## Steven Larson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Circulating Tumor Cell Number and Prognosis in Progressive Castration-Resistant Prostate Cancer. Clinical Cancer Research, 2007, 13, 7053-7058.	7.0	608
2	Clinical translation of an ultrasmall inorganic optical-PET imaging nanoparticle probe. Science Translational Medicine, 2014, 6, 260ra149.	12.4	589
3	Multimodal silica nanoparticles are effective cancer-targeted probes in a model of human melanoma. Journal of Clinical Investigation, 2011, 121, 2768-2780.	8.2	558
4	Tumor Treatment Response Based on Visual and Quantitative Changes in Global Tumor Glycolysis Using PET-FDG Imaging The Visual Response Score and the Change in Total Lesion Glycolysis. Molecular Imaging and Biology, 1999, 2, 159-171.	0.3	516
5	Real-Time Prognosis for Metastatic Thyroid Carcinoma Based on 2-[18F]Fluoro-2-Deoxy-d-Glucose-Positron Emission Tomography Scanning. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 498-505.	3.6	513
6	Intensity of <sup>18</sup> Fluorodeoxyglucose Uptake in Positron Emission Tomography Distinguishes Between Indolent and Aggressive Non-Hodgkin's Lymphoma. Journal of Clinical Oncology, 2005, 23, 4643-4651.	1.6	462
7	Fluorescent Silica Nanoparticles with Efficient Urinary Excretion for Nanomedicine. Nano Letters, 2009, 9, 442-448.	9.1	441
8	Radioimmunotherapy of human tumours. Nature Reviews Cancer, 2015, 15, 347-360.	28.4	382
9	Segmentation of lung lesion volume by adaptive positron emission tomography image thresholding. Cancer, 1997, 80, 2505-2509.	4.1	377
10	<sup>89</sup> Zr-DFO-J591 for ImmunoPET of Prostate-Specific Membrane Antigen Expression In Vivo. Journal of Nuclear Medicine, 2010, 51, 1293-1300.	5.0	373
11	Preoperative characterisation of clear-cell renal carcinoma using iodine-124-labelled antibody chimeric G250 (124I-cG250) and PET in patients with renal masses: a phase I trial. Lancet Oncology, The, 2007, 8, 304-310.	10.7	370
12	Preoperative F-18 Fluorodeoxyglucose-Positron Emission Tomography Maximal Standardized Uptake Value Predicts Survival After Lung Cancer Resection. Journal of Clinical Oncology, 2004, 22, 3255-3260.	1.6	339
13	Whole Body18FDG-PET and the Response of Esophageal Cancer to Induction Therapy: Results of a Prospective Trial. Journal of Clinical Oncology, 2003, 21, 428-432.	1.6	338
14	Positron emission tomography for prostate, bladder, and renal cancer. Seminars in Nuclear Medicine, 2004, 34, 274-292.	4.6	312
15	Small-molecule MAPK inhibitors restore radioiodine incorporation in mouse thyroid cancers with conditional BRAF activation. Journal of Clinical Investigation, 2011, 121, 4700-4711.	8.2	305
16	Imaging the pharmacodynamics of HER2 degradation in response to Hsp90 inhibitors. Nature Biotechnology, 2004, 22, 701-706.	17.5	288
17	Noninvasive measurement of androgen receptor signaling with a positron-emitting radiopharmaceutical that targets prostate-specific membrane antigen. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9578-9582.	7.1	268
18	Affinity-based proteomics reveal cancer-specific networks coordinated by Hsp90. Nature Chemical Biology, 2011, 7, 818-826.	8.0	240

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19	Sequential Cytarabine and α-Particle Immunotherapy with Bismuth-213–Lintuzumab (HuM195) for Acute Myeloid Leukemia. Clinical Cancer Research, 2010, 16, 5303-5311.	7.0	234
20	The epichaperome is an integrated chaperome network that facilitates tumour survival. Nature, 2016, 538, 397-401.	27.8	233
21	Tumor localization of 16beta-18F-fluoro-5alpha-dihydrotestosterone versus 18F-FDG in patients with progressive, metastatic prostate cancer. Journal of Nuclear Medicine, 2004, 45, 366-73.	5.0	226
22	Phase I Study of ARN-509, a Novel Antiandrogen, in the Treatment of Castration-Resistant Prostate Cancer. Journal of Clinical Oncology, 2013, 31, 3525-3530.	1.6	223
23	The Progress and Promise of Molecular Imaging Probes in Oncologic Drug Development. Clinical Cancer Research, 2005, 11, 7967-7985.	7.0	219
24	Prognostic Significance of Extent of Disease in Bone in Patients With Androgen-Independent Prostate Cancer. Journal of Clinical Oncology, 1999, 17, 948-948.	1.6	218
25	2-[18F]Fluoro-2-Deoxyglucose Positron Emission Tomography for the Detection of Disease in Patients with Prostate-Specific Antigen Relapse after Radical Prostatectomy. Clinical Cancer Research, 2005, 11, 4761-4769.	7.0	210
26	Fluorinated deoxyglucose positron emission tomography imaging in progressive metastatic prostate cancer. Urology, 2002, 59, 913-918.	1.0	203
27	Positron Emission Tomography/Computed Tomography Identification of Clear Cell Renal Cell Carcinoma: Results From the REDECT Trial. Journal of Clinical Oncology, 2013, 31, 187-194.	1.6	201
28	Convection-enhanced delivery for diffuse intrinsic pontine glioma: a single-centre, dose-escalation, phase 1 trial. Lancet Oncology, The, 2018, 19, 1040-1050.	10.7	201
29	Phase I Trial of 17-Allylamino-17-Demethoxygeldanamycin in Patients with Advanced Cancer. Clinical Cancer Research, 2007, 13, 1775-1782.	7.0	198
30	Patient-specific dosimetry for 1311 thyroid cancer therapy using 124I PET and 3-dimensional-internal dosimetry (3D-ID) software. Journal of Nuclear Medicine, 2004, 45, 1366-72.	5.0	196
31	The CT motion quantitation of lung lesions and its impact on PET-measured SUVs. Journal of Nuclear Medicine, 2004, 45, 1287-92.	5.0	189
32	Segmentation of lung lesion volume by adaptive positron emission tomography image thresholding. Cancer, 1997, 80, 2505-2509.	4.1	174
33	A new parameter for measuring metastatic bone involvement by prostate cancer: the Bone Scan Index. Clinical Cancer Research, 1998, 4, 1765-72.	7.0	168
34	Vemurafenib Redifferentiation of <i>BRAF</i> Mutant, RAI-Refractory Thyroid Cancers. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1417-1428.	3.6	165
35	A Phase I/II Study for Analytic Validation of 89Zr-J591 ImmunoPET as a Molecular Imaging Agent for Metastatic Prostate Cancer. Clinical Cancer Research, 2015, 21, 5277-5285.	7.0	163
36	Bone Scan Index: A Quantitative Treatment Response Biomarker for Castration-Resistant Metastatic Prostate Cancer. Journal of Clinical Oncology, 2012, 30, 519-524.	1.6	162

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37	Phase I pharmacokinetic and biodistribution study with escalating doses of 223Ra-dichloride in men with castration-resistant metastatic prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1384-1393.	6.4	160
38	Extending Positron Emission Tomography Scan Utility to High-Risk Neuroblastoma: Fluorine-18 Fluorodeoxyglucose Positron Emission Tomography as Sole Imaging Modality in Follow-Up of Patients. Journal of Clinical Oncology, 2001, 19, 3397-3405.	1.6	159
39	Molecular imaging for personalized cancer care. Molecular Oncology, 2012, 6, 182-195.	4.6	150
40	Targeted alpha particle immunotherapy for myeloid leukemia. Blood, 2002, 100, 1233-9.	1.4	143
41	Detection of bony metastases of androgen-independent prostate cancer by PET-FDG. Nuclear Medicine and Biology, 1996, 23, 693-697.	0.6	140
42	Non-invasive mapping of deep-tissue lymph nodes in live animals using a multimodal PET/MRI nanoparticle. Nature Communications, 2014, 5, 3097.	12.8	139
43	Early tumor response to Hsp90 therapy using HER2 PET: comparison with 18F-FDG PET. Journal of Nuclear Medicine, 2006, 47, 793-6.	5.0	136
44	Prognostic Value of Baseline [18F] Fluorodeoxyglucose Positron Emission Tomography and 99mTc-MDP Bone Scan in Progressing Metastatic Prostate Cancer. Clinical Cancer Research, 2010, 16, 6093-6099.	7.0	130
45	89Zr-huJ591 immuno-PET imaging in patients with advanced metastatic prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2093-2105.	6.4	130
46	Quantitative imaging of iodine-124 with PET. Journal of Nuclear Medicine, 1996, 37, 1557-62.	5.0	130
47	Pharmacokinetics and dosimetry of an alpha-particle emitter labeled antibody: 213Bi-HuM195 (anti-CD33) in patients with leukemia. Journal of Nuclear Medicine, 1999, 40, 1935-46.	5.0	129
48	Empiric radioactive iodine dosing regimens frequently exceed maximum tolerated activity levels in elderly patients with thyroid cancer. Journal of Nuclear Medicine, 2006, 47, 1587-91.	5.0	127
49	Phase I/II study of iodine 131-labeled monoclonal antibody A33 in patients with advanced colon cancer Journal of Clinical Oncology, 1994, 12, 1561-1571.	1.6	125
50	FDG-PET standardized uptake values in normal anatomical structures using iterative reconstruction segmented attenuation correction and filtered back-projection. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 155-164.	2.1	124
51	Fluorodeoxyglucose Positron Emission Tomography as an Outcome Measure for Castrate Metastatic Prostate Cancer Treated with Antimicrotubule Chemotherapy. Clinical Cancer Research, 2005, 11, 3210-3216.	7.0	122
52	Integrated Positron Emission Tomography/Computed Tomography May Render Bone Scintigraphy Unnecessary to Investigate Suspected Metastatic Breast Cancer. Journal of Clinical Oncology, 2010, 28, 3154-3159.	1.6	121
53	Pilot Trial of Unlabeled and Indium-111–Labeled Anti–Prostate-Specific Membrane Antigen Antibody J591 for Castrate Metastatic Prostate Cancer. Clinical Cancer Research, 2005, 11, 7454-7461.	7.0	120
54	Radiographic Progression-Free Survival As a Response Biomarker in Metastatic Castration-Resistant Prostate Cancer: COU-AA-302 Results. Journal of Clinical Oncology, 2015, 33, 1356-1363.	1.6	120

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55	Preoperative 18[F]-Fluorodeoxyglucose Positron Emission Tomography Standardized Uptake Values Predict Survival After Esophageal Adenocarcinoma Resection. Annals of Thoracic Surgery, 2006, 81, 1076-1081.	1.3	118
56	Phase I/II radioimmunotherapy trial with iodine-131-labeled monoclonal antibody G250 in metastatic renal cell carcinoma. Clinical Cancer Research, 1998, 4, 2729-39.	7.0	118
57	First-in-Human Imaging with <sup>89</sup> Zr-Df-IAB2M Anti-PSMA Minibody in Patients with Metastatic Prostate Cancer: Pharmacokinetics, Biodistribution, Dosimetry, and Lesion Uptake. Journal of Nuclear Medicine, 2016, 57, 1858-1864.	5.0	116
58	<i>EGFR</i> and <i>MET</i> Amplifications Determine Response to HER2 Inhibition in <i>ERBB2</i> -Amplified Esophagogastric Cancer. Cancer Discovery, 2019, 9, 199-209.	9.4	115
59	N7: A novel multi-modality therapy of high risk neuroblastoma (NB) in children diagnosed over 1 year of age. Medical and Pediatric Oncology, 2001, 36, 227-230.	1.0	114
60	Pharmacokinetic Assessment of the Uptake of 16β- <sup>18</sup> F-Fluoro-5α-Dihydrotestosterone (FDHT) in Prostate Tumors as Measured by PET. Journal of Nuclear Medicine, 2010, 51, 183-192.	5.0	113
61	Use of PET to monitor the response of lung cancer to radiation treatment. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 861-866.	6.4	108
62	Clinical Outcomes and Molecular Profile of Differentiated Thyroid Cancers With Radioiodine-Avid Distant Metastases. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E829-E836.	3.6	108
63	Split-Dose Technique for FDG PET/CT–guided Percutaneous Ablation: A Method to Facilitate Lesion Targeting and to Provide Immediate Assessment of Treatment Effectiveness. Radiology, 2013, 268, 288-295.	7.3	107
64	[18F]-2-Fluoro-2-Deoxy-D-Glucose Positron Emission Tomography Localizes Residual Thyroid Cancer in Patients with Negative Diagnostic 1311 Whole Body Scans and Elevated Serum Thyroglobulin Levels. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2291-2302.	3.6	103
65	Cytoreduction with iodine-131-anti-CD33 antibodies before bone marrow transplantation for advanced myeloid leukemias. Bone Marrow Transplantation, 2003, 32, 549-556.	2.4	102
66	The Effect of Posttherapy <sup>131</sup> I SPECT/CT on Risk Classification and Management of Patients with Differentiated Thyroid Cancer. Journal of Nuclear Medicine, 2010, 51, 1361-1367.	5.0	102
67	Molecular Imaging of EGFR Kinase Activity in Tumors with 124I-Labeled Small Molecular Tracer and Positron Emission Tomography. Molecular Imaging and Biology, 2006, 8, 262-277.	2.6	98
68	Pharmacokinetics, Biodistribution, and Radiation Dosimetry for <sup>89</sup> Zr-Trastuzumab in Patients with Esophagogastric Cancer. Journal of Nuclear Medicine, 2018, 59, 161-166.	5.0	96
69	Biodistribution and Dosimetry of <sup>18</sup> F-Meta-Fluorobenzylguanidine: A First-in-Human PET/CT Imaging Study of Patients with Neuroendocrine Malignancies. Journal of Nuclear Medicine, 2018, 59, 147-153.	5.0	96
70	Positron Emission Tomography/Computed Tomography–Based Assessments of Androgen Receptor Expression and Glycolytic Activity as a Prognostic Biomarker for Metastatic Castration-Resistant Prostate Cancer. JAMA Oncology, 2018, 4, 217.	7.1	93
71	Phase I Study of Samarium-153 Lexidronam With Docetaxel in Castration-Resistant Metastatic Prostate Cancer. Journal of Clinical Oncology, 2009, 27, 2436-2442.	1.6	92
72	Bone Metastases in Castration-Resistant Prostate Cancer: Associations between Morphologic CT Patterns, Glycolytic Activity, and Androgen Receptor Expression on PET and Overall Survival. Radiology, 2014, 271, 220-229.	7.3	88

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73	Bone-Seeking Radiopharmaceuticals for Treatment of Osseous Metastases, Part 1: α Therapy with <sup>223</sup> Ra-Dichloride. Journal of Nuclear Medicine, 2014, 55, 268-274.	5.0	86
74	<sup>124</sup> I-huA33 Antibody PET of Colorectal Cancer. Journal of Nuclear Medicine, 2011, 52, 1173-1180.	5.0	85
75	Humanized Affinity-matured Monoclonal Antibody 8H9 Has Potent Antitumor Activity and Binds to FG Loop of Tumor Antigen B7-H3. Journal of Biological Chemistry, 2015, 290, 30018-30029.	3.4	84
76	Validation and clinical utility of prostate cancer biomarkers. Nature Reviews Clinical Oncology, 2013, 10, 225-234.	27.6	83
77	Chemically Treated Activated Carbon Cloths for Removal of Volatile Organic Carbons from Gas Streams: Evidence for Enhanced Physical Adsorption. Environmental Science & Technology, 1995, 29, 1876-1880.	10.0	81
78	PET scanning of iodine-124-3F9 as an approach to tumor dosimetry during treatment planning for radioimmunotherapy in a child with neuroblastoma. Journal of Nuclear Medicine, 1992, 33, 2020-3.	5.0	79
79	Antibody Mass Escalation Study in Patients with Castration-Resistant Prostate Cancer Using <sup>111</sup> In-J591: Lesion Detectability and Dosimetric Projections for <sup>90</sup> Y Radioimmunotherapy. Journal of Nuclear Medicine, 2008, 49, 1066-1074.	5.0	76
80	The Results of Selective Use of Radioactive lodine on Survival and on Recurrence in the Management of Papillary Thyroid Cancer, Based on Memorial Sloan-Kettering Cancer Center Risk Group Stratification. Thyroid, 2013, 23, 683-694.	4.5	75
81	Phase I Evaluation of J591 as a Vascular Targeting Agent in Progressive Solid Tumors. Clinical Cancer Research, 2007, 13, 2707-2713.	7.0	73
82	A Prospective Pilot Study of <sup>89</sup> Zr-J591/Prostate Specific Membrane Antigen Positron Emission Tomography in Men with Localized Prostate Cancer Undergoing Radical Prostatectomy. Journal of Urology, 2014, 191, 1439-1445.	0.4	73
83	Recurrent patterns of DNA copy number alterations in tumors reflect metabolic selection pressures. Molecular Systems Biology, 2017, 13, 914.	7.2	73
84	Radiation Dose Assessment for I-131 Therapy of Thyroid Cancer Using I-124 PET Imaging. Molecular Imaging and Biology, 1999, 2, 41-46.	0.3	71
85	Positron emission tomography in thyroid cancer management. Seminars in Roentgenology, 2002, 37, 169-174.	0.6	70
86	<sup>18</sup> F-FDG PET/CT for the Prediction and Detection of Local Recurrence After Radiofrequency Ablation of Malignant Lung Lesions. Journal of Nuclear Medicine, 2010, 51, 1833-1840.	5.0	68
87	Imaging Androgen Receptor Signaling with a Radiotracer Targeting Free Prostate-Specific Antigen. Cancer Discovery, 2012, 2, 320-327.	9.4	68
88	Pilot study of 68Ga-DOTA-F(ab′)2-trastuzumab in patients with breast cancer. Nuclear Medicine Communications, 2013, 34, 1157-1165.	1.1	68
89	3′-Deoxy-3′-[18F]Fluorothymidine Positron Emission Tomography Is a Sensitive Method for Imaging the Response of BRAF-Dependent Tumors to MEK Inhibition. Cancer Research, 2007, 67, 11463-11469.	0.9	66
90	Pairwise comparison of 89Zr- and 124I-labeled cG250 based on positron emission tomography imaging and nonlinear immunokinetic modeling: in vivo carbonic anhydrase IX receptor binding and internalization in mouse xenografts of clear-cell renal cell carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 985-994.	6.4	65

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91	Feasibility and Predictability of Perioperative PET and Estrogen Receptor Ligand in Patients with Invasive Breast Cancer. Journal of Nuclear Medicine, 2013, 54, 1697-1702.	5.0	64
92	Indium 111-labeled J591 anti-PSMA antibody for vascular targeted imaging in progressive solid tumors. EJNMMI Research, 2015, 5, 28.	2.5	63
93	Repeatability of Quantitative <sup>18</sup> F-NaF PET: A Multicenter Study. Journal of Nuclear Medicine, 2016, 57, 1872-1879.	5.0	62
94	Bone Metastases From Thyroid Carcinoma. Archives of Pathology and Laboratory Medicine, 2000, 124, 1440-1447.	2.5	61
95	PET-based radiation dosimetry in man of 18F-fluorodihydrotestosterone, a new radiotracer for imaging prostate cancer. Journal of Nuclear Medicine, 2004, 45, 1966-71.	5.0	61
96	Radiopharmacology of a simplifield technetium-99m-colloid preparation for photoscanning. Journal of Nuclear Medicine, 1966, 7, 817-26.	5.0	59
97	Prediction of absorbed dose to normal organs in thyroid cancer patients treated with 1311 by use of 1241 PET and 3-dimensional internal dosimetry software. Journal of Nuclear Medicine, 2007, 48, 143-9.	5.0	59
98	Molecular imaging of prostate cancer. Current Opinion in Urology, 2012, 22, 320-327.	1.8	56
99	18F-FDG PET as a candidate for "qualified biomarker": functional assessment of treatment response in oncology. Journal of Nuclear Medicine, 2006, 47, 901-3.	5.0	56
100	Standardized uptake value by positron emission tomography/computed tomography as a prognostic variable in metastatic breast cancer. Cancer, 2012, 118, 5454-5462.	4.1	55
101	Prognostic value of quantitative fluorodeoxyglucose measurements in newly diagnosed metastatic breast cancer. Cancer Medicine, 2013, 2, 725-733.	2.8	54
102	Single chain antigen binding protein (sFv CC49). Cancer, 1997, 80, 2458-2468.	4.1	52
103	Preclinical Evaluation of Multistep Targeting of Diasialoganglioside GD2 Using an IgG-scFv Bispecific Antibody with High Affinity for GD2 and DOTA Metal Complex. Molecular Cancer Therapeutics, 2014, 13, 1803-1812.	4.1	52
104	Quantitative Assessment of Early [ <sup>18</sup> F]Sodium Fluoride Positron Emission Tomography/Computed Tomography Response to Treatment in Men With Metastatic Prostate Cancer to Bone. Journal of Clinical Oncology, 2017, 35, 2829-2837.	1.6	52
105	An iterative technique to segment PET lesions using a Monte Carlo based mathematical model. Medical Physics, 2009, 36, 4803-4809.	3.0	51
106	Quantitative Imaging of Yttrium-86 with PET The Occurrence and Correction of Anomalous Apparent Activity in High Density Regions. Molecular Imaging and Biology, 2000, 3, 85-90.	0.3	50
107	Targeting of small-cell lung cancer using the anti-GD2 ganglioside monoclonal antibody 3F8: A pilot trial. European Journal of Nuclear Medicine and Molecular Imaging, 1996, 23, 145-149.	2.1	49
108	Developing imaging strategies for castration resistant prostate cancer. Acta OncolÃ <sup>3</sup> gica, 2011, 50, 39-48.	1.8	48

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109	Radioimmunology. Imaging and therapy. Cancer, 1991, 67, 1253-1260.	4.1	47
110	Differential Metabolism and Pharmacokinetics of ?-[1-11C]-Methionine and 2-[18F] Fluoro-2-deoxy-?-glucose (FDG) in Androgen Independent Prostate Cancer. Molecular Imaging and Biology, 1999, 2, 173-181.	0.3	47
111	<sup>124</sup> I-huA33 Antibody Uptake Is Driven by A33 Antigen Concentration in Tissues from Colorectal Cancer Patients Imaged by Immuno-PET. Journal of Nuclear Medicine, 2011, 52, 1878-1885.	5.0	47
112	Practical Approach for Comparative Analysis of Multilesion Molecular Imaging Using a Semiautomated Program for PET/CT. Journal of Nuclear Medicine, 2011, 52, 1727-1732.	5.0	46
113	A phase II study of radioimmunotherapy with intraventricular <sup>131</sup> lâ€3F8 for medulloblastoma. Pediatric Blood and Cancer, 2018, 65, e26754.	1.5	46
114	Global Trends in Hybrid Imaging. Radiology, 2010, 257, 498-506.	7.3	44
115	Murine and humanized constructs of monoclonal antibody m195 (anti-cd33) for the therapy of acute myelogenous leukemia. Cancer, 1994, 73, 1049-1056.	4.1	43
116	Determination of the elemental distribution in cigarette components and smoke by instrumental neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1997, 217, 77-82.	1.5	43
117	Targeted radioimmunotherapy for leptomeningeal cancer using131I-3F8. Medical and Pediatric Oncology, 2000, 35, 716-718.	1.0	43
118	Preclinical radioimmunotargeting of folate receptor alpha using the monoclonal antibody conjugate DOTA–MORAb-003. Nuclear Medicine and Biology, 2008, 35, 343-351.	0.6	42
119	Prospective Study of 3â€2-Deoxy-3â€2- <sup>18</sup> F-Fluorothymidine PET for Early Interim Response Assessment in Advanced-Stage B-Cell Lymphoma. Journal of Nuclear Medicine, 2016, 57, 728-734.	5.0	41
120	Single-chain Fv-streptavidin substantially improved therapeutic index in multistep targeting directed at disialoganglioside GD2. Journal of Nuclear Medicine, 2004, 45, 867-77.	5.0	41
121	Paradigms for Precision Medicine in Epichaperome Cancer Therapy. Cancer Cell, 2019, 36, 559-573.e7.	16.8	40
122	Pretargeted radioimmunotherapy with a single-chain antibody/streptavidin construct and radiolabeled DOTA-biotin: strategies for reduction of the renal dose. Journal of Nuclear Medicine, 2006, 47, 140-9.	5.0	39
123	Evaluation of Elemental Cadmium as a Marker for Environmental Tobacco Smoke. Environmental Science & Technology, 1995, 29, 2311-2316.	10.0	38
124	Population pharmacokinetics of antifibroblast activation protein monoclonal antibody F19 in cancer patients. British Journal of Clinical Pharmacology, 2001, 51, 177-180.	2.4	38
125	Synthesis and Biological Evaluation of a Fluorine-18 Derivative of Dasatinib. Journal of Medicinal Chemistry, 2007, 50, 5853-5857.	6.4	38
126	Theranostic pretargeted radioimmunotherapy of colorectal cancer xenografts in mice using picomolar affinity 86Y- or 177Lu-DOTA-Bn binding scFv C825/GPA33 IgG bispecific immunoconjugates. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 925-937.	6.4	38

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127	lmaging Patients with Metastatic Castration-Resistant Prostate Cancer Using <sup>89</sup> Zr-DFO-MSTP2109A Anti-STEAP1 Antibody. Journal of Nuclear Medicine, 2019, 60, 1517-1523.	5.0	38
128	Thallium-201 scintigraphy for the evaluation of tumor response to preoperative chemotherapy in patients with osteosarcoma. , 1997, 80, 1507-1512.		37
129	Automated Bone Scan Index as a quantitative imaging biomarker in metastatic castration-resistant prostate cancer patients being treated with enzalutamide. EJNMMI Research, 2016, 6, 23.	2.5	37
130	Feed-forward alpha particle radiotherapy ablates androgen receptor-addicted prostate cancer. Nature Communications, 2018, 9, 1629.	12.8	37
131	Theranostic Concepts: More Than Just a Fashion Trend—Introduction and Overview. Journal of Nuclear Medicine, 2017, 58, 1S-2S.	5.0	36
132	Curative Multicycle Radioimmunotherapy Monitored by Quantitative SPECT/CT-Based Theranostics, Using Bispecific Antibody Pretargeting Strategy in Colorectal Cancer. Journal of Nuclear Medicine, 2017, 58, 1735-1742.	5.0	36
133	Antibody with Infinite Affinity for In Vivo Tracking of Genetically Engineered Lymphocytes. Journal of Nuclear Medicine, 2018, 59, 1894-1900.	5.0	36
134	Monitoring the Clinical Outcomes in Advanced Prostate Cancer: What Imaging Modalities and Other Markers Are Reliable?. Seminars in Oncology, 2013, 40, 375-392.	2.2	34
135	Disialoganglioside GD2 loss following monoclonal antibody therapy is rare in neuroblastoma. Medical and Pediatric Oncology, 2001, 36, 194-196.	1.0	33
136	Advances in positron emission tomography applications for urologic cancers. Current Opinion in Urology, 2008, 18, 65-70.	1.8	33
137	PET quantification with a histogram derived total activity metric: Superior quantitative consistency compared to total lesion glycolysis with absolute or relative SUV thresholds in phantoms and lung cancer patients. Nuclear Medicine and Biology, 2014, 41, 410-418.	0.6	33
138	Clinical radioimmunodetection, 1978-1988: overview and suggestions for standardization of clinical trials. Cancer Research, 1990, 50, 892s-898s.	0.9	33
139	Targeting of radiolabeled J591 antibody to PSMA-expressing tumors: optimization of imaging and therapy based on non-linear compartmental modeling. EJNMMI Research, 2016, 6, 7.	2.5	32
140	Theranostic pretargeted radioimmunotherapy of internalizing solid tumor antigens in human tumor xenografts in mice: Curative treatment of HER2-positive breast carcinoma. Theranostics, 2018, 8, 5106-5125.	10.0	32
141	2-18F-Fluoropropionic Acid as a PET Imaging Agent for Prostate Cancer. Journal of Nuclear Medicine, 2009, 50, 1709-1714.	5.0	31
142	A Preanalytic Validation Study of Automated Bone Scan Index: Effect on Accuracy and Reproducibility Due to the Procedural Variabilities in Bone Scan Image Acquisition. Journal of Nuclear Medicine, 2016, 57, 1865-1871.	5.0	31
143	Improved tumor imaging and therapy via i.v. IgC–mediated time-sequential modulation of neonatal Fc receptor. Journal of Clinical Investigation, 2007, 117, 2422-2430.	8.2	31
144	Radiofrequency Ablation of Non-Small-Cell Carcinoma of the Lung Under Real-Time FDG PET CT Guidance. CardioVascular and Interventional Radiology, 2011, 34, 182-185.	2.0	30

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145	Biodistribution and Dosimetry of Intraventricularly Administered <sup>124</sup> I-Omburtamab in Patients with Metastatic Leptomeningeal Tumors. Journal of Nuclear Medicine, 2019, 60, 1794-1801.	5.0	29
146	Everolimus combined with gefitinib in patients with metastatic castrationâ€resistant prostate cancer: Phase 1/2 results and signaling pathway implications. Cancer, 2015, 121, 3853-3861.	4.1	27
147	Phase I Trial of the Targeted Alpha-Particle Nano-Generator Actinium-225 (225Ac)-Lintuzumab (Anti-CD33; HuM195) in Acute Myeloid Leukemia (AML). Blood, 2011, 118, 768-768.	1.4	27
148	Positron Emission Tomography/Computerized Tomography Functional Imaging of Esophageal and Colorectal Cancer. Cancer Journal (Sudbury, Mass ), 2004, 10, 243-250.	2.0	26
149	Repeatability of SUV measurements in serial PET. Medical Physics, 2011, 38, 2629-2638.	3.0	26
150	Pharmacokinetics and Biodistribution of a [ <sup>89</sup> Zr]Zr-DFO-MSTP2109A Anti-STEAP1 Antibody in Metastatic Castration-Resistant Prostate Cancer Patients. Molecular Pharmaceutics, 2019, 16, 3083-3090.	4.6	26
151	Alpha radioimmunotherapy using <sup>225</sup> Ac-proteus-DOTA for solid tumors - safety at curative doses. Theranostics, 2020, 10, 11359-11375.	10.0	26
152	A simple strategy to reduce the salivary gland and kidney uptake of PSMA-targeting small molecule radiopharmaceuticals. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2642-2651.	6.4	26
153	Comparison of the targeting characteristics of various radioimmunoconjugates for radioimmunotherapy of neuroblastoma: Dosimetry calculations incorporating cross-organ beta doses. Nuclear Medicine and Biology, 1996, 23, 1-8.	0.6	25
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