

Jelle O Barentsz

List of Publications by Year in descending order

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228
papers

25,998
citations

10956

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228
all docs

228
docs citations

228
times ranked

12996
citing authors

#	ARTICLE	IF	CITATIONS
1	PI-RADS Prostate Imaging Reporting and Data System: 2015, Version 2. <i>European Urology</i> , 2016, 69, 16-40.	0.9	2,290
2	ESUR prostate MR guidelines 2012. <i>European Radiology</i> , 2012, 22, 746-757.	2.3	2,176
3	Noninvasive Detection of Clinically Occult Lymph-Node Metastases in Prostate Cancer. <i>New England Journal of Medicine</i> , 2003, 348, 2491-2499.	13.9	2,168
4	Prostate Imaging Reporting and Data System Version 2.1: 2019 Update of Prostate Imaging Reporting and Data System Version 2. <i>European Urology</i> , 2019, 76, 340-351.	0.9	1,270
5	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
6	Prostate Cancer: Multiparametric MR Imaging for Detection, Localization, and Staging. <i>Radiology</i> , 2011, 261, 46-66.	3.6	618
7	Relationship between Apparent Diffusion Coefficients at 3.0-T MR Imaging and Gleason Grade in Peripheral Zone Prostate Cancer. <i>Radiology</i> , 2011, 259, 453-461.	3.6	537
8	Head-to-head Comparison of Transrectal Ultrasound-guided Prostate Biopsy Versus Multiparametric Prostate Resonance Imaging with Subsequent Magnetic Resonance-guided Biopsy in Biopsy-naïve Men with Elevated Prostate-specific Antigen: A Large Prospective Multicenter Clinical Study. <i>European Urology</i> , 2019, 75, 570-578.	0.9	521
9	Prostate Cancer Localization with Dynamic Contrast-enhanced MR Imaging and Proton MR Spectroscopic Imaging. <i>Radiology</i> , 2006, 241, 449-458.	3.6	506
10	Accuracy of Magnetic Resonance Imaging for Local Staging of Prostate Cancer: A Diagnostic Meta-analysis. <i>European Urology</i> , 2016, 70, 233-245.	0.9	466
11	Synopsis of the PI-RADS v2 Guidelines for Multiparametric Prostate Magnetic Resonance Imaging and Recommendations for Use. <i>European Urology</i> , 2016, 69, 41-49.	0.9	454
12	Prospective Study of Diagnostic Accuracy Comparing Prostate Cancer Detection by Transrectal Ultrasound-guided Biopsy Versus Magnetic Resonance (MR) Imaging with Subsequent MR-guided Biopsy in Men Without Previous Prostate Biopsies. <i>European Urology</i> , 2014, 66, 22-29.	0.9	445
13	Accuracy of Multiparametric MRI for Prostate Cancer Detection: A Meta-Analysis. <i>American Journal of Roentgenology</i> , 2014, 202, 343-351.	1.0	402
14	Discrimination of Prostate Cancer from Normal Peripheral Zone and Central Gland Tissue by Using Dynamic Contrast-enhanced MR Imaging. <i>Radiology</i> , 2003, 229, 248-254.	3.6	375
15	Multiparametric Magnetic Resonance Imaging for Bladder Cancer: Development of VI-RADS (Vesical) Tj ETQq1 1 0.784314 rgBT / Overbo 0.9 372	0.9	372
16	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
17	Computer-Aided Detection of Prostate Cancer in MRI. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1083-1092.	5.4	338
18	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?. <i>European Urology</i> , 2017, 71, 517-531.	0.9	326

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19	Local staging of prostate cancer using magnetic resonance imaging: a meta-analysis. <i>European Radiology</i> , 2002, 12, 2294-2302.	2.3	303
20	Prostate Cancer: Body-Array versus Endorectal Coil MR Imaging at 3 T—Comparison of Image Quality, Localization, and Staging Performance. <i>Radiology</i> , 2007, 244, 184-195.	3.6	295
21	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
22	Prospective Assessment of Prostate Cancer Aggressiveness Using 3-T Diffusion-Weighted Magnetic Resonance Imaging—Guided Biopsies Versus a Systematic 10-Core Transrectal Ultrasound Prostate Biopsy Cohort. <i>European Urology</i> , 2012, 61, 177-184.	0.9	277
23	Use of the Prostate Imaging Reporting and Data System (PI-RADS) for Prostate Cancer Detection with Multiparametric Magnetic Resonance Imaging: A Diagnostic Meta-analysis. <i>European Urology</i> , 2015, 67, 1112-1121.	0.9	270
24	Advances in Magnetic Resonance Imaging: How They Are Changing the Management of Prostate Cancer. <i>European Urology</i> , 2011, 59, 962-977.	0.9	225
25	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
26	Transition Zone Prostate Cancer: Detection and Localization with 3-T Multiparametric MR Imaging. <i>Radiology</i> , 2013, 266, 207-217.	3.6	222
27	Urinary Bladder Cancer: Preoperative Nodal Staging with Ferumoxtran-10—enhanced MR Imaging. <i>Radiology</i> , 2004, 233, 449-456.	3.6	216
28	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
29	Three-Tesla Magnetic Resonance—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
30	Prostate Imaging-Reporting and Data System Steering Committee: PI-RADS v2 Status Update and Future Directions. <i>European Urology</i> , 2019, 75, 385-396.	0.9	200
31	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. <i>European Urology</i> , 2019, 75, 582-590.	0.9	188
32	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologists'™ training. <i>European Radiology</i> , 2020, 30, 5404-5416.	2.3	185
33	Cost-effectiveness of Magnetic Resonance (MR) Imaging and MR-guided Targeted Biopsy Versus Systematic Transrectal Ultrasound—Guided Biopsy in Diagnosing Prostate Cancer: A Modelling Study from a Health Care Perspective. <i>European Urology</i> , 2014, 66, 430-436.	0.9	171
34	IMRT boost dose planning on dominant intraprostatic lesions: Gold marker-based three-dimensional fusion of CT with dynamic contrast-enhanced and 1H-spectroscopic MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 291-303.	0.4	168
35	PI-RADS Steering Committee: The PI-RADS Multiparametric MRI and MRI-directed Biopsy Pathway. <i>Radiology</i> , 2019, 292, 464-474.	3.6	162
36	Combined quantitative dynamic contrast-enhanced MR imaging and 1H MR spectroscopic imaging of human prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 279-287.	1.9	160

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37	Prostate Cancer: Local Staging at 3-T Endorectal MR Imaging—Early Experience. <i>Radiology</i> , 2006, 238, 184-191.	3.6	159
38	Prostate cancer: comparison of local staging accuracy of pelvic phased-array coil alone versus integrated endorectal—pelvic phased-array coils. <i>European Radiology</i> , 2007, 17, 1055-1065.	2.3	157
39	Assessment of Prostate Cancer Aggressiveness Using Dynamic Contrast-enhanced Magnetic Resonance Imaging at 3 T. <i>European Urology</i> , 2013, 64, 448-455.	0.9	152
40	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
41	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
42	Fast dynamic gadolinium-enhanced MR imaging of urinary bladder and prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 295-304.	1.9	133
43	Prostate Cancer: Detection of Lymph Node Metastases Outside the Routine Surgical Area with Ferumoxtran-10—enhanced MR Imaging. <i>Radiology</i> , 2009, 251, 408-414.	3.6	132
44	Prostate Cancer Aggressiveness: In Vivo Assessment of MR Spectroscopy and Diffusion-weighted Imaging at 3 T. <i>Radiology</i> , 2012, 265, 457-467.	3.6	127
45	Three-dimensional Proton MR Spectroscopy of Human Prostate at 3 T without Endorectal Coil: Feasibility. <i>Radiology</i> , 2007, 245, 507-516.	3.6	122
46	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?. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 48-58.	1.9	119
47	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
48	Prostate Cancer Staging: Should MR Imaging Be Used?—A Decision Analytic Approach. <i>Radiology</i> , 2000, 215, 445-451.	3.6	117
49	High Diagnostic Performance of Short Magnetic Resonance Imaging Protocols for Prostate Cancer Detection in Biopsy-naïve Men: The Next Step in Magnetic Resonance Imaging Accessibility. <i>European Urology</i> , 2019, 76, 574-581.	0.9	114
50	Fast acquisition-weighted three-dimensional proton MR spectroscopic imaging of the human prostate. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 80-88.	1.9	108
51	Accurate estimation of pharmacokinetic contrast-enhanced dynamic MRI parameters of the prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 607-614.	1.9	106
52	Differentiation of Prostatitis and Prostate Cancer by Using Diffusion-weighted MR Imaging and MR-guided Biopsy at 3 T. <i>Radiology</i> , 2013, 267, 164-172.	3.6	105
53	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
54	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

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55	Prostate MRI: diffusion-weighted imaging at 1.5T correlates better with prostatectomy Gleason grades than TRUS-guided biopsies in peripheral zone tumours. <i>European Radiology</i> , 2012, 22, 468-475.	2.3	104
56	Prostate Cancer: Computer-aided Diagnosis with Multiparametric 3-T MR Imaging—Effect on Observer Performance. <i>Radiology</i> , 2013, 266, 521-530.	3.6	103
57	A multiparametric magnetic resonance imaging-based risk model to determine the risk of significant prostate cancer prior to biopsy. <i>BJU International</i> , 2017, 120, 774-781.	1.3	98
58	Optimal timing for in vivo 1H-MR spectroscopic imaging of the human prostate at 3T. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1268-1274.	1.9	91
59	In Vivo Assessment of Prostate Cancer Aggressiveness Using Magnetic Resonance Spectroscopic Imaging at 3 T with an Endorectal Coil. <i>European Urology</i> , 2011, 60, 1074-1080.	0.9	91
60	A comparison of the diagnostic performance of systematic versus ultrasound-guided biopsies of prostate cancer. <i>European Radiology</i> , 2006, 16, 927-938.	2.3	89
61	PI-RADS Version 2: A Pictorial Update. <i>Radiographics</i> , 2016, 36, 1354-1372.	1.4	88
62	Proton MR spectroscopy of the normal human prostate with an endorectal coil and a double spin-echo pulse sequence. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 204-213.	1.9	87
63	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
64	Commonly Used Imaging Techniques for Diagnosis and Staging. <i>Journal of Clinical Oncology</i> , 2006, 24, 3234-3244.	0.8	84
65	Value of 3-T Multiparametric Magnetic Resonance Imaging and Magnetic Resonance-Guided Biopsy for Early Risk Restratification in Active Surveillance of Low-Risk Prostate Cancer. <i>Investigative Radiology</i> , 2014, 49, 165-172.	3.5	83
66	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
67	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
68	Feasibility of a Pneumatically Actuated MR-compatible Robot for Transrectal Prostate Biopsy Guidance. <i>Radiology</i> , 2011, 260, 241-247.	3.6	80
69	Role of transrectal ultrasonography (TRUS) in focal therapy of prostate cancer: report from a Consensus Panel. <i>BJU International</i> , 2012, 110, 942-948.	1.3	77
70	PI-RADS Committee Position on MRI Without Contrast Medium in Biopsy-Naive Men With Suspected Prostate Cancer: Narrative Review. <i>American Journal of Roentgenology</i> , 2021, 216, 3-19.	1.0	76
71	Factors Influencing Variability in the Performance of Multiparametric Magnetic Resonance Imaging in Detecting Clinically Significant Prostate Cancer: A Systematic Literature Review. <i>European Urology Oncology</i> , 2020, 3, 145-167.	2.6	75
72	Diffusion and Perfusion MR Imaging of the Prostate. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2008, 16, 685-695.	0.6	73

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73	A systematic review of clinical studies on dynamic magnetic resonance imaging of pelvic organ prolapse: the use of reference lines and anatomical landmarks. <i>International Urogynecology Journal</i> , 2009, 20, 721-729.	0.7	72
74	Blood-derived dendritic cell vaccinations induce immune responses that correlate with clinical outcome in patients with chemo-naïve castration-resistant prostate cancer. , 2019, 7, 302.		72
75	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. <i>European Urology Oncology</i> , 2021, 4, 868-876.	2.6	72
76	Standardized Threshold Approach Using Three-Dimensional Proton Magnetic Resonance Spectroscopic Imaging in Prostate Cancer Localization of the Entire Prostate. <i>Investigative Radiology</i> , 2007, 42, 116-122.	3.5	70
77	Ultra-small superparamagnetic iron oxides for metastatic lymph node detection: back on the block. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2018, 10, e1471.	3.3	70
78	Prostate Cancer Evaluated with Ferumoxtran-10-enhanced T2*-weighted MR Imaging at 1.5 and 3.0 T: Early Experience. <i>Radiology</i> , 2006, 239, 481-487.	3.6	67
79	Discriminating Cancer From Noncancer Tissue in the Prostate by 3-Dimensional Proton Magnetic Resonance Spectroscopic Imaging. <i>Investigative Radiology</i> , 2011, 46, 25-33.	3.5	67
80	Interpatient Variation in Normal Peripheral Zone Apparent Diffusion Coefficient: Effect on the Prediction of Prostate Cancer Aggressiveness. <i>Radiology</i> , 2012, 265, 260-266.	3.6	66
81	Time to enhancement derived from ultrafast breast MRI as a novel parameter to discriminate benign from malignant breast lesions. <i>European Journal of Radiology</i> , 2017, 89, 90-96.	1.2	66
82	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. <i>Investigative Radiology</i> , 2012, 47, 153-158.	3.5	65
83	Evaluation of Diffusion-Weighted MR Imaging at Inclusion in an Active Surveillance Protocol for Low-Risk Prostate Cancer. <i>Investigative Radiology</i> , 2013, 48, 152-157.	3.5	63
84	Multiparametric Magnetic Resonance Imaging for Discriminating Low-Grade From High-Grade Prostate Cancer. <i>Investigative Radiology</i> , 2015, 50, 490-497.	3.5	63
85	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 1: Acquisition. <i>European Urology</i> , 2020, 77, 457-468.	0.9	62
86	A urinary biomarker-based risk score correlates with multiparametric MRI for prostate cancer detection. <i>Prostate</i> , 2017, 77, 1401-1407.	1.2	61
87	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
88	MR Imaging-guided Focal Cryoablation in Patients with Recurrent Prostate Cancer. <i>Radiology</i> , 2013, 268, 451-460.	3.6	59
89	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 2: Interpretation. <i>European Urology</i> , 2020, 77, 469-480.	0.9	59
90	Prostate Cancer: Precision of Integrating Functional MR Imaging with Radiation Therapy Treatment by Using Fiducial Gold Markers. <i>Radiology</i> , 2005, 236, 311-317.	3.6	58

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91	Measuring health-related quality of life in men with prostate cancer: A systematic review of the most used questionnaires and their validity. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 69.e19-69.e28.	0.8	58
92	Clinical evaluation of a computer-aided diagnosis system for determining cancer aggressiveness in prostate MRI. <i>European Radiology</i> , 2015, 25, 3187-3199.	2.3	57
93	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
94	Early Detection of Prostate Cancer in 2020 and Beyond: Facts and Recommendations for the European Union and the European Commission. <i>European Urology</i> , 2021, 79, 327-329.	0.9	54
95	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. <i>Radiology</i> , 2015, 276, 479-489.	3.6	53
96	Analysis of Magnetic Resonance Imaging-directed Biopsy Strategies for Changing the Paradigm of Prostate Cancer Diagnosis. <i>European Urology Oncology</i> , 2020, 3, 32-41.	2.6	53
97	Lutetium-177-PSMA-617 in Low-Volume Hormone-Sensitive Metastatic Prostate Cancer: A Prospective Pilot Study. <i>Clinical Cancer Research</i> , 2021, 27, 3595-3601.	3.2	53
98	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
99	Changes in Prostate Shape and Volume and Their Implications for Radiotherapy After Introduction of Endorectal Balloon as Determined by MRI at 3T. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1446-1453.	0.4	52
100	Prostate MRI: Access to and Current Practice of Prostate MRI in the United States. <i>Journal of the American College of Radiology</i> , 2014, 11, 156-160.	0.9	52
101	A European Model for an Organised Risk-stratified Early Detection Programme for Prostate Cancer. <i>European Urology Oncology</i> , 2021, 4, 731-739.	2.6	51
102	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
103	Diffusion-Weighted Magnetic Resonance Imaging in the Prostate Transition Zone. <i>Investigative Radiology</i> , 2013, 48, 693-701.	3.5	46
104	Complications and Adverse Events of Three Magnetic Resonance Imaging-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. <i>European Urology Oncology</i> , 2019, 2, 617-624.	2.6	46
105	Value of PET/CT and MR Lymphography in Treatment of Prostate Cancer Patients With Lymph Node Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 712-718.	0.4	45
106	Computer-extracted Features Can Distinguish Noncancerous Confounding Disease from Prostatic Adenocarcinoma at Multiparametric MR Imaging. <i>Radiology</i> , 2016, 278, 135-145.	3.6	43
107	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
108	Geographical distribution of lymph node metastases on MR lymphography in prostate cancer patients. <i>Radiotherapy and Oncology</i> , 2013, 106, 59-63.	0.3	42

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109	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
110	Simulated required accuracy of image registration tools for targeting high-grade cancer components with prostate biopsies. <i>European Radiology</i> , 2013, 23, 1401-1407.	2.3	41
111	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
112	Clinical use of the SelectMDx urinary-biomarker test with or without mpMRI in prostate cancer diagnosis: a prospective, multicenter study in biopsy-naïve men. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 1110-1119.	2.0	40
113	Lymphotropic Nanoparticle-enhanced MRI in Prostate Cancer: Value and Therapeutic Potential. <i>Current Urology Reports</i> , 2014, 15, 389.	1.0	38
114	Correlation between dynamic contrast-enhanced MRI and quantitative histopathologic microvascular parameters in organ-confined prostate cancer. <i>European Radiology</i> , 2014, 24, 2597-2605.	2.3	38
115	Magnetic Resonance-Guided Biopsies and Localizations of the Breast. <i>Investigative Radiology</i> , 2005, 40, 379-384.	3.5	37
116	MRI-Guided Interventions for the Treatment of Prostate Cancer. <i>American Journal of Roentgenology</i> , 2012, 199, 714-720.	1.0	37
117	Evaluating F-18-PSMA-1007-PET in primary prostate cancer and comparing it to multi-parametric MRI and histopathology. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 423-430.	2.0	37
118	State-of-the-art uroradiologic imaging in the diagnosis of prostate cancer. <i>Acta Oncologica</i> , 2011, 50, 25-38.	0.8	36
119	Multiparametric Magnetic Resonance Imaging for the Detection of Clinically Significant Prostate Cancer: What Urologists Need to Know. Part 3: Targeted Biopsy. <i>European Urology</i> , 2020, 77, 481-490.	0.9	36
120	High Occurrence of Aberrant Lymph Node Spread on Magnetic Resonance Lymphography in Prostate Cancer Patients With a Biochemical Recurrence After Radical Prostatectomy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1405-1410.	0.4	35
121	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?. <i>European Urology Oncology</i> , 2020, 3, 216-223.	2.6	35
122	ESUR/ESUI position paper: developing artificial intelligence for precision diagnosis of prostate cancer using magnetic resonance imaging. <i>European Radiology</i> , 2021, 31, 9567-9578.	2.3	34
123	Evaluation of axillary lymph nodes by diffusion-weighted MRI using ultrasmall superparamagnetic iron oxide in patients with breast cancer: Initial clinical experience. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 557-562.	1.9	32
124	Clinical applications of multiparametric MRI within the prostate cancer diagnostic pathway. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 281-284.	0.8	32
125	Image quality and cancer visibility of T2-weighted Magnetic Resonance Imaging of the prostate at 7 Tesla. <i>European Radiology</i> , 2014, 24, 1950-1958.	2.3	32
126	Lutetium-177-PSMA-I&T as metastases directed therapy in oligometastatic hormone sensitive prostate cancer, a randomized controlled trial. <i>BMC Cancer</i> , 2020, 20, 884.	1.1	32

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127	Imaging modalities for prostate cancer. Expert Review of Anticancer Therapy, 2009, 9, 923-937.	1.1	31
128	Multiparametric magnetic resonance imaging and follow-up to avoid prostate biopsy in 4259 men. BJU International, 2019, 124, 775-784.	1.3	31
129	MR Lymphangiography for Detection of Minimal Nodal Disease in Patients with Prostate Cancer. Academic Radiology, 2002, 9, S312-S313.	1.3	30
130	MRI-guided and robotic-assisted prostate biopsy. Current Opinion in Urology, 2012, 22, 316-319.	0.9	30
131	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.	1.9	29
132	Standardization of Multiparametric Prostate MR Imaging Using PI-RADS. BioMed Research International, 2014, 2014, 1-9.	0.9	29
133	Molecular and Functional Imaging for Detection of Lymph Node Metastases in Prostate Cancer. International Journal of Molecular Sciences, 2013, 14, 13842-13857.	1.8	28
134	Magnetic Resonance-Guided Biopsy of the Prostate. Topics in Magnetic Resonance Imaging, 2008, 19, 291-295.	0.7	27
135	Ferumoxtran-10 Ultrasmall Superparamagnetic Iron Oxide-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.	0.9	27
136	Focus on the Quality of Prostate Multiparametric Magnetic Resonance Imaging: Synopsis of the ESUR/ESUI Recommendations on Quality Assessment and Interpretation of Images and Radiologists' Training. European Urology, 2020, 78, 483-485.	0.9	27
137	In Vivo Imaging of the Aneurysm Wall With MRI and a Macrophage-Specific Contrast Agent. American Journal of Roentgenology, 2009, 193, W437-W441.	1.0	26
138	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 Ultrasound-Guided Biopsy. American Journal of Roentgenology, 2015, 205, 57-63.	1.0	26
139	Head-to-Head Comparison of ⁶⁸ Ga-Prostate-Specific Membrane Antigen PET/CT and Ferumoxtran-10-Enhanced MRI for the Diagnosis of Lymph Node Metastases in Prostate Cancer Patients. Journal of Nuclear Medicine, 2021, 62, 1258-1263.	2.8	26
140	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.	2.3	25
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