

# Peter L Choyke

## List of Publications by Citations

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151  
papers

14,137  
citations

52  
h-index

118  
g-index

164  
ext. papers

16,513  
ext. citations

9.8  
avg, IF

6.37  
L-index

#	Paper	IF	Citations
151	ESUR prostate MR guidelines 2012. <i>European Radiology</i> , <b>2012</b> , 22, 746-57	8	1779
150	PI-RADS Prostate Imaging - Reporting and Data System: 2015, Version 2. <i>European Urology</i> , <b>2016</b> , 69, 16-40	10.2	1682
149	Germline and somatic mutations in the tyrosine kinase domain of the MET proto-oncogene in papillary renal carcinomas. <i>Nature Genetics</i> , <b>1997</b> , 16, 68-73	36.3	1289
148	Comparison of MR/ultrasound fusion-guided biopsy with ultrasound-guided biopsy for the diagnosis of prostate cancer. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 313, 390-7	27.4	999
147	Cancer cell-selective in vivo near infrared photoimmunotherapy targeting specific membrane molecules. <i>Nature Medicine</i> , <b>2011</b> , 17, 1685-91	50.5	665
146	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene. <i>Human Mutation</i> , <b>1998</b> , 12, 417-23	4.7	406
145	Functional tumor imaging with dynamic contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2003</b> , 17, 509-20	5.6	349
144	Toxicity of Organic Fluorophores Used in Molecular Imaging: Literature Review. <i>Molecular Imaging</i> , <b>2009</b> , 8, 7290.2009.00031	3.7	278
143	Prostate Cancer: Interobserver Agreement and Accuracy with the Revised Prostate Imaging Reporting and Data System at Multiparametric MR Imaging. <i>Radiology</i> , <b>2015</b> , 277, 741-50	20.5	256
142	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 917-928	59.2	235
141	Hereditary papillary renal cell carcinoma. <i>Journal of Urology</i> , <b>1994</b> , 151, 561-6	2.5	235
140	MRI of tumor angiogenesis. <i>Journal of Magnetic Resonance Imaging</i> , <b>2007</b> , 26, 235-49	5.6	232
139	Renal cancer in families with hereditary renal cancer: prospective analysis of a tumor size threshold for renal parenchymal sparing surgery. <i>Journal of Urology</i> , <b>1999</b> , 161, 1475-9	2.5	189
138	Markedly enhanced permeability and retention effects induced by photo-immunotherapy of tumors. <i>ACS Nano</i> , <b>2013</b> , 7, 717-24	16.7	187
137	Hereditary renal cancers. <i>Radiology</i> , <b>2003</b> , 226, 33-46	20.5	164
136	Near-Infrared Photoimmunotherapy of Cancer. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 2332-2339	24.3	160
135	PARENCHYMAL SPARING SURGERY IN PATIENTS WITH HEREDITARY RENAL CELL CARCINOMA: 10-YEAR EXPERIENCE. <i>Journal of Urology</i> , <b>2001</b> , 165, 777-781	2.5	159

134	Original Articles: Kidney Cancer: Hereditary Papillary Renal Cell Carcinoma: Clinical Studies in 10 Families. <i>Journal of Urology</i> , <b>1995</b> , 153, 907-912	2.5	154
133	Correlation of magnetic resonance imaging tumor volume with histopathology. <i>Journal of Urology</i> , <b>2012</b> , 188, 1157-1163	2.5	152
132	Biologically optimized nanosized molecules and particles: more than just size. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 993-1000	6.3	136
131	Screening for Wilms tumor in children with Beckwith-Wiedemann syndrome or idiopathic hemihypertrophy. <i>Medical and Pediatric Oncology</i> , <b>1999</b> , 32, 196-200		125
130	Immunogenic cancer cell death selectively induced by near infrared photoimmunotherapy initiates host tumor immunity. <i>Oncotarget</i> , <b>2017</b> , 8, 10425-10436	3.3	123
129	Localized prostate cancer detection with 18F FACBC PET/CT: comparison with MR imaging and histopathologic analysis. <i>Radiology</i> , <b>2014</b> , 270, 849-56	20.5	122
128	Spatially selective depletion of tumor-associated regulatory T cells with near-infrared photoimmunotherapy. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 352ra110	17.5	120
127	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. <i>Radiology</i> , <b>2018</b> , 286, 186-195	20.5	117
126	Near-infrared theranostic photoimmunotherapy (PIT): repeated exposure of light enhances the effect of immunoconjugate. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 604-9	6.3	115
125	System for prostate brachytherapy and biopsy in a standard 1.5 T MRI scanner. <i>Magnetic Resonance in Medicine</i> , <b>2004</b> , 52, 683-7	4.4	114
124	Anti-1-amino-3-18F-fluorocyclobutane-1-carboxylic acid: physiologic uptake patterns, incidental findings, and variants that may simulate disease. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 1986-92	8.9	112
123	Regression of metastatic renal cell carcinoma after cytoreductive nephrectomy. <i>Journal of Urology</i> , <b>1993</b> , 150, 463-6	2.5	104
122	Prospective Evaluation of the Prostate Imaging Reporting and Data System Version 2 for Prostate Cancer Detection. <i>Journal of Urology</i> , <b>2016</b> , 196, 690-6	2.5	104
121	Photoinduced Ligand Release from a Silicon Phthalocyanine Dye Conjugated with Monoclonal Antibodies: A Mechanism of Cancer Cell Cytotoxicity after Near-Infrared Photoimmunotherapy. <i>ACS Central Science</i> , <b>2018</b> , 4, 1559-1569	16.8	102
120	Multiparametric prostate magnetic resonance imaging in the evaluation of prostate cancer. <i>Ca-A Cancer Journal for Clinicians</i> , <b>2016</b> , 66, 326-36	220.7	99
119	Automated bolus chase peripheral MR angiography: initial practical experiences and future directions of this work-in-progress. <i>Journal of Magnetic Resonance Imaging</i> , <b>1999</b> , 10, 376-88	5.6	97
118	Multiparametric magnetic resonance imaging (MRI) and subsequent MRI/ultrasonography fusion-guided biopsy increase the detection of anteriorly located prostate cancers. <i>BJU International</i> , <b>2014</b> , 114, E43-E49	5.6	95
117	Validation of the Dominant Sequence Paradigm and Role of Dynamic Contrast-enhanced Imaging in PI-RADS Version 2. <i>Radiology</i> , <b>2017</b> , 285, 859-869	20.5	94

116	(89)Zr-Oxine Complex PET Cell Imaging in Monitoring Cell-based Therapies. <i>Radiology</i> , <b>2015</b> , 275, 490-500.	2.5	93
115	Clinical differentiation between Proteus syndrome and hemihyperplasia: description of a distinct form of hemihyperplasia. <i>American Journal of Medical Genetics Part A</i> , <b>1998</b> , 79, 311-8		83
114	Original Articles: Kidney Cancer: Parenchymal Sparing Surgery in Patients With Hereditary Renal Cell Carcinoma. <i>Journal of Urology</i> , <b>1995</b> , 153, 913-916	2.5	80
113	MANAGEMENT OF HEREDITARY PHEOCHROMOCYTOMA IN VON HIPPEL-LINDAU KINDREDS WITH PARTIAL ADRENALECTOMY. <i>Journal of Urology</i> , <b>1999</b> , 161, 395-398	2.5	79
112	Magnetic Resonance Imaging-Transrectal Ultrasound Guided Fusion Biopsy to Detect Progression in Patients with Existing Lesions on Active Surveillance for Low and Intermediate Risk Prostate Cancer. <i>Journal of Urology</i> , <b>2017</b> , 197, 640-646	2.5	78
111	Photoimmunotherapy: comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. <i>Molecular Oncology</i> , <b>2014</b> , 8, 620-32	7.9	77
110	A PHASE 2 STUDY OF RADIO FREQUENCY INTERSTITIAL TISSUE ABLATION OF LOCALIZED RENAL TUMORS. <i>Journal of Urology</i> , <b>2000</b> , 163, 1424-1427	2.5	77
109	An MRI-compatible robotic system with hybrid tracking for MRI-guided prostate intervention. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2011</b> , 58, 3049-60	5	73
108	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. <i>Radiology</i> , <b>2019</b> , 290, 709-719	20.5	72
107	A Phase I study of infusional vinblastine in combination with the P-glycoprotein antagonist PSC 833 (valsopodar). <i>Cancer</i> , <b>2001</b> , 92, 1577-90	6.4	68
106	The Current State of MR Imaging-targeted Biopsy Techniques for Detection of Prostate Cancer. <i>Radiology</i> , <b>2017</b> , 285, 343-356	20.5	65
105	Typhlitis resulting from treatment with taxol and doxorubicin in patients with metastatic breast cancer. <i>Cancer</i> , <b>1993</b> , 71, 1797-800	6.4	65
104	Cancer drug delivery: considerations in the rational design of nanosized bioconjugates. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 2093-100	6.3	60
103	Efficiency of Prostate Cancer Diagnosis by MR/Ultrasound Fusion-Guided Biopsy vs Standard Extended-Sextant Biopsy for MR-Visible Lesions. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	59
102	Host Immunity Following Near-Infrared Photoimmunotherapy Is Enhanced with PD-1 Checkpoint Blockade to Eradicate Established Antigenic Tumors. <i>Cancer Immunology Research</i> , <b>2019</b> , 7, 401-413	12.5	57
101	Clinical implications of a multiparametric magnetic resonance imaging based nomogram applied to prostate cancer active surveillance. <i>Journal of Urology</i> , <b>2015</b> , 193, 1943-1949	2.5	55
100	Near-Infrared Photoimmunotherapy Targeting Prostate Cancer with Prostate-Specific Membrane Antigen (PSMA) Antibody. <i>Molecular Cancer Research</i> , <b>2017</b> , 15, 1153-1162	6.6	53
99	A prospective analysis of plasma endostatin levels in colorectal cancer patients with liver metastases. <i>Annals of Surgical Oncology</i> , <b>2001</b> , 8, 741-5	3.1	52

98	Merging of intersecting triangulations for finite element modeling. <i>Journal of Biomechanics</i> , <b>2001</b> , 34, 815-9	2.9	52
97	Imaging of urea using chemical exchange-dependent saturation transfer at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , <b>2000</b> , 12, 745-8	5.6	51
96	Near infrared photoimmunotherapy for lung metastases. <i>Cancer Letters</i> , <b>2015</b> , 365, 112-21	9.9	49
95	Very distal apical prostate tumours: identification on multiparametric MRI at 3 Tesla. <i>BJU International</i> , <b>2012</b> , 110, E694-700	5.6	48
94	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. <i>European Radiology</i> , <b>2018</b> , 28, 4407-4417	8	47
93	ACR Appropriateness Criteria on incidentally discovered adrenal mass. <i>Journal of the American College of Radiology</i> , <b>2006</b> , 3, 498-504	3.5	47
92	Syngeneic Mouse Models of Oral Cancer Are Effectively Targeted by Anti-CD44-Based NIR-PIT. <i>Molecular Cancer Research</i> , <b>2017</b> , 15, 1667-1677	6.6	44
91	Fully automated prostate segmentation on MRI: comparison with manual segmentation methods and specimen volumes. <i>American Journal of Roentgenology</i> , <b>2013</b> , 201, W720-9	5.4	42
90	Nanoparticles in sentinel lymph node mapping. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2009</b> , 1, 610-23	9.2	42
89	Validation of PI-RADS Version 2 in Transition Zone Lesions for the Detection of Prostate Cancer. <i>Radiology</i> , <b>2018</b> , 288, 485-491	20.5	38
88	Evaluation of color Doppler intraoperative ultrasound in parenchymal sparing renal surgery. <i>Journal of Urology</i> , <b>1994</b> , 152, 1984-7	2.5	35
87	Near-Infrared Photoimmunotherapy: Photoactivatable Antibody-Drug Conjugates (ADCs). <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 28-36	6.3	34
86	Posterior subcapsular prostate cancer: identification with mpMRI and MRI/TRUS fusion-guided biopsy. <i>Abdominal Imaging</i> , <b>2015</b> , 40, 2557-65		31
85	Prostate cancer: what is the future role for imaging?. <i>American Journal of Roentgenology</i> , <b>2001</b> , 176, 17-22	5.4	30
84	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , <b>2016</b> , 7, 14324-35	3.3	30
83	Multiparametric magnetic resonance imaging-transrectal ultrasound fusion-assisted biopsy for the diagnosis of local recurrence after radical prostatectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2015</b> , 33, 425.e1-425.e6	2.8	29
82	Robotic System for MRI-guided Focal Laser Ablation in the Prostate. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2017</b> , 22, 107-114	5.5	29
81	A report of familial carotid body tumors and multiple extra-adrenal pheochromocytomas. <i>Journal of Urology</i> , <b>1991</b> , 145, 1040-2	2.5	28

80	Functional and Targeted Lymph Node Imaging in Prostate Cancer: Current Status and Future Challenges. <i>Radiology</i> , <b>2017</b> , 285, 728-743	20.5	27
79	Imaging of hereditary renal cancer. <i>Radiologic Clinics of North America</i> , <b>2003</b> , 41, 1037-51	2.3	27
78	Assessment of tumor growth in pancreatic neuroendocrine tumors in von Hippel Lindau syndrome. <i>Journal of the American College of Surgeons</i> , <b>2014</b> , 218, 163-9	4.4	26
77	Combined CD44- and CD25-Targeted Near-Infrared Photoimmunotherapy Selectively Kills Cancer and Regulatory T Cells in Syngeneic Mouse Cancer Models. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 345-355	12.5	25
76	Contrast agents for imaging tumor angiogenesis: is bigger better?. <i>Radiology</i> , <b>2005</b> , 235, 1-2	20.5	25
75	Prostate Cancer: A Correlative Study of Multiparametric MR Imaging and Digital Histopathology. <i>Radiology</i> , <b>2017</b> , 285, 147-156	20.5	25
74	Endoscopic near infrared photoimmunotherapy using a fiber optic diffuser for peritoneal dissemination of gastric cancer. <i>Cancer Science</i> , <b>2018</b> , 109, 1902-1908	6.9	25
73	Detection of prostate cancer in multiparametric MRI using random forest with instance weighting. <i>Journal of Medical Imaging</i> , <b>2017</b> , 4, 024506	2.6	23
72	The Effect of Antibody Fragments on CD25 Targeted Regulatory T Cell Near-Infrared Photoimmunotherapy. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2624-2633	6.3	22
71	Active Surveillance of Prostate Cancer: Use, Outcomes, Imaging, and Diagnostic Tools. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , <b>2016</b> , 35, e235-45	7.1	22
70	Radiologic evaluation of hematuria: guidelines from the American College of Radiology® appropriateness criteria. <i>American Family Physician</i> , <b>2008</b> , 78, 347-52	1.3	21
69	18F-DCFBC Prostate-Specific Membrane Antigen-Targeted PET/CT Imaging in Localized Prostate Cancer: Correlation With Multiparametric MRI and Histopathology. <i>Clinical Nuclear Medicine</i> , <b>2017</b> , 42, 735-740	1.7	19
68	Dynamic enhanced magnetic resonance imaging of testicular perfusion in the rat. <i>Journal of Urology</i> , <b>1993</b> , 149, 1195-7	2.5	19
67	MRI-based prostate volume-adjusted prostate-specific antigen in the diagnosis of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1733-9	5.6	18
66	Prospective comparison of PI-RADS version 2 and qualitative in-house categorization system in detection of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 48, 1326-1335	5.6	17
65	MRI-Guided Robotically Assisted Focal Laser Ablation of the Prostate Using Canine Cadavers. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2018</b> , 65, 1434-1442	5	17
64	Intratesticular masses associated with abnormally functioning adrenal glands. <i>Journal of Clinical Ultrasound</i> , <b>1992</b> , 20, 51-8	1	17
63	The emerging role of molecular imaging and targeted therapeutics in peritoneal carcinomatosis. <i>Expert Opinion on Drug Delivery</i> , <b>2007</b> , 4, 389-402	8	16

62	Bolus-chase peripheral 3D MRA using a dual-rate contrast media injection. <i>Journal of Magnetic Resonance Imaging</i> , <b>2000</b> , 12, 769-75	5.6	16
61	Ferumoxide-enhanced MRI in patients with colorectal cancer and rising CEA: surgical correlation in early recurrence. <i>Magnetic Resonance Imaging</i> , <b>2000</b> , 18, 305-9	3.3	16
60	Impact of bowel preparation with Fleet®Clenema on prostate MRI quality. <i>Abdominal Radiology</i> , <b>2020</b> , 45, 4252-4259	3	15
59	Special techniques for imaging blood flow to tumors. <i>Cancer Journal (Sudbury, Mass )</i> , <b>2002</b> , 8, 109-18	2.2	15
58	Near-infrared photoimmunotherapy with galactosyl serum albumin in a model of diffuse peritoneal disseminated ovarian cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 79408-79416	3.3	15
57	Advancement of MR and PET/MR in Prostate Cancer. <i>Seminars in Nuclear Medicine</i> , <b>2016</b> , 46, 536-543	5.4	14
56	Do Radiologists Have Stage Fright? Tumor Staging and How We Can Add Value to the Care of Patients with Cancer. <i>Radiology</i> , <b>2016</b> , 278, 11-2	20.5	14
55	From needles to numbers: can noninvasive imaging distinguish benign and malignant adrenal lesions?. <i>World Journal of Urology</i> , <b>1998</b> , 16, 29-34	4	13
54	Dynamic changes in the cell membrane on three dimensional low coherent quantitative phase microscopy (3D LC-QPM) after treatment with the near infrared photoimmunotherapy. <i>Oncotarget</i> , <b>2017</b> , 8, 104295-104302	3.3	13
53	Near-Infrared Photoimmunotherapy Combined with CTLA4 Checkpoint Blockade in Syngeneic Mouse Cancer Models. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	13
52	Local Depletion of Immune Checkpoint Ligand CTLA4 Expressing Cells in Tumor Beds Enhances Antitumor Host Immunity. <i>Advanced Therapeutics</i> , <b>2021</b> , 4, 2000269	4.9	13
51	Ruling out clinically significant prostate cancer with negative multi-parametric MRI. <i>International Urology and Nephrology</i> , <b>2018</b> , 50, 7-12	2.3	13
50	Increased Immunogenicity of a Minimally Immunogenic Tumor after Cancer-Targeting Near Infrared Photoimmunotherapy. <i>Cancers</i> , <b>2020</b> , 12,	6.6	12
49	Pilot study of FPPRGD2 for imaging (V)β integrin--how integral are integrins?. <i>Radiology</i> , <b>2011</b> , 260, 1-2	20.5	12
48	Near Infrared Photoimmunotherapy; A Review of Targets for Cancer Therapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	12
47	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene <b>1998</b> , 12, 417		12
46	Multiparametric MRI for the detection of local recurrence of prostate cancer in the setting of biochemical recurrence after low dose rate brachytherapy. <i>Diagnostic and Interventional Radiology</i> , <b>2018</b> , 24, 46-53	3.2	11
45	New Targets for PET Molecular Imaging of Prostate Cancer. <i>Seminars in Nuclear Medicine</i> , <b>2019</b> , 49, 326-336	3.6	10

44	Quantitative Image Quality Comparison of Reduced- and Standard-Dose Dual-Energy Multiphase Chest, Abdomen, and Pelvis CT. <i>Tomography</i> , <b>2017</b> , 3, 114-122	3.1	10
43	Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas - Imaging analysis and histological validation. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 160, 192-201	5.3	10
42	Novel Imaging of Prostate Cancer with MRI, MRI/US, and PET. <i>Current Oncology Reports</i> , <b>2015</b> , 17, 56	6.3	9
41	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of F-DCFPyL PET/CT with Comparison to Multiparametric MRI. <i>Radiology</i> , <b>2020</b> , 296, 564-572	20.5	9
40	Future Perspectives and Challenges of Prostate MR Imaging. <i>Radiologic Clinics of North America</i> , <b>2018</b> , 56, 327-337	2.3	9
39	PSEUDOTUMORS AFTER RENAL PARENCHYMAL SPARING SURGERY. <i>Journal of Urology</i> , <b>1998</b> , 159, 1148-1151	2.151	9
38	A multiparametric magnetic resonance imaging-based virtual reality surgical navigation tool for robotic-assisted radical prostatectomy. <i>Turkish Journal of Urology</i> , <b>2019</b> , 45, 357-365	1.3	9
37	Near-infrared photoimmunotherapy targeting human-EGFR in a mouse tumor model simulating current and future clinical trials. <i>EBioMedicine</i> , <b>2021</b> , 67, 103345	8.8	9
36	Hereditary Renal Tumor Syndromes: Update on Diagnosis and Management. <i>Seminars in Ultrasound, CT and MRI</i> , <b>2017</b> , 38, 59-71	1.7	8
35	Near infrared photoimmunotherapy of cancer; possible clinical applications. <i>Nanophotonics</i> , <b>2021</b> , 10, 3135-3151	6.3	8
34	Clinical outcome of PSMA-guided radiotherapy for patients with oligorecurrent prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 143-151	8.8	8
33	PARENCHYMAL SPARING SURGERY IN A PATIENT WITH MULTIPLE BILATERAL PAPILLARY RENAL CANCER. <i>Journal of Urology</i> , <b>2001</b> , 165, 1623-1624	2.5	7
32	Rapid Depletion of Intratumoral Regulatory T Cells Induces Synchronized CD8 T- and NK-cell Activation and IFN $\gamma$ -Dependent Tumor Vessel Regression. <i>Cancer Research</i> , <b>2021</b> , 81, 3092-3104	10.1	7
31	Prospective Evaluation of F-DCFPyL PET/CT in Detection of High-Risk Localized Prostate Cancer: Comparison With mpMRI. <i>American Journal of Roentgenology</i> , <b>2020</b> , 215, 652-659	5.4	7
30	Case 18: adrenocorticotrophic hormone-dependent Cushing syndrome. <i>Radiology</i> , <b>2000</b> , 214, 195-8	20.5	6
29	Nanoparticles: take only pictures, leave only footprints. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 260fs44	17.5	5
28	Current Ability of Multiparametric Prostate Magnetic Resonance Imaging and Targeted Biopsy to Improve the Detection of Prostate Cancer. <i>Urology Practice</i> , <b>2014</b> , 1, 13-21	0.8	5
27	MRI Robot for Prostate Focal Laser Ablation: An Ex Vivo Study in Human Prostate. <i>Journal of Imaging</i> , <b>2018</b> , 4, 140	3.1	5

26	Performance of Published Glypican 3-Targeting Peptides TJ12P1 and L5 Indicates Lack of Specificity and Potency. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>2019</b> , 34, 498-503	3.9	4
25	Multiparametric Magnetic Resonance Imaging for Active Surveillance of Prostate Cancer. <i>Balkan Medical Journal</i> , <b>2017</b> , 34, 388-396	1.5	4
24	Can Molecular Imaging Measure T-cell Activation?. <i>Cancer Research</i> , <b>2020</b> , 80, 2975-2976	10.1	4
23	Simultaneously Combined Cancer Cell- and CTLA4-Targeted NIR-PIT Causes a Synergistic Treatment Effect in Syngeneic Mouse Models. <i>Molecular Cancer Therapeutics</i> , <b>2021</b> , 20, 2262-2273	6.1	4
22	Preferential arterial imaging using gated thick-slice gadolinium-enhanced phase-contrast acquisition in peripheral MRA. <i>Journal of Magnetic Resonance Imaging</i> , <b>2001</b> , 13, 714-21	5.6	3
21	Prognostic Features of Biochemical Recurrence of Prostate Cancer Following Radical Prostatectomy Based on Multiparametric MRI and Immunohistochemistry Analysis of MRI-guided Biopsy Specimens. <i>Radiology</i> , <b>2021</b> , 299, 613-623	20.5	3
20	Robot for Magnetic Resonance Imaging Guided Focal Prostate Laser Ablation1. <i>Journal of Medical Devices, Transactions of the ASME</i> , <b>2016</b> , 10,	1.3	3
19	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. <i>IEEE Access</i> , <b>2021</b> , 9, 87531-87542	3.5	3
18	A Grading System for Extraprostatic Extension of Prostate Cancer That We Can All Agree Upon?. <i>Radiology Imaging Cancer</i> , <b>2020</b> , 2, e190088	1.4	2
17	Performance characteristics of a positron projection imager for mouse whole-body imaging. <i>Nuclear Medicine and Biology</i> , <b>2013</b> , 40, 321-30	2.1	2
16	Can imaging gene expression in human mesenchymal stem cells be successful in large animals?. <i>Radiology</i> , <b>2009</b> , 252, 1-3	20.5	2
15	Commentary on "Computed tomography in the diagnosis of adrenal disease" and "Nonfunctioning adrenal masses: incidental discovery on computed tomography". <i>American Journal of Roentgenology</i> , <b>2009</b> , 192, 568-70	5.4	2
14	Science to practice: angiogenic marker expression during tumor growth--can targeted US microbubbles help monitor molecular changes in the microvasculature?. <i>Radiology</i> , <b>2011</b> , 258, 655-6	20.5	2
13	Selection of antibody and light exposure regimens alters therapeutic effects of EGFR-targeted near-infrared photoimmunotherapy.. <i>Cancer Immunology, Immunotherapy</i> , <b>2022</b> , 1	7.4	2
12	Novel PET imaging methods for prostate cancer. <i>World Journal of Urology</i> , <b>2021</b> , 39, 687-699	4	2
11	Automated bolus chase peripheral MR angiography: Initial practical experiences and future directions of this work-in-progress <b>1999</b> , 10, 376		2
10	Meeting the challenges of PET-based molecular imaging in cancer. <i>Expert Review of Molecular Diagnostics</i> , <b>2013</b> , 13, 671-80	3.8	1
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3	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. <i>JNCI Cancer Spectrum</i> , <b>2022</b> , 6,	4.6	1
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