

Peter L Choyke

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

18,214
citations

26567

56
h-index

12558

132
g-index

164
all docs

164
docs citations

164
times ranked

14898
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	Germline and somatic mutations in the tyrosine kinase domain of the MET proto-oncogene in papillary renal carcinomas. <i>Nature Genetics</i> , 1997, 16, 68-73.	9.4	1,461
4	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> , 2015, 313, 390.	3.8	1,267
5	Cancer cell-selective in vivo near infrared photoimmunotherapy targeting specific membrane molecules. <i>Nature Medicine</i> , 2011, 17, 1685-1691.	15.2	851
6	MRI-Targeted, Systematic, and Combined Biopsy for Prostate Cancer Diagnosis. <i>New England Journal of Medicine</i> , 2020, 382, 917-928.	13.9	515
7	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene. <i>Human Mutation</i> , 1998, 12, 417-423.	1.1	452
8	Functional tumor imaging with dynamic contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 509-520.	1.9	401
9	Toxicity of Organic Fluorophores Used in Molecular Imaging: Literature Review. <i>Molecular Imaging</i> , 2009, 8, 7290.2009.00031.	0.7	358
10	Prostate Cancer: Interobserver Agreement and Accuracy with the Revised Prostate Imaging Reporting and Data System at Multiparametric MR Imaging. <i>Radiology</i> , 2015, 277, 741-750.	3.6	296
11	Hereditary Papillary Renal Cell Carcinoma. <i>Journal of Urology</i> , 1994, 151, 561-566.	0.2	289
12	Near-Infrared Photoimmunotherapy of Cancer. <i>Accounts of Chemical Research</i> , 2019, 52, 2332-2339.	7.6	286
13	MRI of tumor angiogenesis. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 235-249.	1.9	253
14	Markedly Enhanced Permeability and Retention Effects Induced by Photo-immunotherapy of Tumors. <i>ACS Nano</i> , 2013, 7, 717-724.	7.3	237
15	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> , 1999, 161, 1475-1479.	0.2	229
16	Hereditary Renal Cancers. <i>Radiology</i> , 2003, 226, 33-46.	3.6	210
17	PARENCHYMAL SPARING SURGERY IN PATIENTS WITH HEREDITARY RENAL CELL CARCINOMA: 10-YEAR EXPERIENCE. <i>Journal of Urology</i> , 2001, 165, 777-781.	0.2	198
18	Correlation of Magnetic Resonance Imaging Tumor Volume with Histopathology. <i>Journal of Urology</i> , 2012, 188, 1157-1163.	0.2	188

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19	What Are We Missing? False-Negative Cancers at Multiparametric MR Imaging of the Prostate. <i>Radiology</i> , 2018, 286, 186-195.	3.6	188
20	Immunogenic cancer cell death selectively induced by near infrared photoimmunotherapy initiates host tumor immunity. <i>Oncotarget</i> , 2017, 8, 10425-10436.	0.8	179
21	Original Articles: Kidney Cancer: Hereditary Papillary Renal Cell Carcinoma: Clinical Studies in 10 Families. <i>Journal of Urology</i> , 1995, 153, 907-912.	0.2	176
22	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> , 2018, 4, 1559-1569.	5.3	171
23	Spatially selective depletion of tumor-associated regulatory T cells with near-infrared photoimmunotherapy. <i>Science Translational Medicine</i> , 2016, 8, 352ra110.	5.8	163
24	Biologically Optimized Nanosized Molecules and Particles: More than Just Size. <i>Bioconjugate Chemistry</i> , 2011, 22, 993-1000.	1.8	149
25	Localized Prostate Cancer Detection with ¹⁸ F FACBC PET/CT: Comparison with MR Imaging and Histopathologic Analysis. <i>Radiology</i> , 2014, 270, 849-856.	3.6	141
26	A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. <i>Radiology</i> , 2019, 290, 709-719.	3.6	140
27	Screening for Wilms tumor in children with Beckwith-Wiedemann syndrome or idiopathic hemihypertrophy. , 1999, 32, 196-200.		138
28	Anti-1-Amino-3- ¹⁸ F-Fluorocyclobutane-1-Carboxylic Acid: Physiologic Uptake Patterns, Incidental Findings, and Variants That May Simulate Disease. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1986-1992.	2.8	138
29	Near-infrared Theranostic Photoimmunotherapy (PIT): Repeated Exposure of Light Enhances the Effect of Immunoconjugate. <i>Bioconjugate Chemistry</i> , 2012, 23, 604-609.	1.8	136
30	Regression of Metastatic Renal Cell Carcinoma After Cyto-reductive Nephrectomy. <i>Journal of Urology</i> , 1993, 150, 463-466.	0.2	132
31	Multiparametric prostate magnetic resonance imaging in the evaluation of prostate cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2016, 66, 326-336.	157.7	128
32	Validation of the Dominant Sequence Paradigm and Role of Dynamic Contrast-enhanced Imaging in PI-RADS Version 2. <i>Radiology</i> , 2017, 285, 859-869.	3.6	126
33	System for prostate brachytherapy and biopsy in a standard 1.5 T MRI scanner. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 683-687.	1.9	123
34	⁸⁹ Zr-Oxine Complex PET Cell Imaging in Monitoring Cell-based Therapies. <i>Radiology</i> , 2015, 275, 490-500.	3.6	121
35	Prospective Evaluation of the Prostate Imaging Reporting and Data System Version 2 for Prostate Cancer Detection. <i>Journal of Urology</i> , 2016, 196, 690-696.	0.2	116
36	Automated bolus chase peripheral MR angiography: Initial practical experiences and future directions of this work-in-progress. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 376-388.	1.9	103

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37	Multiparametric magnetic resonance imaging (<scp>MRI</scp>) and subsequent <scp>MRI</scp>/ultrasonography fusionâ€gguided biopsy increase the detection of anteriorly located prostate cancers. BJU International, 2014, 114, E43-E49.	1.3	103
38	Host Immunity Following Near-Infrared Photoimmunotherapy Is Enhanced with PD-1 Checkpoint Blockade to Eradicate Established Antigenic Tumors. Cancer Immunology Research, 2019, 7, 401-413.	1.6	99
39	Clinical differentiation between proteus syndrome and hemihyperplasia: Description of a distinct form of hemihyperplasia. , 1998, 79, 311-318.		97
40	MANAGEMENT OF HEREDITARY PHEOCHROMOCYTOMA IN VON HIPPEL-LINDAU KINDREDS WITH PARTIAL ADRENALECTOMY. Journal of Urology, 1999, 161, 395-398.	0.2	97
41	Photoimmunotherapy: Comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. Molecular Oncology, 2014, 8, 620-632.	2.1	95
42	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.	0.2	90
43	The Current State of MR Imagingâ€targeted Biopsy Techniques for Detection of Prostate Cancer. Radiology, 2017, 285, 343-356.	3.6	88
44	Original Articles: Kidney Cancer: Parenchymal Sparing Surgery in Patients With Hereditary Renal Cell Carcinoma. Journal of Urology, 1995, 153, 913-916.	0.2	87
45	A PHASE 2 STUDY OF RADIO FREQUENCY INTERSTITIAL TISSUE ABLATION OF LOCALIZED RENAL TUMORS. Journal of Urology, 2000, 163, 1424-1427.	0.2	87
46	An MRI-Compatible Robotic System With Hybrid Tracking for MRI-Guided Prostate Intervention. IEEE Transactions on Biomedical Engineering, 2011, 58, 3049-3060.	2.5	85
47	A Phase I study of infusional vinblastine in combination with the p-glycoprotein antagonist PSC 833 (valspodar). Cancer, 2001, 92, 1577-1590.	2.0	76
48	Typhlitis resulting from treatment with taxol and doxorubicin in patients with metastatic breast cancer. Cancer, 1993, 71, 1797-1800.	2.0	74
49	Near-Infrared Photoimmunotherapy Targeting Prostate Cancer with Prostate-Specific Membrane Antigen (PSMA) Antibody. Molecular Cancer Research, 2017, 15, 1153-1162.	1.5	69
50	Cancer Drug Delivery: Considerations in the Rational Design of Nanosized Bioconjugates. Bioconjugate Chemistry, 2014, 25, 2093-2100.	1.8	68
51	Efficiency of Prostate Cancer Diagnosis by MR/Ultrasound Fusion-Guided Biopsy vs Standard Extended-Sextant Biopsy for MR-Visible Lesions. Journal of the National Cancer Institute, 2016, 108, djw039.	3.0	68
52	Computer-aided diagnosis prior to conventional interpretation of prostate mpMRI: an international multi-reader study. European Radiology, 2018, 28, 4407-4417.	2.3	68
53	Merging of intersecting triangulations for finite element modeling. Journal of Biomechanics, 2001, 34, 815-819.	0.9	67
54	Syngeneic Mouse Models of Oral Cancer Are Effectively Targeted by Antiâ€CD44-Based NIR-PIT. Molecular Cancer Research, 2017, 15, 1667-1677.	1.5	64

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55	Near infrared photoimmunotherapy for lung metastases. <i>Cancer Letters</i> , 2015, 365, 112-121.	3.2	62
56	Clinical Implications of a Multiparametric Magnetic Resonance Imaging Based Nomogram Applied to Prostate Cancer Active Surveillance. <i>Journal of Urology</i> , 2015, 193, 1943-1949.	0.2	60
57	Imaging of urea using chemical exchange-dependent saturation transfer at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 745-748.	1.9	58
58	A Prospective Analysis of Plasma Endostatin Levels in Colorectal Cancer Patients With Liver Metastases. <i>Annals of Surgical Oncology</i> , 2001, 8, 741-745.	0.7	56
59	ACR Appropriateness Criteria® on Incidentally Discovered Adrenal Mass. <i>Journal of the American College of Radiology</i> , 2006, 3, 498-504.	0.9	54
60	Validation of PI-RADS Version 2 in Transition Zone Lesions for the Detection of Prostate Cancer. <i>Radiology</i> , 2018, 288, 485-491.	3.6	53
61	Very distal apical prostate tumours: identification on multiparametric MRI at 3 Tesla. <i>BJU International</i> , 2012, 110, E694-700.	1.3	52
62	Fully Automated Prostate Segmentation on MRI: Comparison With Manual Segmentation Methods and Specimen Volumes. <i>American Journal of Roentgenology</i> , 2013, 201, W720-W729.	1.0	52
63	Nanoparticles in sentinel lymph node mapping. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 610-623.	3.3	51
64	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> , 2020, 8, 345-355.	1.6	48
65	Near Infrared Photoimmunotherapy; A Review of Targets for Cancer Therapy. <i>Cancers</i> , 2021, 13, 2535.	1.7	47
66	Near-Infrared Photoimmunotherapy: Photoactivatable Antibody-Drug Conjugates (ADCs). <i>Bioconjugate Chemistry</i> , 2020, 31, 28-36.	1.8	45
67	Evaluation of Color Doppler Intraoperative Ultrasound in Parenchymal Sparing Renal Surgery. <i>Journal of Urology</i> , 1994, 152, 1984-1987.	0.2	44
68	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016, 7, 14324-14335.	0.8	42
69	⁶⁸ Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas – Imaging analysis and histological validation. <i>Radiotherapy and Oncology</i> , 2021, 160, 192-201.	0.3	40
70	Robotic System for MRI-Guided Focal Laser Ablation in the Prostate. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017, 22, 107-114.	3.7	39
71	Functional and Targeted Lymph Node Imaging in Prostate Cancer: Current Status and Future Challenges. <i>Radiology</i> , 2017, 285, 728-743.	3.6	38
72	Improved detection of germline mutations in the von Hippel-Lindau disease tumor suppressor gene. <i>Human Mutation</i> , 1998, 12, 417-423.	1.1	38

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73	Endoscopic near infrared photoimmunotherapy using a fiber optic diffuser for peritoneal dissemination of gastric cancer. <i>Cancer Science</i> , 2018, 109, 1902-1908.	1.7	37
74	MRI-Guided Robotically Assisted Focal Laser Ablation of the Prostate Using Canine Cadavers. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1434-1442.	2.5	36
75	Prostate Cancer. <i>American Journal of Roentgenology</i> , 2001, 176, 17-22.	1.0	35
76	The Effect of Antibody Fragments on CD25 Targeted Regulatory T Cell Near-Infrared Photoimmunotherapy. <i>Bioconjugate Chemistry</i> , 2019, 30, 2624-2633.	1.8	35
77	Posterior subcapsular prostate cancer: identification with mpMRI and MRI/TRUS fusion-guided biopsy. <i>Abdominal Imaging</i> , 2015, 40, 2557-2565.	2.0	34
78	Detection of prostate cancer in multiparametric MRI using random forest with instance weighting. <i>Journal of Medical Imaging</i> , 2017, 4, 024506.	0.8	33
79	Prostate Cancer: A Correlative Study of Multiparametric MR Imaging and Digital Histopathology. <i>Radiology</i> , 2017, 285, 147-156.	3.6	33
80	Assessment of Tumor Growth in Pancreatic Neuroendocrine Tumors in von Hippel Lindau Syndrome. <i>Journal of the American College of Surgeons</i> , 2014, 218, 163-169.	0.2	32
81	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> , 2015, 33, 425.e1-425.e6.	0.8	32
82	A Report of Familial Carotid Body Tumors and Multiple Extra-Adrenal Pheochromocytomas. <i>Journal of Urology</i> , 1991, 145, 1040-1042.	0.2	31
83	Imaging of hereditary renal cancer. <i>Radiologic Clinics of North America</i> , 2003, 41, 1037-1051.	0.9	30
84	Contrast Agents for Imaging Tumor Angiogenesis: Is Bigger Better?. <i>Radiology</i> , 2005, 235, 1-2.	3.6	27
85	Local Depletion of Immune Checkpoint Ligand CTLA4 Expressing Cells in Tumor Beds Enhances Antitumor Host Immunity. <i>Advanced Therapeutics</i> , 2021, 4, 2000269.	1.6	27
86	Radiologic evaluation of hematuria: guidelines from the American College of Radiology's appropriateness criteria. <i>American Family Physician</i> , 2008, 78, 347-52.	0.1	27
87	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> , 2016, 36, e235-e245.	1.8	26
88	Impact of bowel preparation with Fleet [™] enema on prostate MRI quality. <i>Abdominal Radiology</i> , 2020, 45, 4252-4259.	1.0	26
89	Clinical outcome of PSMA-guided radiotherapy for patients with oligorecurrent prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 143-151.	3.3	25
90	Evaluating Biochemically Recurrent Prostate Cancer: Histologic Validation of ¹⁸ F-DCFPyL PET/CT with Comparison to Multiparametric MRI. <i>Radiology</i> , 2020, 296, 564-572.	3.6	24

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91	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> , 2017, 8, 104295-104302.	0.8	24
92	Dynamic Enhanced Magnetic Resonance Imaging of Testicular Perfusion in the Rat. <i>Journal of Urology</i> , 1993, 149, 1195-1197.	0.2	23
93	MRI-based prostate volume-adjusted prostate-specific antigen in the diagnosis of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1733-1739.	1.9	23
94	¹⁸ F-DCFPyL Prostate-Specific Membrane Antigen-Targeted PET/CT Imaging in Localized Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2017, 42, 735-740.	0.7	23
95	Near-Infrared Photoimmunotherapy Combined with CTLA4 Checkpoint Blockade in Syngeneic Mouse Cancer Models. <i>Vaccines</i> , 2020, 8, 528.	2.1	23
96	Increased Immunogenicity of a Minimally Immunogenic Tumor after Cancer-Targeting Near Infrared Photoimmunotherapy. <i>Cancers</i> , 2020, 12, 3747.	1.7	23
97	Intratesticular masses associated with abnormally functioning adrenal glands. <i>Journal of Clinical Ultrasound</i> , 1992, 20, 51-58.	0.4	22
98	Prospective Evaluation of ¹⁸ F-DCFPyL PET/CT in Detection of High-Risk Localized Prostate Cancer: Comparison With mpMRI. <i>American Journal of Roentgenology</i> , 2020, 215, 652-659.	1.0	22
99	Advancement of MR and PET/MR in Prostate Cancer. <i>Seminars in Nuclear Medicine</i> , 2016, 46, 536-543.	2.5	21
100	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> , 2018, 24, 46-53.	0.7	21
101	New Targets for PET Molecular Imaging of Prostate Cancer. <i>Seminars in Nuclear Medicine</i> , 2019, 49, 326-336.	2.5	21
102	Near-infrared photoimmunotherapy targeting human-EGFR in a mouse tumor model simulating current and future clinical trials. <i>EBioMedicine</i> , 2021, 67, 103345.	2.7	21
103	Ferumoxide-enhanced MRI in patients with colorectal cancer and rising CEA: surgical correlation in early recurrence. <i>Magnetic Resonance Imaging</i> , 2000, 18, 305-309.	1.0	20
104	Simultaneously Combined Cancer Cell- and CTLA4-Targeted NIR-PIT Causes a Synergistic Treatment Effect in Syngeneic Mouse Models. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2262-2273.	1.9	20
105	Rapid Depletion of Intratumoral Regulatory T Cells Induces Synchronized CD8 T- and NK-cell Activation and IFN γ -Dependent Tumor Vessel Regression. <i>Cancer Research</i> , 2021, 81, 3092-3104.	0.4	20
106	Bolus-chase peripheral 3D MRA using a dual-rate contrast media injection. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 769-775.	1.9	19
107	Special Techniques for Imaging Blood Flow to Tumors. <i>Cancer Journal (Sudbury, Mass)</i> , 2002, 8, 109-118.	1.0	19
108	Ruling out clinically significant prostate cancer with negative multi-parametric MRI. <i>International Urology and Nephrology</i> , 2018, 50, 7-12.	0.6	19

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109	Near infrared photoimmunotherapy of cancer; possible clinical applications. <i>Nanophotonics</i> , 2021, 10, 3135-3151.	2.9	19
110	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> , 2018, 48, 1326-1335.	1.9	18
111	A multiparametric magnetic resonance imaging-based virtual reality surgical navigation tool for robotic-assisted radical prostatectomy. <i>Turkish Journal of Urology</i> , 2019, 45, 357-365.	1.3	18
112	The emerging role of molecular imaging and targeted therapeutics in peritoneal carcinomatosis. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 389-402.	2.4	17
113	Near-infrared photoimmunotherapy with galactosyl serum albumin in a model of diffuse peritoneal disseminated ovarian cancer. <i>Oncotarget</i> , 2016, 7, 79408-79416.	0.8	17
114	Hereditary Renal Tumor Syndromes: Update on Diagnosis and Management. <i>Seminars in Ultrasound, CT and MRI</i> , 2017, 38, 59-71.	0.7	16
115	From needles to numbers: can noninvasive imaging distinguish benign and malignant adrenal lesions?. <i>World Journal of Urology</i> , 1998, 16, 29-34.	1.2	15
116	Do Radiologists Have Stage Fright? Tumor Staging and How We Can Add Value to the Care of Patients with Cancer. <i>Radiology</i> , 2016, 278, 11-12.	3.6	15
117	PSEUDOTUMORS AFTER RENAL PARENCHYMAL SPARING SURGERY. <i>Journal of Urology</i> , 1998, 159, 1148-1151.	0.2	14
118	Science to Practice: Pilot Study of FPPRGD2 for Imaging $\alpha_5\beta_1$ Integrin? How Integral Are Integrins?. <i>Radiology</i> , 2011, 260, 1-2.	3.6	13
119	Novel Imaging of Prostate Cancer with MRI, MRI/US, and PET. <i>Current Oncology Reports</i> , 2015, 17, 56.	1.8	13
120	CD29 targeted near-infrared photoimmunotherapy (NIR-PIT) in the treatment of a pigmented melanoma model. <i>Oncolmmunology</i> , 2022, 11, 2019922.	2.1	13
121	Novel PET imaging methods for prostate cancer. <i>World Journal of Urology</i> , 2021, 39, 687-699.	1.2	12
122	Deep Learning Based Staging of Bone Lesions From Computed Tomography Scans. <i>IEEE Access</i> , 2021, 9, 87531-87542.	2.6	12
123	Future Perspectives and Challenges of Prostate MR Imaging. <i>Radiologic Clinics of North America</i> , 2018, 56, 327-337.	0.9	11
124	Quantitative MRI or Machine Learning for Prostate MRI: Which Should You Use?. <i>Radiology</i> , 2018, 289, 138-139.	3.6	11
125	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> , 2021, 299, 613-623.	3.6	11
126	Quantitative Image Quality Comparison of Reduced- and Standard-Dose Dual-Energy Multiphase Chest, Abdomen, and Pelvis CT. <i>Tomography</i> , 2017, 3, 114-122.	0.8	10

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127	Selection of antibody and light exposure regimens alters therapeutic effects of EGFR-targeted near-infrared photoimmunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 1877-1887.	2.0	9
128	Near-Infrared Photoimmunotherapy (NIR-PIT) in Urologic Cancers. <i>Cancers</i> , 2022, 14, 2996.	1.7	9
129	PARENCHYMAL SPARING SURGERY IN A PATIENT WITH MULTIPLE BILATERAL PAPILLARY RENAL CANCER. <i>Journal of Urology</i> , 2001, 165, 1623-1624.	0.2	8
130	MRI Robot for Prostate Focal Laser Ablation: An Ex Vivo Study in Human Prostate. <i>Journal of Imaging</i> , 2018, 4, 140.	1.7	8
131	Advances in Preclinical PET. <i>Seminars in Nuclear Medicine</i> , 2022, 52, 382-402.	2.5	8
132	Case 18: Adrenocorticotrophic Hormone-dependent Cushing Syndrome. <i>Radiology</i> , 2000, 214, 195-198.	3.6	7
133	Current Ability of Multiparametric Prostate Magnetic Resonance Imaging and Targeted Biopsy to Improve the Detection of Prostate Cancer. <i>Urology Practice</i> , 2014, 1, 13-21.	0.2	7
134	Translating a radiolabeled imaging agent to the clinic. <i>Advanced Drug Delivery Reviews</i> , 2022, 181, 114086.	6.6	6
135	Preferential arterial imaging using gated thick-slice gadolinium-enhanced phase-contrast acquisition in peripheral MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 714-721.	1.9	5
136	Can Imaging Gene Expression in Human Mesenchymal Stem Cells be Successful in Large Animals?. <i>Radiology</i> , 2009, 252, 1-3.	3.6	5
137	Nanoparticles: Take Only Pictures, Leave Only Footprints. <i>Science Translational Medicine</i> , 2014, 6, 260fs44.	5.8	5
138	In Vitro Performance of Published Glypican 3-Targeting Peptides TJ12P1 and L5 Indicates Lack of Specificity and Potency. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 498-503.	0.7	5
139	Can Molecular Imaging Measure T-cell Activation?. <i>Cancer Research</i> , 2020, 80, 2975-2976.	0.4	5
140	Multiparametric Magnetic Resonance Imaging for Active Surveillance of Prostate Cancer. <i>Balkan Medical Journal</i> , 2017, 34, 388-396.	0.3	5
141	With New Technology Comes Great Responsibility: Prostate-Specific Membrane Antigen Imaging in Recurrent Prostate Cancer. <i>Journal of Clinical Oncology</i> , 0, , .	0.8	5
142	Performance characteristics of a positron projection imager for mouse whole-body imaging. <i>Nuclear Medicine and Biology</i> , 2013, 40, 321-330.	0.3	4
143	Robot for Magnetic Resonance Imaging Guided Focal Prostate Laser Ablation1. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016, 10, .	0.4	4
144	The Bosniak Classification Gets Even Better. <i>Radiology</i> , 2020, 297, 606-607.	3.6	4

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145	Is It Possible to Quantify Fluorescence during Optical Endoscopy?. Radiology, 2007, 245, 307-308.	3.6	3
146	Commentary on "Computed Tomography in the Diagnosis of Adrenal Disease" and "Nonfunctioning Adrenal Masses: Incidental Discovery on Computed Tomography". American Journal of Roentgenology, 2009, 192, 568-570.	1.0	3
147	A Grading System for Extraprostatic Extension of Prostate Cancer That We Can All Agree Upon?. Radiology Imaging Cancer, 2020, 2, e190088.	0.7	3
148	Endoscopic Applications of Near-Infrared Photoimmunotherapy (NIR-PIT) in Cancers of the Digestive and Respiratory Tracts. Biomedicines, 2022, 10, 846.	1.4	3
149	Science to Practice: Angiogenic Marker Expression during Tumor Growth"Can Targeted US Microbubbles Help Monitor Molecular Changes in the Microvasculature?. Radiology, 2011, 258, 655-656.	3.6	2
150	Comparison of planar, PET and well-counter measurements of total tumor radioactivity in a mouse xenograft model. Nuclear Medicine and Biology, 2017, 53, 29-36.	0.3	2
151	Future applications of and prospects for near-IR photoimmunotherapy: benefits and differences compared with photodynamic and photothermal therapy. Immunotherapy, 2021, 13, 1305-1307.	1.0	2
152	Automated bolus chase peripheral MR angiography: Initial practical experiences and future directions of this work-in-progress. , 1999, 10, 376.		2
153	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. JNCI Cancer Spectrum, 2022, 6, .	1.4	2
154	Meeting the challenges of PET-based molecular imaging in cancer. Expert Review of Molecular Diagnostics, 2013, 13, 671-680.	1.5	1
155	Science to Practice: Imaging Cancer-associated Fibroblasts"No Innocent Bystanders. Radiology, 2013, 268, 617-618.	3.6	1
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