

Roger Schibli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

8,677
citations

46
h-index

87
g-index

196
ext. papers

9,636
ext. citations

5.7
avg, IF

6.02
L-index

#	Paper	IF	Citations
187	Role of sex hormones in modulating myocardial perfusion and coronary flow reserve.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	0
186	Design and Evaluation of Novel Albumin-Binding Folate Radioconjugates: Systematic Approach of Varying the Linker Entities.. <i>Molecular Pharmaceutics</i> , 2022 , 19, 963-973	5.6	0
185	Discovery, synthesis and evaluation of novel reversible monoacylglycerol lipase radioligands bearing a morpholine-3-one scaffold.. <i>Nuclear Medicine and Biology</i> , 2022 , 108-109, 24-32	2.1	0
184	Terbium radionuclides for theranostics 2021 ,		
183	In vivo Imaging of Cannabinoid Type 2 Receptors: Functional and Structural Alterations in Mouse Model of Cerebral Ischemia by PET and MRI. <i>Molecular Imaging and Biology</i> , 2021 , 1	3.8	3
182	Combination of terbium-161 with somatostatin receptor antagonists-a potential paradigm shift for the treatment of neuroendocrine neoplasms. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	2
181	Production of Mass-Separated Erbium-169 Towards the First Preclinical Investigations. <i>Frontiers in Medicine</i> , 2021 , 8, 643175	4.9	7
180	Simultaneous Visualization of Tb- and Lu-Labeled Somatostatin Analogues Using Dual-Isotope SPECT Imaging. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
179	Novel Synthetic Strategies Enable the Efficient Development of Folate Conjugates for Cancer Radiotheranostics. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1617-1628	6.3	1
178	Preclinical evaluation of 5-methyltetrahydrofolate-based radioconjugates-new perspectives for folate receptor-targeted radionuclide therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 972-983	8.8	4
177	In Vivo Imaging of Local Inflammation: Monitoring LPS-Induced CD80/CD86 Upregulation by PET. <i>Molecular Imaging and Biology</i> , 2021 , 23, 196-207	3.8	5
176	Promising potential of [Lu]Lu-DOTA-folate to enhance tumor response to immunotherapy-a preclinical study using a syngeneic breast cancer model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 984-994	8.8	4
175	Identification of a PET Radiotracer for Imaging of the Folate Receptor- A Potential Tool to Select Patients for Targeted Tumor Therapy. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1475-1481	8.9	3
174	Tauvid- The First FDA-Approved PET Tracer for Imaging Tau Pathology in Alzheimer's Disease. <i>Pharmaceutics</i> , 2021 , 14,	5.2	8
173	First-in-Humans Application of Tb: A Feasibility Study Using Tb-DOTATOC. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1391-1397	8.9	17
172	1,5-Disubstituted 1,2,3-Triazoles as Amide Bond Isosteres Yield Novel Tumor-Targeting Minigastrin Analogs. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 585-592	4.3	3
171	Impact of the mouse model and molar amount of injected ligand on the tissue distribution profile of PSMA radioligands. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	4

170	Albumin-Binding PSMA Radioligands: Impact of Minimal Structural Changes on the Tissue Distribution Profile. <i>Molecules</i> , 2020 , 25,	4.8	4
169	Evaluation of 5H-Thiazolo[3,2- <i>b</i>]pyrimidin-5-ones as Potential GluN2A PET Tracers. <i>ChemMedChem</i> , 2020 , 15, 2448-2461	3.7	1
168	Er: A new candidate for Auger electron therapy and its possible cyclotron production from natural holmium targets. <i>Applied Radiation and Isotopes</i> , 2020 , 159, 109079	1.7	5
167	L1 Cell Adhesion Molecule Confers Radioresistance to Ovarian Cancer and Defines a New Cancer Stem Cell Population. <i>Cancers</i> , 2020 , 12,	6.6	15
166	[¹⁸ F]Flurpiridaz: Facile and Improved Precursor Synthesis for this Next-Generation Cardiac Positron Emission Tomography Imaging Agent. <i>ChemMedChem</i> , 2020 , 15, 1040-1043	3.7	1
165	Triazolo-Peptidomimetics: Novel Radiolabeled Minigastrin Analogs for Improved Tumor Targeting. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 4484-4495	8.3	10
164	Radiation dosimetry of F-AzaFol: A first in-human use of a folate receptor PET tracer. <i>EJNMMI Research</i> , 2020 , 10, 32	3.6	11
163	[¹¹ C]mHED PET follows a two-tissue compartment model in mouse myocardium with norepinephrine transporter (NET)-dependent uptake, while [¹⁸ F]LMI1195 uptake is NET-independent. <i>EJNMMI Research</i> , 2020 , 10, 114	3.6	3
162	Neuroimaging with Radiopharmaceuticals Targeting the Glutamatergic System. <i>Chimia</i> , 2020 , 74, 960-967	7.3	2
161	Targeted Radiotherapeutics from Bench-to-Bedside. <i>Chimia</i> , 2020 , 74, 939-945	1.3	2
160	Single Photon Emission Computed Tomography Tracer. <i>Recent Results in Cancer Research</i> , 2020 , 216, 227-282	1.5	2
159	Chemoselective F-incorporation into pyridyl acyltrifluoroborates for rapid radiolabelling of peptides and proteins at room temperature. <i>Chemical Communications</i> , 2020 , 56, 723-726	5.8	9
158	Development of a new class of PSMA radioligands comprising ibuprofen as an albumin-binding entity. <i>Theranostics</i> , 2020 , 10, 1678-1693	12.1	19
157	The A/T/N model applied through imaging biomarkers in a memory clinic. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 247-255	8.8	9
156	Pharmacological inhibition of mTORC1 increases CCKBR-specific tumor uptake of radiolabeled minigastrin analogue [¹⁷⁷ Lu]Lu-PP-F11N. <i>Theranostics</i> , 2020 , 10, 10861-10873	12.1	1
155	Distance-Dependent Cellular Uptake of Oligoproline-Based Homobivalent Ligands Targeting GPCRs-An Experimental and Computational Analysis. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2431-2438	6.3	0
154	Evaluation of Actinium-225 Labeled Minigastrin Analogue [Ac]Ac-DOTA-PP-F11N for Targeted Alpha Particle Therapy. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
153	Can Nuclear Imaging of Activated Macrophages with Folic Acid-Based Radiotracers Serve as a Prognostic Means to Identify COVID-19 Patients at Risk?. <i>Pharmaceutics</i> , 2020 , 13,	5.2	6

152	Cholecystokinin 2 Receptor Agonist Lu-PP-F11N for Radionuclide Therapy of Medullary Thyroid Carcinoma: Results of the Lumed Phase 0a Study. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 520-526	8.9	21
151	Design of Radiolabeled Analogs of Minigastrin by Multiple Amide-to-Triazole Substitutions. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 4496-4505	8.3	9
150	Production and characterization of no-carrier-added Tb as an alternative to the clinically-applied Lu for radionuclide therapy. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019 , 4, 12	5.8	32
149	Radiation dosimetry of [F]-PSS232-a PET radioligand for imaging mGlu5 receptors in humans. <i>EJNMMI Research</i> , 2019 , 9, 56	3.6	1
148	Combination of Proton Therapy and Radionuclide Therapy in Mice: Preclinical Pilot Study at the Paul Scherrer Institute. <i>Pharmaceutics</i> , 2019 , 11,	6.4	2
147	Therapeutic Potential of Sc in Comparison to Lu and Y: Preclinical Investigations. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
146	Recent progress in allosteric modulators for GluN2A subunit and development of GluN2A-selective nuclear imaging probes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019 , 62, 552-560	1.9	4
145	Terbium-161 for PSMA-targeted radionuclide therapy of prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1919-1930	8.8	61
144	Targeted Cu-labeled gold nanoparticles for dual imaging with positron emission tomography and optical imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019 , 62, 471-482	1.9	12
143	Implementation of a new separation method to produce qualitatively improved Cu. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019 , 62, 460-470	1.9	7
142	Diastereomerically Pure 6- and 6-3PAza-2PF-Fluoro-5-Methyltetrahydrofolates Show Unprecedentedly High Uptake in Folate Receptor-Positive KB Tumors. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 135-141	8.9	4
141	Synthesis and Structure-Affinity Relationship of Small Molecules for Imaging Human CD80 by Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 8090-8100	8.3	4
140	Preclinical investigations and first-in-human application of Tb-PSMA-617 for PET/CT imaging of prostate cancer. <i>EJNMMI Research</i> , 2019 , 9, 68	3.6	27
139	Alpha-PET for Prostate Cancer: Preclinical investigation using Tb-PSMA-617. <i>Scientific Reports</i> , 2019 , 9, 17800	4.9	30
138	F-AzaFol for Detection of Folate Receptor-Positive Macrophages in Experimental Interstitial Lung Disease-A Proof-of-Concept Study. <i>Frontiers in Immunology</i> , 2019 , 10, 2724	8.4	16
137	Elucidating the Structure-Activity Relationship of the Pentaglutamic Acid Sequence of Minigastrin with Cholecystokinin Receptor Subtype 2. <i>Bioconjugate Chemistry</i> , 2019 , 30, 657-666	6.3	8
136	Preclinical Development of Novel PSMA-Targeting Radioligands: Modulation of Albumin-Binding Properties To Improve Prostate Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2297-2306	5.6	60
135	Reduced F-Folate Conjugates as a New Class of PET Tracers for Folate Receptor Imaging. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1119-1130	6.3	7

134	Albumin-Binding PSMA Ligands: Optimization of the Tissue Distribution Profile. <i>Molecular Pharmaceutics</i> , 2018 , 15, 934-946	5.6	74
133	Evaluation of 4-oxo-quinoline-based CB2 PET radioligands in R6/2 chorea huntington mouse model and human ALS spinal cord tissue. <i>European Journal of Medicinal Chemistry</i> , 2018 , 145, 746-759	6.8	18
132	Physiologically Based Pharmacokinetic Modelling with Dynamic PET Data to Study the Effects of Transporter Inhibition on Hepatobiliary Clearance in Mice. <i>Contrast Media and Molecular Imaging</i> , 2018 , 2018, 5849047	3.2	6
131	Combining Albumin-Binding Properties and Interaction with Pemetrexed to Improve the Tissue Distribution of Radiofolates. <i>Molecules</i> , 2018 , 23,	4.8	5
130	Unexpected reactivity of cyclic perfluorinated iodanes with electrophiles. <i>Chemical Communications</i> , 2018 , 54, 8999-9002	5.8	3
129	Radiosynthesis and evaluation of an F-labeled silicon containing exendin-4 peptide as a PET probe for imaging insulinoma. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018 , 3, 1	5.8	10
128	Evaluation of C-Me-NB1 as a Potential PET Radioligand for Measuring GluN2B-Containing NMDA Receptors, Drug Occupancy, and Receptor Cross Talk. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 698-703	8.9	31
127	A first-in-man PET study of [F]PSS232, a fluorinated ABP688 derivative for imaging metabotropic glutamate receptor subtype 5. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 1041-1051	8.8	12
126	Combination of lutetium-177 labelled anti-L1CAM antibody chCE7 with the clinically relevant protein kinase inhibitor MK1775: a novel combination against human ovarian carcinoma. <i>BMC Cancer</i> , 2018 , 18, 922	4.8	8
125	Design and Preclinical Evaluation of an Albumin-Binding PSMA Ligand for Cu-Based PET Imaging. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5556-5564	5.6	19
124	Ketamine and Ceftriaxone-Induced Alterations in Glutamate Levels Do Not Impact the Specific Binding of Metabotropic Glutamate Receptor Subtype 5 Radioligand [F]PSS232 in the Rat Brain. <i>Pharmaceutics</i> , 2018 , 11,	5.2	4
123	Alpha-PET with terbium-149: evidence and perspectives for radiotheragnostics. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017 , 1, 5	5.8	47
122	Sc for labeling of DOTA- and NODAGA-functionalized peptides: preclinical in vitro and in vivo investigations. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017 , 1, 8	5.8	42
121	Preclinical Comparison of Albumin-Binding Radiofolates: Impact of Linker Entities on the in Vitro and in Vivo Properties. <i>Molecular Pharmaceutics</i> , 2017 , 14, 523-532	5.6	31
120	Cannabinoid receptor type 2 (CB2) as one of the candidate genes in human carotid plaque imaging: Evaluation of the novel radiotracer [C]RS-016 targeting CB2 in atherosclerosis. <i>Nuclear Medicine and Biology</i> , 2017 , 47, 31-43	2.1	21
119	Sc-PSMA-617 for radiotheragnostics in tandem with Lu-PSMA-617-preclinical investigations in comparison with Ga-PSMA-11 and Ga-PSMA-617. <i>EJNMMI Research</i> , 2017 , 7, 9	3.6	104
118	GABA receptor subtypes in the mouse brain: Regional mapping and diazepam receptor occupancy by in vivo [F]flumazenil PET. <i>NeuroImage</i> , 2017 , 150, 279-291	7.9	11
117	First-in-Human PET/CT Imaging of Metastatic Neuroendocrine Neoplasms with Cyclotron-Produced Sc-DOTATOC: A Proof-of-Concept Study. <i>Cancer Biotherapy and Radiopharmaceutics</i> , 2017 , 32, 124-132 ^{3,9}	3.9	41

116	Synthesis and Biological Evaluation of Quinoxaline Derivatives for PET Imaging of the NMDA Receptor. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700204	2	3
115	Towards Translational ImmunoPET/MR Imaging of Invasive Pulmonary Aspergillosis: The Humanised Monoclonal Antibody JF5 Detects Lung Infections. <i>Theranostics</i> , 2017 , 7, 3398-3414	12.1	41
114	Clinical evaluation of the radiolanthanide terbium-152: first-in-human PET/CT with Tb-DOTATOC. <i>Dalton Transactions</i> , 2017 , 46, 14638-14646	4.3	41
113	Therapeutic Radiometals Beyond Lu and Y: Production and Application of Promising β Particle, β Particle, and Auger Electron Emitters. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 91S-96S	8.9	43
112	Dual, Site-Specific Modification of Antibodies by Using Solid-Phase Immobilized Microbial Transglutaminase. <i>ChemBioChem</i> , 2017 , 18, 1923-1927	3.8	34
111	Sc as useful β emitter for the radiotheragnostic paradigm: a comparative study of feasible production routes. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017 , 2, 5	5.8	37
110	CD80 Is Upregulated in a Mouse Model with Shear Stress-Induced Atherosclerosis and Allows for Evaluating CD80-Targeting PET Tracers. <i>Molecular Imaging and Biology</i> , 2017 , 19, 90-99	3.8	9
109	Evaluation of the first Sc-labeled Affibody molecule for imaging of HER2-expressing tumors. <i>Nuclear Medicine and Biology</i> , 2017 , 45, 15-21	2.1	22
108	A Short-Term Biological Indicator for Long-Term Kidney Damage after Radionuclide Therapy in Mice. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	6
107	Folate Receptor-Positive Gynecological Cancer Cells: In Vitro and In Vivo Characterization. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	46
106	Preclinical imaging of the co-stimulatory molecules CD80 and CD86 with indium-111-labeled belatacept in atherosclerosis. <i>EJNMMI Research</i> , 2016 , 6, 1	3.6	16
105	Contribution of Auger/conversion electrons to renal side effects after radionuclide therapy: preclinical comparison of (161)Tb-folate and (177)Lu-folate. <i>EJNMMI Research</i> , 2016 , 6, 13	3.6	37
104	Inhibition of MNK pathways enhances cancer cell response to chemotherapy with temozolomide and targeted radionuclide therapy. <i>Cellular Signalling</i> , 2016 , 28, 1412-21	4.9	33
103	Comparative Studies of Three Pairs of β and β Conjugated Folic Acid Derivatives Labeled with Fluorine-18. <i>Bioconjugate Chemistry</i> , 2016 , 27, 74-86	6.3	20
102	Imaging quality of (44)Sc in comparison with five other PET radionuclides using Derenzo phantoms and preclinical PET. <i>Applied Radiation and Isotopes</i> , 2016 , 110, 129-133	1.7	33
101	Synthesis and Biological Evaluation of Thiophene-Based Cannabinoid Receptor Type 2 Radiotracers for PET Imaging. <i>Frontiers in Neuroscience</i> , 2016 , 10, 350	5.1	18
100	Novel chemoselective (18)F-radiolabeling of thiol-containing biomolecules under mild aqueous conditions. <i>Chemical Communications</i> , 2016 , 52, 6083-6	5.8	31
99	(64)Cu- and (68)Ga-Based PET Imaging of Folate Receptor-Positive Tumors: Development and Evaluation of an Albumin-Binding NODAGA-Folate. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1979-87	5.6	33

98	Preclinical evaluation and test-retest studies of [(18)F]PSS232, a novel radioligand for targeting metabotropic glutamate receptor 5 (mGlu5). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 128-37	8.8	25
97	Microbial transglutaminase and c-myc-tag: a strong couple for the functionalization of antibody-like protein scaffolds from discovery platforms. <i>ChemBioChem</i> , 2015 , 16, 861-7	3.8	21
96	Folate receptor-targeted radionuclide therapy: preclinical investigation of anti-tumor effects and potential radionephropathy. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 770-9	2.1	33
95	Regional cerebral blood flow estimated by early PiB uptake is reduced in mild cognitive impairment and associated with age in an amyloid-dependent manner. <i>Neurobiology of Aging</i> , 2015 , 36, 1619-1628	5.6	27
94	Evaluation of a Novel Tc-99m Labelled Vitamin B12 Derivative for Targeting Escherichia coli and Staphylococcus aureus In Vitro and in an Experimental Foreign-Body Infection Model. <i>Molecular Imaging and Biology</i> , 2015 , 17, 829-37	3.8	9
93	Quantitative positron emission tomography of mGluR5 in rat brain with [(18) F]PSS232 at minimal invasiveness and reduced model complexity. <i>Journal of Neurochemistry</i> , 2015 , 133, 330-42	6	21
92	Antibody Conjugates: From Heterogeneous Populations to Defined Reagents. <i>Antibodies</i> , 2015 , 4, 197-224	7.4	71
91	Evaluation of the radiolabeled boronic acid-based FAP inhibitor MIP-1232 for atherosclerotic plaque imaging. <i>Molecules</i> , 2015 , 20, 2081-99	4.8	23
90	Longitudinal in vivo evaluation of bone regeneration by combined measurement of multi-pinhole SPECT and micro-CT for tissue engineering. <i>Scientific Reports</i> , 2015 , 5, 10238	4.9	21
89	Cyclotron production of (44)Sc: From bench to bedside. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 745-51	2.1	66
88	Dosimetry and first clinical evaluation of the new 18F-radiolabeled bombesin analogue BAY 864367 in patients with prostate cancer. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 372-8	8.9	55
87	Investigation of the chick embryo as a potential alternative to the mouse for evaluation of radiopharmaceuticals. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 226-33	2.1	12
86	Evaluation of ¹¹¹ In-labelled exendin-4 derivatives containing different meprin B-specific cleavable linkers. <i>PLoS ONE</i> , 2015 , 10, e0123443	3.7	15
85	Direct in vitro and in vivo comparison of (161)Tb and (177)Lu using a tumour-targeting folate conjugate. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 41, 476-85	8.8	63
84	Towards non-invasive imaging of vulnerable atherosclerotic plaques by targeting co-stimulatory molecules. <i>International Journal of Cardiology</i> , 2014 , 174, 503-15	3.2	29
83	Anti-L1CAM radioimmunotherapy is more effective with the radiolanthanide terbium-161 compared to lutetium-177 in an ovarian cancer model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 41, 1907-15	8.8	41
82	Promising prospects for 44Sc-/47Sc-based theragnostics: application of 47Sc for radionuclide tumor therapy in mice. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1658-64	8.9	127
81	Transglutaminase-based chemo-enzymatic conjugation approach yields homogeneous antibody-drug conjugates. <i>Bioconjugate Chemistry</i> , 2014 , 25, 569-78	6.3	180

80	A comparison of three (67/68)Ga-labelled exendin-4 derivatives for cell imaging on the GLP-1 receptor: the influence of the conjugation site of NODAGA as chelator. <i>EJNMMI Research</i> , 2014 , 4, 31	3.6	26
79	Imaging Atherosclerotic Plaque Inflammation via Folate Receptor Targeting Using a Novel 18F-Folate Radiotracer. <i>Molecular Imaging</i> , 2014 , 13, 7290.2013.00074	3.7	27
78	Paclitaxel improved anti-L1CAM lutetium-177 radioimmunotherapy in an ovarian cancer xenograft model. <i>EJNMMI Research</i> , 2014 , 4, 54	3.6	12
77	Folate receptor targeted alpha-therapy using terbium-149. <i>Pharmaceuticals</i> , 2014 , 7, 353-65	5.2	51
76	Synthesis and Preliminary Evaluation of a 2-Oxoquinoline Carboxylic Acid Derivative for PET Imaging the Cannabinoid Type 2 Receptor. <i>Pharmaceuticals</i> , 2014 , 7, 339-52	5.2	13
75	Future prospects for SPECT imaging using the radiolanthanide terbium-155 - production and preclinical evaluation in tumor-bearing mice. <i>Nuclear Medicine and Biology</i> , 2014 , 41 Suppl, e58-65	2.1	39
74	Gene expression levels of matrix metalloproteinases in human atherosclerotic plaques and evaluation of radiolabeled inhibitors as imaging agents for plaque vulnerability. <i>Nuclear Medicine and Biology</i> , 2014 , 41, 562-9	2.1	34
73	Imaging atherosclerotic plaque inflammation via folate receptor targeting using a novel 18F-folate radiotracer. <i>Molecular Imaging</i> , 2014 , 13, 1-11	3.7	18
72	FDG kinetic modeling in small rodent brain PET: optimization of data acquisition and analysis. <i>EJNMMI Research</i> , 2013 , 3, 61	3.6	9
71	Enzymatic antibody modification by bacterial transglutaminase. <i>Methods in Molecular Biology</i> , 2013 , 1045, 205-15	1.4	10
70	Synthesis and in vitro/in vivo pharmacological evaluation of [11C]-ThioABP, a novel radiotracer for imaging mGluR5 with PET. <i>MedChemComm</i> , 2013 , 4, 520	5	2
69	Radiosynthesis and preclinical evaluation of 3PAza-2P[(18)F]fluorofolic acid: a novel PET radiotracer for folate receptor targeting. <i>Bioconjugate Chemistry</i> , 2013 , 24, 205-14	6.3	38
68	Single photon emission computed tomography tracer. <i>Recent Results in Cancer Research</i> , 2013 , 187, 65-105	10.5	19
67	Promises of cyclotron-produced 44Sc as a diagnostic match for trivalent emitters: in vitro and in vivo study of a 44Sc-DOTA-folate conjugate. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 2168-74	8.9	80
66	DOTA conjugate with an albumin-binding entity enables the first folic acid-targeted 177Lu-radionuclide tumor therapy in mice. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 124-31	8.9	110
65	Prospects in folate receptor-targeted radionuclide therapy. <i>Frontiers in Oncology</i> , 2013 , 3, 249	5.3	55
64	Quantification of brain glucose metabolism by 18F-FDG PET with real-time arterial and image-derived input function in mice. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 132-8	8.9	40
63	DOTA-functionalized polylysine: a high number of DOTA chelates positively influences the biodistribution of enzymatic conjugated anti-tumor antibody chCE7agl. <i>PLoS ONE</i> , 2013 , 8, e60350	3.7	21

62	18F-Radiolabeling of Aromatic Compounds Using Triarylsulfonium Salts. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 889-892	3.2	72
61	Radioimmunotherapy of fibroblast activation protein positive tumors by rapidly internalizing antibodies. <i>Clinical Cancer Research</i> , 2012 , 18, 6208-18	12.9	55
60	Radioiodinated folic acid conjugates: evaluation of a valuable concept to improve tumor-to-background contrast. <i>Molecular Pharmaceutics</i> , 2012 , 9, 1213-21	5.6	26
59	Synthesis and evaluation of novel β -fluorinated (E)-3-((6-methylpyridin-2-yl)ethynyl)cyclohex-2-enone-O-methyl oxime (ABP688) derivatives as metabotropic glutamate receptor subtype 5 PET radiotracers. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 5454-5462	8.3	5
58	A unique matched quadruplet of terbium radioisotopes for PET and SPECT and for α and β radionuclide therapy: an in vivo proof-of-concept study with a new receptor-targeted folate derivative. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 1951-9	8.9	134
57	PEGylation, increasing specific activity and multiple dosing as strategies to improve the risk-benefit profile of targeted radionuclide therapy with ^{177}Lu -DOTA-bombesin analogues. <i>EJNMMI Research</i> , 2012 , 2, 24	3.6	14
56	L1-CAM-targeted antibody therapy and (^{177}Lu)-radioimmunotherapy of disseminated ovarian cancer. <i>International Journal of Cancer</i> , 2012 , 130, 2715-21	7.5	29
55	Folate Receptor-Targeted Radionuclide Imaging Agents 2011 , 65-92		2
54	Tumor targeting using ^{67}Ga -DOTA-Bz-folate--investigations of methods to improve the tissue distribution of radiofolates. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 715-23	2.1	38
53	The low-energy β^- and electron emitter (^{161}Tb) as an alternative to (^{177}Lu) for targeted radionuclide therapy. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 917-24	2.1	94
52	PEGylation of ($^{99\text{m}}\text{Tc}$)-labeled bombesin analogues improves their pharmacokinetic properties. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 997-1009	2.1	28
51	Radiolabeling of rituximab with (^{188}Re) and ($^{99\text{m}}\text{Tc}$) using the tricarbonyl technology. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 19-28	2.1	23
50	Imaging of activated macrophages in experimental osteoarthritis using folate-targeted animal single-photon-emission computed tomography/computed tomography. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1898-907		50
49	Folic acid conjugates for nuclear imaging of folate receptor-positive cancer. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 1-4	8.9	121
48	Metal chelating systems synthesized using the copper(I) catalyzed azide-alkyne cycloaddition. <i>Dalton Transactions</i> , 2010 , 39, 675-96	4.3	328
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