Baris Turkbey

List of Publications by Year in Descending Order

256 papers	13,289 citations	59 h-index	109 g-index
275 ext. papers	16,167 ext. citations	6.9 avg, IF	6.42 L-index

#	Paper	IF	Citations
256	Deep learning-based artificial intelligence for prostate cancer detection at biparametric MRI.. *Abdominal Radiology*, **2022**, 47, 1425	3	0
255	Development and testing quantitative metrics from multi-parametric magnetic resonance imaging that predict Gleason score for prostate tumors.. *Quantitative Imaging in Medicine and Surgery*, **2022**, 12, 1859-1870	3.6	0
254	Clinical Application of Artificial Intelligence in Positron Emission Tomography: Imaging of Prostate Cancer. *PET Clinics*, **2022**, 17, 137-143	2.2	1
253	Prostate tumor eccentricity predicts Gleason score better than prostate tumor volume.. *Quantitative Imaging in Medicine and Surgery*, **2022**, 12, 1096-1108	3.6	0
252	Why Does Magnetic Resonance Imaging-Targeted Biopsy Miss Clinically Significant Cancer?. *Journal of Urology*, **2022**, 207, 95-107	2.5	4
251	PROSTATE-SPECIFIC Membrane Antigen Is a Biomarker for Residual Disease Following Neoadjuvant Intense Androgen Deprivation Therapy in Prostate Cancer.. *Journal of Urology*, **2022**, 101097JU0000000000002492	2.5	1
250	Artificial Intelligence-based Tumor Segmentation in Mouse Models of Lung Adenocarcinoma.. *Journal of Pathology Informatics*, **2022**, 13, 100007	4.4	1
249	Diagnostic Accuracy and Observer Agreement of the MRI Prostate Imaging for Recurrence Reporting Assessment Score.. *Radiology*, **2022**, 212252	20.5	2
248	Focal Laser Ablation for Prostate Cancer **2021**, 215-226		
247	Successful SBRT for post-brachytherapy prostate recurrence and penile bulb metastasis. *Advances in Radiation Oncology*, **2021**, 100860	3.3	
246	Deep learning-based artificial intelligence applications in prostate MRI: brief summary. *British Journal of Radiology*, **2021**, 20210563	3.4	3
245	Role of MRI in Prostate Cancer Assessment **2021**, 81-94		
244	Using Prostate Imaging-Reporting and Data System (PI-RADS) Scores to Select an Optimal Prostate Biopsy Method: A Secondary Analysis of the Trio Study. *European Urology Oncology*, **2021**,	6.7	9
243	Practice Patterns and Challenges of Performing and Interpreting Prostate MRI: A Survey by the Society of Abdominal Radiology Prostate Disease-Focused Panel. *American Journal of Roentgenology*, **2021**, 216, 952-959	5.4	0
242	ESUR/ESUI position paper: developing artificial intelligence for precision diagnosis of prostate cancer using magnetic resonance imaging. *European Radiology*, **2021**, 31, 9567-9578	8	8
241	Federated semi-supervised learning for COVID region segmentation in chest CT using multi-national data from China, Italy, Japan. *Medical Image Analysis*, **2021**, 70, 101992	15.4	45
240	Prognostic Features of Biochemical Recurrence of Prostate Cancer Following Radical Prostatectomy Based on Multiparametric MRI and Immunohistochemistry Analysis of MRI-guided Biopsy Specimens. *Radiology*, **2021**, 299, 613-623	20.5	3

239	Rapid Artificial Intelligence Solutions in a Pandemic - The COVID-19-20 Lung CT Lesion Segmentation Challenge **2021**,		8
238	Clinical value of FDG PET/MRI in muscle-invasive, locally advanced, and metastatic bladder cancer. *Urologic Oncology: Seminars and Original Investigations*, **2021**, 39, 787.e17-787.e21	2.8	6
237	AI-Assisted CT as a Clinical and Research Tool for COVID-19. *Frontiers in Artificial Intelligence*, **2021**, 4, 590189	3	
236	Quality of Prostate MRI: Is the PI-RADS Standard Sufficient?. *Academic Radiology*, **2021**, 28, 199-207	4.3	13
235	Quantitative Prostate MRI. *Journal of Magnetic Resonance Imaging*, **2021**, 53, 1632-1645	5.6	14
234	Role of multiparametric prostate MRI in the management of prostate cancer. *World Journal of Urology*, **2021**, 39, 651-659	4	8
233	Sequential Prostate Magnetic Resonance Imaging in Newly Diagnosed High-risk Prostate Cancer Treated with Neoadjuvant Enzalutamide is Predictive of Therapeutic Response. *Clinical Cancer Research*, **2021**, 27, 429-437	12.9	5
232	Quantitative Characterization of the Prostatic Urethra Using MRI: Implications for Lower Urinary Tract Symptoms in Patients with Benign Prostatic Hyperplasia. *Academic Radiology*, **2021**, 28, 664-670	4.3	0
231	CT and clinical assessment in asymptomatic and pre-symptomatic patients with early SARS-CoV-2 in outbreak settings. *European Radiology*, **2021**, 31, 3165-3176	8	7
230	Changes in Magnetic Resonance Imaging Using the Prostate Cancer Radiologic Estimation of Change in Sequential Evaluation Criteria to Detect Prostate Cancer Progression for Men on Active Surveillance. *European Urology Oncology*, **2021**, 4, 227-234	6.7	4
229	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	5.4	19
228	Determination of disease severity in COVID-19 patients using deep learning in chest X-ray images. *Diagnostic and Interventional Radiology*, **2021**, 27, 20-27	3.2	24
227	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. *IEEE Access*, **2021**, 9, 87531-87542	3.5	3
226	Algorithms applied to spatially registered multi-parametric MRI for prostate tumor volume measurement. *Quantitative Imaging in Medicine and Surgery*, **2021**, 11, 119-132	3.6	3
225	Federated Learning used for predicting outcomes in SARS-COV-2 patients **2021**,		6
224	Pattern of failure in prostate cancer previously treated with radical prostatectomy and post-operative radiotherapy: a secondary analysis of two prospective studies using novel molecular imaging techniques. *Radiation Oncology*, **2021**, 16, 32	4.2	5
223	PI-RADSv2.1: Current status. *Turkish Journal of Urology*, **2021**, 47, S45-S48	1.3	2
222	Editorial Comment: MRI for Benign Prostatic Hyperplasia-An Underutilized Imaging Opportunity. *American Journal of Roentgenology*, **2021**, 13	5.4	0

221	The Importance of Quality in Prostate MRI. *Seminars in Roentgenology*, **2021**, 56, 384-390	0.8	0
220	Artificial Intelligence in Prostate Imaging. *Advances in Clinical Radiology*, **2021**, 3, 15-22	0.3	
219	A Cascaded Deep Learning-Based Artificial Intelligence Algorithm for Automated Lesion Detection and Classification on Biparametric Prostate Magnetic Resonance Imaging. *Academic Radiology*, **2021**,	4.3	7
218	Federated learning for predicting clinical outcomes in patients with COVID-19. *Nature Medicine*, **2021**, 27, 1735-1743	50.5	41
217	Correlation of prostate tumor eccentricity and Gleason scoring from prostatectomy and multi-parametric-magnetic resonance imaging. *Quantitative Imaging in Medicine and Surgery*, **2021**, 11, 4235-4244	3.6	2
216	Risk of adverse pathology at prostatectomy in the era of MRI and targeted biopsies; rethinking active surveillance for intermediate risk prostate cancer patients. *Urologic Oncology: Seminars and Original Investigations*, **2021**, 39, 729.e1-729.e6	2.8	1
215	The need for standardization of reporting in prostate MRI. *Nature Reviews Urology*, **2021**, 18, 195-196	5.5	1
214	Information Bottleneck Attribution for Visual Explanations of Diagnosis and Prognosis. *Lecture Notes in Computer Science*, **2021**, 396-405	0.9	0
213	Update: PI-RADS Version 2.1-A Pictorial Update. *Radiographics*, **2020**, 40, E33-E37	5.4	4
212	Improving detection of prostate cancer foci via information fusion of MRI and temporal enhanced ultrasound. *International Journal of Computer Assisted Radiology and Surgery*, **2020**, 15, 1215-1223	3.9	12
211	Deep-Learning-Based Artificial Intelligence for PI-RADS Classification to Assist Multiparametric Prostate MRI Interpretation: A Development Study. *Journal of Magnetic Resonance Imaging*, **2020**, 52, 1499-1507	5.6	24
210	Advances in Prostate Magnetic Resonance Imaging. *Magnetic Resonance Imaging Clinics of North America*, **2020**, 28, 407-414	1.6	0
209	Standardized Nomenclature and Surveillance Methodologies After Focal Therapy and Partial Gland Ablation for Localized Prostate Cancer: An International Multidisciplinary Consensus. *European Urology*, **2020**, 78, 371-378	10.2	28
208	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	6.7	37
207	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. *New England Journal of Medicine*, **2020**, 382, 917-928	59.2	235
206	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of F-DCFPyL PET/CT with Comparison to Multiparametric MRI. *Radiology*, **2020**, 296, 564-572	20.5	9
205	A case report of multiple primary prostate tumors with differential drug sensitivity. *Nature Communications*, **2020**, 11, 837	17.4	10
204	Positron emission tomography (PET) radiotracers for prostate cancer imaging. *Abdominal Radiology* , **2020**, 45, 2165-2175	3	13

203	Can fast bi-parametric MRI help prostate cancer detection in biopsy naive men?. *Chinese Clinical Oncology*, **2020**, 9, 40	2.3	1
202	What You Need to Know Before Reading Multiparametric MRI for Prostate Cancer. *American Journal of Roentgenology*, **2020**, 214, 1211-1219	5.4	1
201	Impact of bowel preparation with FleetSEnema on prostate MRI quality. *Abdominal Radiology*, **2020**, 45, 4252-4259	3	15
200	Use of multiparametric magnetic resonance imaging (mpMRI) in localized prostate cancer. *Expert Review of Medical Devices*, **2020**, 17, 435-442	3.5	6
199	Rapid perceptual processing in two- and three-dimensional prostate images. *Journal of Medical Imaging*, **2020**, 7, 022406	2.6	5
198	Post-processing of Prostate MRI **2020**, 121-127		
197	Tracked Foley catheter for motion compensation during fusion image-guided prostate procedures: a phantom study. *European Radiology Experimental*, **2020**, 4, 24	4.5	
196	Artificial intelligence assisted bone lesion detection and classification in computed tomography scans of prostate cancer patients.. *Journal of Clinical Oncology*, **2020**, 38, e17567-e17567	2.2	1
195	Molecular Imaging of Prostate Cancer **2020**, 171-190		
194	PI-RADS Category as a Predictor of Progression to Unfavorable Risk Prostate Cancer in Men on Active Surveillance. *Journal of Urology*, **2020**, 204, 1229-1235	2.5	2
193	Update of the Standard Operating Procedure on the Use of Multiparametric Magnetic Resonance Imaging for the Diagnosis, Staging and Management of Prostate Cancer. *Journal of Urology*, **2020**, 203, 706-712	2.5	72
192	Data Augmentation and Transfer Learning to Improve Generalizability of an Automated Prostate Segmentation Model. *American Journal of Roentgenology*, **2020**, 215, 1403-1410	5.4	15
191	Prospective Evaluation of F-DCFPyL PET/CT in Detection of High-Risk Localized Prostate Cancer: Comparison With mpMRI. *American Journal of Roentgenology*, **2020**, 215, 652-659	5.4	7
190	Multicenter Multireader Evaluation of an Artificial Intelligence-Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI. *American Journal of Roentgenology*, **2020**, 215, 903-912	5.4	11
189	Combined MRI-targeted Plus Systematic Confirmatory Biopsy Improves Risk Stratification for Patients Enrolling on Active Surveillance for Prostate Cancer. *Urology*, **2020**, 144, 164-170	1.6	1
188	Comparison of cross-sectional imaging techniques for the detection of prostate cancer lymph node metastasis: a critical review. *Translational Andrology and Urology*, **2020**, 9, 1415-1427	2.3	3
187	Artificial intelligence for the detection of COVID-19 pneumonia on chest CT using multinational datasets. *Nature Communications*, **2020**, 11, 4080	17.4	202
186	Role of mpMRI in Benign Prostatic Hyperplasia Assessment and Treatment. *Current Urology Reports* , **2020**, 21, 55	2.9	2

185	Prospective Evaluation of PI-RADS Version 2.1 for Prostate Cancer Detection. *American Journal of Roentgenology*, **2020**, 1-6	5.4	7
184	Ferumoxytol-Enhanced MR Lymphography for Detection of Metastatic Lymph Nodes in Genitourinary Malignancies: A Prospective Study. *American Journal of Roentgenology*, **2020**, 214, 105-113	5.4	8
183	PI-RADS: Past, present, and future. *Journal of Magnetic Resonance Imaging*, **2020**, 52, 33-53	5.6	19
182	Apical periurethral transition zone lesions: MRI and histology findings. *Abdominal Radiology*, **2020**, 45, 3258-3264	3	
181	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	20.5	78
180	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. *Radiology*, **2019**, 290, 709-719	20.5	72
179	Prostate Magnetic Resonance Imaging: Lesion Detection and Local Staging. *Annual Review of Medicine*, **2019**, 70, 451-459	17.4	2
178	Reply to Byung Kwan Park 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;76:329-40. *European Urology*, **2019**, 76, e79	10.2	
177	PI-RADS Steering Committee: The PI-RADS Multiparametric MRI and MRI-directed Biopsy Pathway. *Radiology*, **2019**, 292, 464-474	20.5	84
176	Artificial intelligence at the intersection of pathology and radiology in prostate cancer. *Diagnostic and Interventional Radiology*, **2019**, 25, 183-188	3.2	33
175	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	10.2	576
174	Prostate Imaging Reporting and Data System Version 2 for MRI of Prostate Cancer: Can We Do Better?. *American Journal of Roentgenology*, **2019**, 212, 1244-1252	5.4	4
173	Novel Imaging in Detection of Metastatic Prostate Cancer. *Current Oncology Reports*, **2019**, 21, 31	6.3	10
172	Interreader Variability of Prostate Imaging Reporting and Data System Version 2 in Detecting and Assessing Prostate Cancer Lesions at Prostate MRI. *American Journal of Roentgenology*, **2019**, 1-8	5.4	41
171	Radiomics and radiogenomics of prostate cancer. *Abdominal Radiology*, **2019**, 44, 2021-2029	3	25
170	Prostate Imaging-Reporting and Data System Steering Committee: PI-RADS v2 Status Update and Future Directions. *European Urology*, **2019**, 75, 385-396	10.2	121
169	Follow-up of negative MRI-targeted prostate biopsies: when are we missing cancer?. *World Journal of Urology*, **2019**, 37, 235-241	4	20
168	A multiparametric magnetic resonance imaging-based virtual reality surgical navigation tool for robotic-assisted radical prostatectomy. *Turkish Journal of Urology*, **2019**, 45, 357-365	1.3	9

167	Predicting Gleason Group Progression for Men on Prostate Cancer Active Surveillance: Role of a Negative Confirmatory Magnetic Resonance Imaging-Ultrasound Fusion Biopsy. *Journal of Urology*, **2019**, 201, 84-90	2.5	17
166	When to Biopsy the Seminal Vesicles: A Validated Multiparametric Magnetic Resonance Imaging and Target Driven Model to Detect Seminal Vesicle Invasion in Prostate Cancer. *Journal of Urology*, **2019**,	2.5	4
165	Assessment of the compliance with minimum acceptable technical parameters proposed by PI-RADS v2 guidelines in multiparametric prostate MRI acquisition in tertiary referral hospitals in the Republic of Turkey. *Diagnostic and Interventional Radiology*, **2019**, 25, 421-427	3.2	4
164	Intra- and interreader reproducibility of PI-RADSv2: A multireader study. *Journal of Magnetic Resonance Imaging*, **2019**, 49, 1694-1703	5.6	57
163	A Multireader Exploratory Evaluation of Individual Pulse Sequence Cancer Detection on Prostate Multiparametric Magnetic Resonance Imaging (MRI). *Academic Radiology*, **2019**, 26, 5-14	4.3	10
162	Diffusion-Weighted Imaging in Magnetic Resonance Imaging of the Prostate **2018**, 167-178		
161	A Magnetic Resonance Imaging-Based Prediction Model for Prostate Biopsy Risk Stratification. *JAMA Oncology*, **2018**, 4, 678-685	13.4	92
160	Prospective comparison of PI-RADS version 2 and qualitative in-house categorization system in detection of prostate cancer. *Journal of Magnetic Resonance Imaging*, **2018**, 48, 1326-1335	5.6	17
159	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. *European Radiology*, **2018**, 28, 4407-4417	8	47
158	Risk of Upgrading from Prostate Biopsy to Radical Prostatectomy Pathology-Does Saturation Biopsy of Index Lesion during Multiparametric Magnetic Resonance Imaging-Transrectal Ultrasound Fusion Biopsy Help?. *Journal of Urology*, **2018**, 199, 976-982	2.5	59
157	Pilot study for supervised target detection applied to spatially registered multiparametric MRI in order to non-invasively score prostate cancer. *Computers in Biology and Medicine*, **2018**, 94, 65-73	7	6
156	All over the map: An interobserver agreement study of tumor location based on the PI-RADSv2 sector map. *Journal of Magnetic Resonance Imaging*, **2018**, 48, 482-490	5.6	23
155	Prostate MR Imaging for Posttreatment Evaluation and Recurrence. *Radiologic Clinics of North America*, **2018**, 56, 263-275	2.3	26
154	Future Perspectives and Challenges of Prostate MR Imaging. *Radiologic Clinics of North America*, **2018**, 56, 327-337	2.3	9
153	A Prospective Comparison of F-Sodium Fluoride PET/CT and PSMA-Targeted F-DCFBC PET/CT in Metastatic Prostate Cancer. *Journal of Nuclear Medicine*, **2018**, 59, 1665-1671	8.9	29
152	The Problems with the Kappa Statistic as a Metric of Interobserver Agreement on Lesion Detection Using a Third-reader Approach When Locations Are Not Prespecified. *Academic Radiology*, **2018**, 25, 1325-1332	4.3	8
151	Imaging the High-risk Prostate Cancer Patient: Current and Future Approaches to Staging. *Urology*, **2018**, 116, 3-12	1.6	16
150	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. *Radiology*, **2018**, 286, 186-195	20.5	117

149	Using Imaging to Predict Treatment Response in Genitourinary Malignancies. *European Urology Focus*, **2018**, 4, 804-817	5.1	2
148	Clinical impact of PSMA-based F-DCFBC PET/CT imaging in patients with biochemically recurrent prostate cancer after primary local therapy. *European Journal of Nuclear Medicine and Molecular Imaging*, **2018**, 45, 4-11	8.8	47
147	Prostate MR Imaging for Posttreatment Evaluation and Recurrence. *Urologic Clinics of North America*, **2018**, 45, 467-479	2.9	13
146	Can Apparent Diffusion Coefficient Values Assist PI-RADS Version 2 DWI Scoring? A Correlation Study Using the PI-RADSv2 and International Society of Urological Pathology Systems. *American Journal of Roentgenology*, **2018**, 211, W33-W41	5.4	16
145	Deep dense multi-path neural network for prostate segmentation in magnetic resonance imaging. *International Journal of Computer Assisted Radiology and Surgery*, **2018**, 13, 1687-1696	3.9	35
144	Added Value of Multiparametric Magnetic Resonance Imaging to Clinical Nomograms for Predicting Adverse Pathology in Prostate Cancer. *Journal of Urology*, **2018**, 200, 1041-1047	2.5	48
143	Prostate cancer detection from multi-institution multiparametric MRIs using deep convolutional neural networks. *Journal of Medical Imaging*, **2018**, 5, 044507	2.6	23
142	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	3.3	37
141	Ruling out clinically significant prostate cancer with negative multi-parametric MRI. *International Urology and Nephrology*, **2018**, 50, 7-12	2.3	13
140	Ultra-small superparamagnetic iron oxide contrast agents for lymph node staging of high-risk prostate cancer. *Translational Andrology and Urology*, **2018**, 7, S453-S461	2.3	14
139	Keeping up with the prostate-specific membrane antigens (PSMAs): an introduction to a new class of positron emission tomography (PET) imaging agents. *Translational Andrology and Urology*, **2018**, 7, 831-843	2.3	22
138	PI-RADS v2: Current standing and future outlook. *Turkish Journal of Urology*, **2018**, 44, 189-194	1.3	11
137	The Role and Methodology of Multiparametric MRI and Fusion-guided Biopsy in the Management of Prostate Cancer Patients **2018**, 1495-1508		
136	Principles of Prostate Magnetic Resonance Imaging **2018**, 1616-1626		
135	Imaging of distant metastases of prostate cancer. *Medical Oncology*, **2018**, 35, 148	3.7	12
134	Multiparametric MRI for the detection of local recurrence of prostate cancer in the setting of biochemical recurrence after low dose rate brachytherapy. *Diagnostic and Interventional Radiology*, **2018**, 24, 46-53	3.2	11
133	Validation of PI-RADS Version 2 in Transition Zone Lesions for the Detection of Prostate Cancer. *Radiology*, **2018**, 288, 485-491	20.5	38
132	Fusion prostate biopsy outperforms 12-core systematic prostate biopsy in patients with prior negative systematic biopsy: A multi-institutional analysis. *Urologic Oncology: Seminars and Original Investigations*, **2018**, 36, 341.e1-341.e7	2.8	18

131	Evaluating the size criterion for PI-RADSv2 category 5 upgrade: is 15 mm the best threshold?. *Abdominal Radiology*, **2018**, 43, 3436-3444	3	9
130	Reporting Magnetic Resonance Imaging in Men on Active Surveillance for Prostate Cancer: The PRECISE Recommendations-A Report of a European School of Oncology Task Force. *European Urology*, **2017**, 71, 648-655	10.2	132
129	Imaging Locally Advanced, Recurrent, and Metastatic Prostate Cancer: A Review. *JAMA Oncology*, **2017**, 3, 1415-1422	13.4	25
128	PI-RADSv2: How we do it. *Journal of Magnetic Resonance Imaging*, **2017**, 46, 11-23	5.6	12
127	Role of Magnetic Resonance Imaging in Prostate Cancer Assessment. *Current Clinical Urology*, **2017**, 161-176		
126	Detection of prostate cancer in multiparametric MRI using random forest with instance weighting. *Journal of Medical Imaging*, **2017**, 4, 024506	2.6	23
125	Advances in medical imaging for the diagnosis and management of common genitourinary cancers. *Urologic Oncology: Seminars and Original Investigations*, **2017**, 35, 473-491	2.8	35
124	Prospective Evaluation of PI-RADS Version 2 Using the International Society of Urological Pathology Prostate Cancer Grade Group System. *Journal of Urology*, **2017**, 198, 583-590	2.5	100
123	The Current State of MR Imaging-targeted Biopsy Techniques for Detection of Prostate Cancer. *Radiology*, **2017**, 285, 343-356	20.5	65
122	Current Role of Magnetic Resonance Imaging in Prostate Cancer. *Current Radiology Reports*, **2017**, 5, 1	0.5	1
121	Positron emission tomography (PET) in primary prostate cancer staging and risk assessment. *Translational Andrology and Urology*, **2017**, 6, 413-423	2.3	24
120	Validation of the Dominant Sequence Paradigm and Role of Dynamic Contrast-enhanced Imaging in PI-RADS Version 2. *Radiology*, **2017**, 285, 859-869	20.5	94
119	18F-DCFBC Prostate-Specific Membrane Antigen-Targeted PET/CT Imaging in Localized Prostate Cancer: Correlation With Multiparametric MRI and Histopathology. *Clinical Nuclear Medicine*, **2017**, 42, 735-740	1.7	19
118	Functional and Targeted Lymph Node Imaging in Prostate Cancer: Current Status and Future Challenges. *Radiology*, **2017**, 285, 728-743	20.5	27
117	Missing the Mark: Prostate Cancer Upgrading by Systematic Biopsy over Magnetic Resonance Imaging/Transrectal Ultrasound Fusion Biopsy. *Journal of Urology*, **2017**, 197, 327-334	2.5	66
116	Tumor contact with prostate capsule on magnetic resonance imaging: A potential biomarker for staging and prognosis. *Urologic Oncology: Seminars and Original Investigations*, **2017**, 35, 30.e1-30.e8	2.8	36
115	Magnetic Resonance Imaging-Transrectal Ultrasound Guided Fusion Biopsy to Detect Progression in Patients with Existing Lesions on Active Surveillance for Low and Intermediate Risk Prostate Cancer. *Journal of Urology*, **2017**, 197, 640-646	2.5	78
114	Accuracy and agreement of PIRADSv2 for prostate cancer mpMRI: A multireader study. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 579-585	5.6	135

113	Optimal high b-value for diffusion weighted MRI in diagnosing high risk prostate cancers in the peripheral zone. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 125-131	5.6	33
112	Risk stratification of prostate cancer utilizing apparent diffusion coefficient value and lesion volume on multiparametric MRI. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 610-616	5.6	20
111	Should Hypoechoic Lesions on Transrectal Ultrasound Be Sampled During Magnetic Resonance Imaging-targeted Prostate Biopsy?. *Urology*, **2017**, 105, 113-117	1.6	9
110	Prostate Cancer: A Correlative Study of Multiparametric MR Imaging and Digital Histopathology. *Radiology*, **2017**, 285, 147-156	20.5	25
109	Quantitative Image Quality Comparison of Reduced- and Standard-Dose Dual-Energy Multiphase Chest, Abdomen, and Pelvis CT. *Tomography*, **2017**, 3, 114-122	3.1	10
108	Imaging of renal cell carcinoma. *Urologic Oncology: Seminars and Original Investigations*, **2016**, 34, 147-55	2.8	32
107	Prostate cancer: Birth of a standard: MET-RADS-P for metastatic prostate cancer. *Nature Reviews Urology*, **2016**, 13, 568-70	5.5	4
106	Incorporating imaging into personalized medicine for the detection of prostate cancer: Pharmacological research-Urogenital pharmacology. *Pharmacological Research*, **2016**, 114, 163-165	10.2	1
105	Advancement of MR and PET/MR in Prostate Cancer. *Seminars in Nuclear Medicine*, **2016**, 46, 536-543	5.4	14
104	Multiparametric Magnetic Resonance Imaging of Recurrent Prostate Cancer. *Topics in Magnetic Resonance Imaging*, **2016**, 25, 139-47	2.3	30
103	Ferumoxytol as an intraprostatic MR contrast agent for lymph node mapping of the prostate: a feasibility study in non-human primates. *Acta Radiologica*, **2016**, 57, 1396-1401	2	8
102	Prostate Cancer Diagnosis on Repeat Magnetic Resonance Imaging-Transrectal Ultrasound Fusion Biopsy of Benign Lesions: Recommendations for Repeat Sampling. *Journal of Urology*, **2016**, 196, 62-7	2.5	17
101	Reproducibility of Multiparametric Magnetic Resonance Imaging and Fusion Guided Prostate Biopsy: Multi-Institutional External Validation by a Propensity Score Matched Cohort. *Journal of Urology*, **2016**, 195, 1737-43	2.5	15
100	Prostate Imaging Reporting and Data System (PI-RADS), Version 2: A Critical Look. *American Journal of Roentgenology*, **2016**, 206, 1179-83	5.4	81
99	PET/CT imaging of renal cell carcinoma with (18)F-VM4-037: a phase II pilot study. *Abdominal Radiology*, **2016**, 41, 109-18	3	29
98	DCE MRI of prostate cancer. *Abdominal Radiology*, **2016**, 41, 844-53	3	32
97	Evaluating the Role of mpMRI in Prostate Cancer Assessment. *Expert Review of Medical Devices*, **2016**, 13, 129-41	3.5	11
96	Combined Biparametric Prostate Magnetic Resonance Imaging and Prostate-specific Antigen in the Detection of Prostate Cancer: A Validation Study in a Biopsy-naive Patient Population. *Urology*, **2016**, 88, 125-34	1.6	71

95	Imaging in Localized Prostate Cancer **2016**, 91-99		
94	Active Surveillance of Prostate Cancer: Use, Outcomes, Imaging, and Diagnostic Tools. *American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting*, **2016**, 35, e235-45	7.1	22
93	Active Surveillance of Prostate Cancer: Use, Outcomes, Imaging, and Diagnostic Tools. *American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting*, **2016**, 35, e235-e245	7.1	15
92	Differentiating Transition Zone Cancers From Benign Prostatic Hyperplasia by Quantitative Multiparametric Magnetic Resonance Imaging. *Journal of Computer Assisted Tomography*, **2016**, 40, 218-24	2.2	11
91	Midline lesions of the prostate: role of MRI/TRUS fusion biopsy and implications in Gleason risk stratification. *International Urology and Nephrology*, **2016**, 48, 1445-52	2.3	8
90	PRECISION MANAGEMENT OF LOCALIZED PROSTATE CANCER. *Expert Review of Precision Medicine and Drug Development*, **2016**, 1, 505-515	1.6	5
89	A urologist's perspective on prostate cancer imaging: past, present, and future. *Abdominal Radiology*, **2016**, 41, 805-16	3	19
88	The significance of anterior prostate lesions on multiparametric magnetic resonance imaging in African-American men. *Urologic Oncology: Seminars and Original Investigations*, **2016**, 34, 254.e15-21	2.8	21
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