 11, 156-160.	1.8	52
104	Multiparametric magnetic resonance imaging of the prostate: current concepts. Radiologia Brasileira, 2014, 47, 292-300.	0.7	20
105	MRI-Guided Biopsy for Prostate Cancer Detection: A Systematic Review of Current Clinical Results. Current Urology Reports, 2013, 14, 209-213.	2.2	86
106	A retrospective analysis of the prognosis of prostate cancer patients with lymph node involvement on MR lymphography: who might be cured. Radiation Oncology, 2013, 8, 190.	2.7	11
107	Reply to Letter to the Editor re: ESUR prostate MR guidelines. European Radiology, 2013, 23, 2322-2323.	4.5	6
108	Simulated required accuracy of image registration tools for targeting high-grade cancer components with prostate biopsies. European Radiology, 2013, 23, 1401-1407.	4.5	41

#	Article	IF	Citations
109	Corrigendum to â€œGeographical distribution of lymph node metastases on MR lymphography in prostate cancer patientsâ€•[Radiother Oncol 106 (2013) 59â€“63]. Radiotherapy and Oncology, 2013, 107, 442.	0.6	0
110	Clinical applications of multiparametric MRI within the prostate cancer diagnostic pathway. Urologic Oncology: Seminars and Original Investigations, 2013, 31, 281-284.	1.6	32
111	Scoring systems used for the interpretation and reporting of multiparametric MRI for prostate cancer detection, localization, and characterization: could standardization lead to improved utilization of imaging within the diagnostic pathway?. Journal of Magnetic Resonance Imaging, 2013, 37, 48-58.	3.4	119
112	Assessment of Prostate Cancer Aggressiveness Using Dynamic Contrast-enhanced Magnetic Resonance Imaging at 3 T. European Urology, 2013, 64, 448-455.	1.9	152
113	Comments on Ultrasmall superparamagnetic particles of iron oxide allow for the detection of metastases in normal sized pelvic lymph nodes of patients with bladder and/or prostate cancer, Triantafyllou et al., European journal of cancer, published online 22 October 2012. European Journal of Cancer, 2013, 49, 1789-1790.	2.8	7
114	Ferumoxtran-10 Ultrasmall Superparamagnetic Iron Oxideâ€“Enhanced Diffusion-weighted Imaging Magnetic Resonance Imaging for Detection of Metastases in Normal-sized Lymph Nodes in Patients with Bladder and Prostate Cancer: Do We Enter the Era After Extended Pelvic Lymph Node Dissection?. European Urology, 2013, 64, 961-963.	1.9	27
115	Geographical distribution of lymph node metastases on MR lymphography in prostate cancer patients. Radiotherapy and Oncology, 2013, 106, 59-63.	0.6	42
116	Individualized image-based lymph node irradiation for prostate cancer. Nature Reviews Urology, 2013, 10, 376-385.	3.8	10
117	Microvascularity in transition zone prostate tumors resembles normal prostatic tissue. Prostate, 2013, 73, 467-475.	2.3	22
118	Surface-based prostate registration with biomechanical regularization. , 2013, , .		2
119	Prostate Cancer: Computer-aided Diagnosis with Multiparametric 3-T MR Imagingâ€”Effect on Observer Performance. Radiology, 2013, 266, 521-530.	7.3	103
120	MR Imagingâ€“guided Focal Cryoablation in Patients with Recurrent Prostate Cancer. Radiology, 2013, 268, 451-460.	7.3	59
121	Transition Zone Prostate Cancer: Detection and Localization with 3-T Multiparametric MR Imaging. Radiology, 2013, 266, 207-217.	7.3	222
122	Differentiation of Prostatitis and Prostate Cancer by Using Diffusion-weighted MR Imaging and MR-guided Biopsy at 3 T. Radiology, 2013, 267, 164-172.	7.3	105
123	Value of PCA3 to Predict Biopsy Outcome and Its Potential Role in Selecting Patients for Multiparametric MRI. International Journal of Molecular Sciences, 2013, 14, 11347-11355.	4.1	25
124	Diffusion-Weighted Magnetic Resonance Imaging in the Prostate Transition Zone. Investigative Radiology, 2013, 48, 693-701.	6.2	46
125	MRI/US-guided biopsyâ€”a viable alternative to TRUS-guidance. Nature Reviews Urology, 2013, 10, 559-560.	3.8	13
126	Discrepancies between guidelines and clinical practice regarding prostate-specific antigen testing. Family Practice, 2013, 30, 648-654.	1.9	15

#	Article	IF	Citations
127	Evaluation of Diffusion-Weighted MR Imaging at Inclusion in an Active Surveillance Protocol for Low-Risk Prostate Cancer. Investigative Radiology, 2013, 48, 152-157.	6.2	63
128	Molecular and Functional Imaging for Detection of Lymph Node Metastases in Prostate Cancer. International Journal of Molecular Sciences, 2013, 14, 13842-13857.	4.1	28
129	MRI-guided and robotic-assisted prostate biopsy. Current Opinion in Urology, 2012, 22, 316-319.	1.8	30
130	Prostate Cancer Aggressiveness: In Vivo Assessment of MR Spectroscopy and Diffusion-weighted Imaging at 3 T. Radiology, 2012, 265, 457-467.	7.3	127
131	Initial Experience With Identifying High-Grade Prostate Cancer Using Diffusion-Weighted MR Imaging (DWI) in Patients With a Gleason Score â‰3 + 3 = 6 Upon Schematic TRUS-Guided Biopsy. Investigative Radiology, 2012, 47, 153-158.	6.2	65
132	MRI-Guided Interventions for the Treatment of Prostate Cancer. American Journal of Roentgenology, 2012, 199, 714-720.	2.2	37
133	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. European Urology, 2012, 62, 902-909.	1.9	204
134	Magnetic Resonance Lymphographyâ€“Guided Selective High-Dose Lymph Node Irradiation in Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 82, 175-183.	0.8	19
135	High Occurrence of Aberrant Lymph Node Spread on Magnetic Resonance Lymphography in Prostate Cancer Patients With a Biochemical Recurrence After Radical Prostatectomy. International Journal of Radiation Oncology Biology Physics, 2012, 82, 1405-1410.	0.8	35
136	Value of PET/CT and MR Lymphography in Treatment of Prostate Cancer Patients With Lymph Node Metastases. International Journal of Radiation Oncology Biology Physics, 2012, 84, 712-718.	0.8	45
137	Magnetic Resonance Lymphography Findings in Patients With Biochemical Recurrence After Prostatectomy and the Relation With the Stephenson Nomogram. International Journal of Radiation Oncology Biology Physics, 2012, 84, 1186-1191.	0.8	8
138	Interpatient Variation in Normal Peripheral Zone Apparent Diffusion Coefficient: Effect on the Prediction of Prostate Cancer Aggressiveness. Radiology, 2012, 265, 260-266.	7.3	66
139	High-risk prostate cancer: value of multi-modality 3T MRI-guided biopsies after previous negative biopsies. Abdominal Radiology, 2012, 37, 892-896.	2.1	14
140	Computer aided analysis of breast MRI enhancement kinetics using mean shift c lustering and multifeature iterative region of interest selection. Journal of Magnetic Resonance Imaging, 2012, 36, 1104-1112.	3.4	5
141	Prostate MRI: diffusion-weighted imaging at 1.5T correlates better with prostatectomy Gleason grades than TRUS-guided biopsies in peripheral zone tumours. European Radiology, 2012, 22, 468-475.	4.5	104
142	MR-guided breast biopsy at 3T: diagnostic yield of large core needle biopsy compared with vacuum-assisted biopsy. European Radiology, 2012, 22, 341-349.	4.5	24
143	ESUR prostate MR guidelines 2012. European Radiology, 2012, 22, 746-757.	4.5	2,176
144	Novel approaches to improve prostate cancer diagnosis and management in earlyâ€stage disease. BJU International, 2012, 109, 1-7.	2.5	17

#	Article	IF	Citations
145	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. European Urology, 2012, 61, 177-184.	1.9	277
146	Role of transrectal ultrasonography (TRUS) in focal therapy of prostate cancer: report from a Consensus Panel. BJU International, 2012, 110, 942-948.	2.5	77
147	Predictive value of MRI in the localization, staging, volume estimation, assessment of aggressiveness, and guidance of radiotherapy and biopsies in prostate cancer. Journal of Magnetic Resonance Imaging, 2012, 35, 20-31.	3.4	49
148	Reproducibility of 3D ¹H MR spectroscopic imaging of the prostate at 1.5T. Journal of Magnetic Resonance Imaging, 2012, 35, 166-173.	3.4	15
149	Value of multimodality MRI and MR-guided biopsy at inclusion in an active surveillance protocol for prostate cancer.. Journal of Clinical Oncology, 2012, 30, 105-105.	1.6	0
150	Prostate Cancer: Multiparametric MR Imaging for Detection, Localization, and Staging. Radiology, 2011, 261, 46-66.	7.3	618
151	MRI-guided breast biopsy at 3T using a dedicated large core biopsy set: Feasibility and initial results. European Journal of Radiology, 2011, 79, 257-261.	2.6	23
152	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.	6.2	21
153	Discriminating Cancer From Noncancer Tissue in the Prostate by 3-Dimensional Proton Magnetic Resonance Spectroscopic Imaging. Investigative Radiology, 2011, 46, 25-33.	6.2	67
154	Prostate Cancer Detection and Dutasteride: Utility and Limitations of Prostate-Specific Antigen in Men with Previous Negative Biopsies. European Urology, 2011, 59, 183-190.	1.9	12
155	Magnetic Resonance Imaging for the Detection, Localisation, and Characterisation of Prostate Cancer: Recommendations from a European Consensus Meeting. European Urology, 2011, 59, 477-494.	1.9	642
156	Advances in Magnetic Resonance Imaging: How They Are Changing the Management of Prostate Cancer. European Urology, 2011, 59, 962-977.	1.9	225
157	In Vivo Assessment of Prostate Cancer Aggressiveness Using Magnetic Resonance Spectroscopic Imaging at 3 T with an Endorectal Coil. European Urology, 2011, 60, 1074-1080.	1.9	91
158	Re: Axel Heidenreich. Consensus Criteria for the Use of Magnetic Resonance Imaging in the Diagnosis and Staging of Prostate Cancer: Not Ready for Routine Use. Eur Urol 2011;59:495â€“7. European Urology, 2011, 60, e5-e6.	1.9	1
159	Ferumoxtran-10 MR Lymphography for Target Definition and Follow-up in a Patient Undergoing Image-Guided, Dose-Escalated Radiotherapy of Lymph Nodes upon PSA Relapse. Strahlentherapie Und Onkologie, 2011, 187, 206-212.	2.0	15
160	Quantitative analysis of lymph vessel characteristics in organ confined prostate cancer. Prostate, 2011, 71, 91-97.	2.3	3
161	Evaluation of axillary lymph nodes by diffusionâ€weighted MRI using ultrasmall superparamagnetic iron oxide in patients with breast cancer: Initial clinical experience. Journal of Magnetic Resonance Imaging, 2011, 34, 557-562.	3.4	32
162	Comparison of Nodal Risk Formula and MR Lymphography for Predicting Lymph Node Involvement in Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2011, 81, 8-15.	0.8	6

#	Article	IF	Citations
163	Relationship between Apparent Diffusion Coefficients at 3.0-T MR Imaging and Gleason Grade in Peripheral Zone Prostate Cancer. Radiology, 2011, 259, 453-461.	7.3	537
164	State-of-the-art uroradiologic imaging in the diagnosis of prostate cancer. Acta OncolÃ³gica, 2011, 50, 25-38.	1.8	36
165	Feasibility of a Pneumatically Actuated MR-compatible Robot for Transrectal Prostate Biopsy Guidance. Radiology, 2011, 260, 241-247.	7.3	80
166	Required Accuracy of MR-US Registration for Prostate Biopsies. Lecture Notes in Computer Science, 2011, , 92-99.	1.3	2
167	Automated classification of lymph nodes in USPIO-enhanced MR-images: a comparison of three segmentation methods. , 2010, , .		0
168	Automated segmentation of reference tissue for prostate cancer localization in dynamic contrast enhanced MRI. Proceedings of SPIE, 2010, , .	0.8	0
169	Feasibility of 3T Dynamic Contrast-Enhanced Magnetic Resonance-Guided Biopsy in Localizing Local Recurrence of Prostate Cancer After External Beam Radiation Therapy. Investigative Radiology, 2010, 45, 121-125.	6.2	56
170	Perineal descent and patientsâ€™ symptoms of anorectal dysfunction, pelvic organ prolapse, and urinary incontinence. International Urogynecology Journal, 2010, 21, 721-729.	1.4	21
171	Magnetic Resonance Imaging of Prostate Cancer. , 2010, , 125-141.		0
172	Magnetic Resonance Imaging Guided Prostate Biopsy in Men With Repeat Negative Biopsies and Increased Prostate Specific Antigen. Journal of Urology, 2010, 183, 520-528.	0.4	344
173	Computer Aided Detection of Prostate Cancer Using T2, DWI and DCE MRI: Methods and Clinical Applications. Lecture Notes in Computer Science, 2010, , 4-14.	1.3	1
174	Imaging modalities for prostate cancer. Expert Review of Anticancer Therapy, 2009, 9, 923-937.	2.4	31
175	Prostate Cancer: Detection of Lymph Node Metastases Outside the Routine Surgical Area with Ferumoxtran-10â€“enhanced MR Imaging. Radiology, 2009, 251, 408-414.	7.3	132
176	In Vivo Imaging of the Aneurysm Wall With MRI and a Macrophage-Specific Contrast Agent. American Journal of Roentgenology, 2009, 193, W437-W441.	2.2	26
177	Cost-effectiveness of MR Lymphography for the Detection of Lymph Node Metastases in Patients with Prostate Cancer. Radiology, 2009, 252, 729-736.	7.3	14
178	Dynamic magnetic resonance imaging: reliability of anatomical landmarks and reference lines used to assess pelvic organ prolapse. International Urogynecology Journal, 2009, 20, 141-148.	1.4	40
179	POP-Q, dynamic MR imaging, and perineal ultrasonography: do they agree in the quantification of female pelvic organ prolapse?. International Urogynecology Journal, 2009, 20, 541-549.	1.4	52
180	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.	1.4	72

#	Article	IF	Citations
181	Computerized whole slide quantification shows increased microvascular density in pT2 prostate cancer as compared to normal prostate tissue. Prostate, 2009, 69, 62-69.	2.3	25
182	Changes in Prostate Shape and Volume and Their Implications for Radiotherapy After Introduction of Endorectal Balloon as Determined by MRI at 3T. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1446-1453.	0.8	52
183	Symptoms of pelvic floor dysfunction are poorly correlated with findings on clinical examination and dynamic MR imaging of the pelvic floor. International Urogynecology Journal, 2009, 20, 1169-1174.	1.4	42
184	Editorial Comment on: Role of Dynamic Contrast-Enhanced Magnetic Resonance (MR) Imaging and Proton MR Spectroscopic Imaging in the Detection of Local Recurrence after Radical Prostatectomy for Prostate Cancer. European Urology, 2008, 54, 599-600.	1.9	2
185	MR-Guided Biopsy of the Prostate: An Overview of Techniques and a Systematic Review. European Urology, 2008, 54, 517-527.	1.9	148
186	Computerized analysis of prostate lesions in the peripheral zone using dynamic contrast enhanced MRI. Medical Physics, 2008, 35, 888-899.	3.0	81
187	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. Lancet Oncology, The, 2008, 9, 850-856.	10.7	285
188	The importance of the extent of pelvic-lymph-node dissection in the diagnosis of lymph-node metastases in prostate cancer â€“ Authors' reply. Lancet Oncology, The, 2008, 9, 917-918.	10.7	4
189	Diffusion and Perfusion MR Imaging of the Prostate. Magnetic Resonance Imaging Clinics of North America, 2008, 16, 685-695.	1.1	73
190	Combining T2-weighted with dynamic MR images for computerized classification of prostate lesions. , 2008, , .		7
191	Thirty-Two-Channel Coil 3T Magnetic Resonance-Guided Biopsies of Prostate Tumor Suspicious Regions Identified on Multimodality 3T Magnetic Resonance Imaging: Technique and Feasibility. Investigative Radiology, 2008, 43, 686-694.	6.2	104
192	Value of 3-T Magnetic Resonance Imaging in Local Staging of Prostate Cancer. Topics in Magnetic Resonance Imaging, 2008, 19, 285-289.	1.2	23
193	Magnetic Resonance-Guided Biopsy of the Prostate. Topics in Magnetic Resonance Imaging, 2008, 19, 291-295.	1.2	27
194	Local staging of Prostate Cancer Using Endoretal Coil Magnetic Resonance Imaging. , 2008, , 641-654.		0
195	Three-dimensional Proton MR Spectroscopy of Human Prostate at 3 T without Endorectal Coil: Feasibility. Radiology, 2007, 245, 507-516.	7.3	122
196	Prostate Cancer: Body-Array versus Endorectal Coil MR Imaging at 3 Tâ€”Comparison of Image Quality, Localization, and Staging Performance. Radiology, 2007, 244, 184-195.	7.3	295
197	Effect of calibration on computerized analysis of prostate lesions using quantitative dynamic contrast-enhanced magnetic resonance imaging. , 2007, , .		2
198	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.	6.2	70

#	Article	IF	Citations
199	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.	6.2	25
200	Use of ultrasmall superparamagnetic iron oxide in lymph node MR imaging in prostate cancer patients. European Journal of Radiology, 2007, 63, 369-372.	2.6	59
201	Automated analysis of contrast enhancement in breast MRI lesions using mean shift clustering for ROI selection. Journal of Magnetic Resonance Imaging, 2007, 26, 606-614.	3.4	29
202	Prostate cancer: comparison of local staging accuracy of pelvic phased-array coil alone versus integrated endorectalâ€“pelvic phased-array coils. European Radiology, 2007, 17, 1055-1065.	4.5	157
203	Prostate Cancer Localization with Dynamic Contrast-enhanced MR Imaging and Proton MR Spectroscopic Imaging. Radiology, 2006, 241, 449-458.	7.3	506
204	IMRT boost dose planning on dominant intraprostatic lesions: Gold marker-based three-dimensional fusion of CT with dynamic contrast-enhanced and 1H-spectroscopic MRI. International Journal of Radiation Oncology Biology Physics, 2006, 65, 291-303.	0.8	168
205	A comparison of the diagnostic performance of systematic versus ultrasound-guided biopsies of prostate cancer. European Radiology, 2006, 16, 927-938.	4.5	89
206	Prostate Cancer Evaluated with Ferumoxtran-10â€“enhanced T2*-weighted MR Imaging at 1.5 and 3.0 T: Early Experience. Radiology, 2006, 239, 481-487.	7.3	67
207	Prostate Cancer: Local Staging at 3-T Endorectal MR Imagingâ€”Early Experience. Radiology, 2006, 238, 184-191.	7.3	159
208	Commonly Used Imaging Techniques for Diagnosis and Staging. Journal of Clinical Oncology, 2006, 24, 3234-3244.	1.6	84
209	Magnetic Resonance-Guided Biopsies and Localizations of the Breast. Investigative Radiology, 2005, 40, 379-384.	6.2	37
210	Variability in the Description of Morphologic and Contrast Enhancement Characteristics of Breast Lesions onMagnetic Resonance Imaging. Investigative Radiology, 2005, 40, 355-362.	6.2	81
211	Optimal timing for in vivo1H-MR spectroscopic imaging of the human prostate at 3T. Magnetic Resonance in Medicine, 2005, 53, 1268-1274.	3.0	91
212	Staging Prostate Cancer with Dynamic Contrast-enhanced Endorectal MR Imaging prior to Radical Prostatectomy: Experienced versus Less Experienced Readers. Radiology, 2005, 237, 541-549.	7.3	223
213	Intravenous Ferumoxtran-10 MRI: a cellular MR contrast agent with high clinical potential for the detection of small metastases. European Journal of Cancer, Supplement, 2005, 3, 418-420.	2.2	0
214	Prostate Cancer: Precision of Integrating Functional MR Imaging with Radiation Therapy Treatment by Using Fiducial Gold Markers. Radiology, 2005, 236, 311-317.	7.3	58
215	Urinary Bladder Cancer: Preoperative Nodal Staging with Ferumoxtran-10â€“enhanced MR Imaging. Radiology, 2004, 233, 449-456.	7.3	216
216	Cost-analysis of staging methods for lymph nodes in patients with prostate cancer: MRI with a lymph node-specific contrast agent compared to pelvic lymph node dissection or CT. European Radiology, 2004, 14, 1707-12.	4.5	25

#	Article	IF	Citations
217	Combined quantitative dynamic contrast-enhanced MR imaging and1H MR spectroscopic imaging of human prostate cancer. Journal of Magnetic Resonance Imaging, 2004, 20, 279-287.	3.4	160
218	Fast acquisitionâ€weighted threeâ€dimensional proton MR spectroscopic imaging of the human prostate. Magnetic Resonance in Medicine, 2004, 52, 80-88.	3.0	108
219	Initial Experience of 3 Tesla Endorectal Coil Magnetic Resonance Imaging and 1H-Spectroscopic Imaging of the Prostate. Investigative Radiology, 2004, 39, 671-680.	6.2	148
220	Noninvasive Detection of Clinically Occult Lymph-Node Metastases in Prostate Cancer. New England Journal of Medicine, 2003, 348, 2491-2499.	27.0	2,168
221	Discrimination of Prostate Cancer from Normal Peripheral Zone and Central Gland Tissue by Using Dynamic Contrast-enhanced MR Imaging. Radiology, 2003, 229, 248-254.	7.3	375
222	MR Lymphangiography for Detection of Minimal Nodal Disease in Patients with Prostate Cancer. Academic Radiology, 2002, 9, S312-S313.	2.5	30
223	Local staging of prostate cancer using magnetic resonance imaging: a meta-analysis. European Radiology, 2002, 12, 2294-2302.	4.5	303
224	Accurate estimation of pharmacokinetic contrast-enhanced dynamic MRI parameters of the prostate. Journal of Magnetic Resonance Imaging, 2001, 13, 607-614.	3.4	106
225	Prostate Cancer Staging: Should MR Imaging Be Used?â€”A Decision Analytic Approach. Radiology, 2000, 215, 445-451.	7.3	117
226	Fast dynamic gadolinium-enhanced MR imaging of urinary bladder and prostate cancer. Journal of Magnetic Resonance Imaging, 1999, 10, 295-304.	3.4	133
227	Proton MR spectroscopy of the normal human prostate with an endorectal coil and a double spin-echo pulse sequence. Magnetic Resonance in Medicine, 1997, 37, 204-213.	3.0	87
228	Vascular changes following hip arthroplasty: The femur in goats studied with and without cementation. Acta Orthopaedica, 1988, 59, 643-649.	1.4	17