

Victor W Pike

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1931965/publications.pdf>

Version: 2024-02-01

313
papers

14,720
citations

15466

65
h-index

30010

103
g-index

322
all docs

322
docs citations

322
times ranked

9744
citing authors

#	ARTICLE	IF	CITATIONS
1	PET radiotracers: crossing the blood-brain barrier and surviving metabolism. Trends in Pharmacological Sciences, 2009, 30, 431-440.	4.0	483
2	Chemistry with [¹⁸ F]Fluoride Ion. European Journal of Organic Chemistry, 2008, 2008, 2853-2873.	1.2	413
3	Mixed-Affinity Binding in Humans with 18-kDa Translocator Protein Ligands. Journal of Nuclear Medicine, 2011, 52, 24-32.	2.8	330
4	In vivo radioligand binding to translocator protein correlates with severity of Alzheimer's disease. Brain, 2013, 136, 2228-2238.	3.7	280
5	Tracer Kinetic Modeling of the 5-HT _{1A} Receptor Ligand [carbonyl- ¹¹ C]WAY-100635 for PET. NeuroImage, 1998, 8, 426-440.	2.1	267
6	Comparison of [¹¹ C]-(R)-PK 11195 and [¹¹ C]PBR28, two radioligands for translocator protein (18 kDa) in human and monkey: Implications for positron emission tomographic imaging of this inflammation biomarker. NeuroImage, 2010, 49, 2924-2932.	2.1	237
7	A Genetic Polymorphism for Translocator Protein 18 Kda Affects both <i>in Vitro</i> and <i>in Vivo</i> Radioligand Binding in Human Brain to this Putative Biomarker of Neuroinflammation. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 53-58.	2.4	207
8	Exquisite delineation of 5-HT _{1A} receptors in human brain with PET and [carbonyl- ¹¹ C]WAY-100635. European Journal of Pharmacology, 1996, 301, R5-R7.	1.7	204
9	Kinetic analysis in healthy humans of a novel positron emission tomography radioligand to image the peripheral benzodiazepine receptor, a potential biomarker for inflammation. NeuroImage, 2008, 40, 43-52.	2.1	193
10	Cerebellum Can Serve As a Pseudo-Reference Region in Alzheimer Disease to Detect Neuroinflammation Measured with PET Radioligand Binding to Translocator Protein. Journal of Nuclear Medicine, 2015, 56, 701-706.	2.8	183
11	Synthesis and Evaluation in Monkey of Two Sensitive ¹¹ C-Labeled Aryloxyanilide Ligands for Imaging Brain Peripheral Benzodiazepine Receptors <i>In Vivo</i> . Journal of Medicinal Chemistry, 2008, 51, 17-30.	2.9	178
12	Reactions of cyclotron-produced [¹⁸ F]fluoride with diaryliodonium salts—a novel single-step route to no-carrier-added [¹⁸ F]fluoroarenes. Journal of the Chemical Society Chemical Communications, 1995, , 2215-2216.	2.0	168
13	Synthesis of the enantiomers of [N-methyl- ¹¹ C]PK 11195 and comparison of their behaviours as radioligands for PK binding sites in rats. Nuclear Medicine and Biology, 1994, 21, 573-581.	0.3	164
14	Consensus nomenclature rules for radiopharmaceutical chemistry—Setting the record straight. Nuclear Medicine and Biology, 2017, 55, v-xi.	0.3	162
15	PET imaging with [¹¹ C]PBR28 can localize and quantify upregulated peripheral benzodiazepine receptors associated with cerebral ischemia in rat. Neuroscience Letters, 2007, 411, 200-205.	1.0	158
16	The α -Specific P-Glycoprotein Inhibitor Tariquidar Is Also a Substrate and an Inhibitor for Breast Cancer Resistance Protein (BCRP/ABCG2). ACS Chemical Neuroscience, 2011, 2, 82-89.	1.7	153
17	Fast and High-Yield Microreactor Syntheses of <i>ortho</i> -Substituted [¹⁸ F]Fluoroarenes from Reactions of [¹⁸ F]Fluoride Ion with Diaryliodonium Salts. Journal of Organic Chemistry, 2010, 75, 3332-3338.	1.7	149
18	Considerations in the Development of Reversibly Binding PET Radioligands for Brain Imaging. Current Medicinal Chemistry, 2016, 23, 1818-1869.	1.2	149

#	ARTICLE	IF	CITATIONS
19	¹¹ C-ER176, a Radioligand for 18-kDa Translocator Protein, Has Adequate Sensitivity to Robustly Image All Three Affinity Genotypes in Human Brain. <i>Journal of Nuclear Medicine</i> , 2017, 58, 320-325.	2.8	146
20	Persistent Dopamine Functions of Neurons Derived from Embryonic Stem Cells in a Rodent Model of Parkinson Disease. <i>Stem Cells</i> , 2007, 25, 918-928.	1.4	139
21	⁵ HT radioligands for human brain imaging with PET and SPECT. <i>Medicinal Research Reviews</i> , 2013, 33, 54-111.	5.0	138
22	Radiation Dosimetry and Biodistribution in Monkey and Man of ¹¹ C-PBR28: A PET Radioligand to Image Inflammation. <i>Journal of Nuclear Medicine</i> , 2007, 48, 2072-2079.	2.8	136
23	¹¹ C-PBR28 binding to translocator protein increases with progression of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 44, 53-61.	1.5	135
24	PET imaging of the dopamine transporter with ¹⁸ F-FECNT: a polar radiometabolite confounds brain radioligand measurements. <i>Journal of Nuclear Medicine</i> , 2006, 47, 520-7.	2.8	135
25	P-Glycoprotein Function at the Blood-Brain Barrier in Humans Can Be Quantified with the Substrate Radiotracer ¹¹ C-N-Desmethyl-Loperamide. <i>Journal of Nuclear Medicine</i> , 2010, 51, 559-566.	2.8	128
26	Recommendations for fluorine-18 production. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1991, 42, 749-762.	0.5	126
27	Radioligand Development for PET Imaging of β -Amyloid (A β)-Current Status. <i>Current Medicinal Chemistry</i> , 2007, 14, 19-52.	1.2	126
28	Brain and whole-body imaging in nonhuman primates of [¹¹ C]PBR28, a promising PET radioligand for peripheral benzodiazepine receptors. <i>NeuroImage</i> , 2008, 39, 1289-1298.	2.1	126
29	Neuroinflammation in Temporal Lobe Epilepsy Measured Using Positron Emission Tomographic Imaging of Translocator Protein. <i>JAMA Neurology</i> , 2015, 72, 882.	4.5	126
30	Remotely-controlled production of the 5-HT1A receptor radioligand, [carbonyl- ¹¹ C]WAY-100635, via ¹¹ C-carboxylation of an immobilized Grignard reagent. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1996, 38, 941-953.	0.5	117
31	New synthesis of diaryliodonium sulfonates from arylboronic acids. <i>Tetrahedron Letters</i> , 2000, 41, 5393-5396.	0.7	115
32	Imaging the GABA-Benzodiazepine Receptor Subtype Containing the α 5-Subunit In Vivo with [¹¹ C]Ro15 4513 Positron Emission Tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 878-889.	2.4	113
33	The Inhibitor Ko143 Is Not Specific for ABCG2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 384-393.	1.3	113
34	The synthesis of [¹⁸ F]fluoroarenes from the reaction of cyclotron-produced [¹⁸ F]fluoride ion with diaryliodonium salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2043-2046.	0.9	108
35	PET evaluation of novel radiofluorinated reboxetine analogs as norepinephrine transporter probes in the monkey brain. <i>Synapse</i> , 2004, 53, 57-67.	0.6	105
36	Small effect of dopamine release and no effect of dopamine depletion on [¹⁸ F]fallypride binding in healthy humans. <i>Synapse</i> , 2008, 62, 399-408.	0.6	104

#	ARTICLE	IF	CITATIONS
37	First delineation of 5-HT _{1A} receptors in human brain with PET and [¹¹ C]WAY-100635. <i>European Journal of Pharmacology</i> , 1995, 283, R1-R3.	1.7	103
38	Pre- and post-synaptic dopamine imaging and its relation with frontostriatal cognitive function in Parkinson disease: PET studies with [¹¹ C]NNC 112 and [¹⁸ F]FDOPA. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 171-182.	0.9	102
39	Syntheses of ¹¹ C- and ¹⁸ F-labeled carboxylic esters within a hydrodynamically-driven micro-reactor. <i>Lab on A Chip</i> , 2004, 4, 523.	3.1	101
40	Characterization of the radioactive metabolites of the 5-HT _{1A} receptor radioligand, [O-methyl- ¹¹ C]WAY-100635, in monkey and human plasma by HPLC: Comparison of the behaviour of an identified radioactive metabolite with parent radioligand in monkey using PET. <i>Nuclear Medicine and Biology</i> , 1996, 23, 627-634.	0.3	98
41	Translocator Protein PET Imaging for Glial Activation in Multiple Sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 354-361.	2.1	98
42	Cu ^I -Catalyzed ¹¹ C-Labelled Carboxylation of Boronic Acid Esters: A Rapid and Convenient Entry to ¹¹ C-Labelled Carboxylic Acids, Esters, and Amides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2698-2702.	7.2	96
43	Characterisation of the Appearance of Radioactive Metabolites in Monkey and Human Plasma from the 5-HT _{1A} Receptor Radioligand, [carbonyl- ¹¹ C]WAY-100635: Explanation of High Signal Contrast in PET and an Aid to Biomathematical Modelling. <i>Nuclear Medicine and Biology</i> , 1998, 25, 215-223.	0.3	91
44	Synthesis and Evaluation of Two ¹⁸ F-Labeled 6-Iodo-2-(4-(N,N-dimethylamino)phenylimidazo[1,2-a]pyridine Derivatives as Prospective Radioligands for β -Amyloid in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2208-2218.	2.9	91
45	Imaging and Quantitation of Cannabinoid CB ₁ Receptors in Human and Monkey Brains Using ¹⁸ F-Labeled Inverse Agonist Radioligands. <i>Journal of Nuclear Medicine</i> , 2010, 51, 112-120.	2.8	91
46	Synthesis and Evaluation of Translocator 18 kDa Protein (TSPO) Positron Emission Tomography (PET) Radioligands with Low Binding Sensitivity to Human Single Nucleotide Polymorphism rs6971. <i>ACS Chemical Neuroscience</i> , 2014, 5, 963-971.	1.7	91
47	Increased In Vivo Expression of an Inflammatory Marker in Temporal Lobe Epilepsy. <i>Journal of Nuclear Medicine</i> , 2012, 53, 234-240.	2.8	90
48	Regional cerebral opioid receptor studies with [¹¹ C]diprenorphine in normal volunteers. <i>Journal of Neuroscience Methods</i> , 1988, 23, 121-129.	1.3	89
49	Fluoridation of heteroaromatic iodonium salts: experimental evidence supporting theoretical prediction of the selectivity of the process. <i>Chemical Communications</i> , 2000, , 649-650.	2.2	89
50	¹¹ C-Loperamide and Its N-Desmethyl Radiometabolite Are Avid Substrates for Brain Permeability-Glycoprotein Efflux. <i>Journal of Nuclear Medicine</i> , 2008, 49, 649-656.	2.8	88
51	Quantitation of cannabinoid CB ₁ receptors in healthy human brain using positron emission tomography and an inverse agonist radioligand. <i>NeuroImage</i> , 2009, 48, 362-370.	2.1	86
52	Single-Step High-Yield Radiosynthesis and Evaluation of a Sensitive ¹⁸ F-Labeled Ligand for Imaging Brain Peripheral Benzodiazepine Receptors with PET. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 688-699.	2.9	85
53	Positron-emitting radioligands for studies in vivo-probes for human psychopharmacology. <i>Journal of Psychopharmacology</i> , 1993, 7, 139-158.	2.0	81
54	Effect of 5-HT on binding of [¹¹ C] WAY 100635 to 5-HT _{1A} receptors in rat brain, assessed using in vivo microdialysis and PET after fenfluramine. <i>Synapse</i> , 2001, 41, 150-159.	0.6	80

#	ARTICLE	IF	CITATIONS
55	Synthesis and Evaluation of [¹¹ C]-N-methyl-N-Desmethyl-loperamide as a New and Improved PET Radiotracer for Imaging P-gp Function. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6034-6043.	2.9	80
56	The PET Radioligand [¹¹ C]MePPEP Binds Reversibly and with High Specific Signal to Cannabinoid CB1 Receptors in Nonhuman Primate Brain. <i>Neuropsychopharmacology</i> , 2008, 33, 259-269.	2.8	80
57	Comparison of four ¹¹ C-labeled PET ligands to quantify translocator protein 18 kDa (TSPO) in human brain: (R)-PK11195, PBR28, DPA-713, and ER176 based on recent publications that measured specific-to-non-displaceable ratios. <i>EJNMMI Research</i> , 2017, 7, 84.	1.1	80
58	D2 dopamine receptor internalization prolongs the decrease of radioligand binding after amphetamine: A PET study in a receptor internalization-deficient mouse model. <i>NeuroImage</i> , 2010, 50, 1402-1407.	2.1	77
59	Quantification of Translocator Protein (18 kDa) in the Human Brain with PET and a Novel Radioligand, [¹⁸ F]-F-PBR06. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1047-1053.	2.8	75
60	Specific in vivo binding to the norepinephrine transporter demonstrated with the PET radioligand, (S,S)-[¹¹ C]MeNER. <i>Nuclear Medicine and Biology</i> , 2003, 30, 707-714.	0.3	74
61	Synthesis of [¹⁸ F]Fallypride in a Micro-Reactor: Rapid Optimization and Multiple-Production in Small Doses for Micro-PET Studies. <i>Current Radiopharmaceuticals</i> , 2009, 2, 49-55.	0.3	74
62	Synthesis and Simple ¹⁸ F-Labeling of 3-Fluoro-5-(2-(2-(fluoromethyl)thiazol-4-yl)ethynyl)benzotrile as a High Affinity Radioligand for Imaging Monkey Brain Metabotropic Glutamate Subtype-5 Receptors with Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3256-3266.	2.9	72
63	Facile synthesis of substituted diaryliodonium tosylates by treatment of aryltributylstannanes with Koser's reagent. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 245-248.	0.9	69
64	Effect of a P-glycoprotein inhibitor, cyclosporin A, on the disposition in rodent brain and blood of the 5-HT1A receptor radioligand, [¹¹ C](R)-(¹)-RWAY. <i>Synapse</i> , 2007, 61, 96-105.	0.6	69
65	Synthesis, Ex Vivo Evaluation, and Radiolabeling of Potent 1,5-Diphenylpyrrolidin-2-one Cannabinoid Subtype-1 Receptor Ligands as Candidates for In Vivo Imaging. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5833-5842.	2.9	69
66	Serotonin-1A receptors in major depression quantified using PET: Controversies, confounds, and recommendations. <i>NeuroImage</i> , 2012, 59, 3243-3251.	2.1	69
67	Kinetic evaluation in nonhuman primates of two new PET ligands for peripheral benzodiazepine receptors in brain. <i>Synapse</i> , 2007, 61, 595-605.	0.6	68
68	Distribution of 5-HT4 receptors in the postmortem human brain—an autoradiographic study using [¹²⁵ I]SB 207710. <i>European Neuropsychopharmacology</i> , 2003, 13, 228-234.	0.3	67
69	A convenient one-pot procedure for the synthesis of 2-aryl quinazolines using active MnO ₂ as oxidant. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1240-1245.	1.4	67
70	PET-characterization of [¹¹ C]WAY-100635 binding to 5-HT 1A receptors in the primate brain. <i>Psychopharmacology</i> , 1997, 133, 196-202.	1.5	65
71	Brain and Whole-Body Imaging of Nociceptin/Orphanin FQ Peptide Receptor in Humans Using the PET Ligand [¹¹ C]-NOP-1A. <i>Journal of Nuclear Medicine</i> , 2012, 53, 385-392.	2.8	65
72	Post-mortem human brain autoradiography of the norepinephrine transporter using (S,S)-[¹⁸ F]FMeNER-D2. <i>European Neuropsychopharmacology</i> , 2005, 15, 517-520.	0.3	64

#	ARTICLE	IF	CITATIONS
73	P-Glycoprotein Function at the Blood-Brain Barrier Imaged Using ¹¹ C-N-Desmethyl-Loperamide in Monkeys. <i>Journal of Nuclear Medicine</i> , 2009, 50, 108-115.	2.8	64
74	Synthesis and Evaluation of Radioligands for Imaging Brain Nociceptin/Orphanin FQ Peptide (NOP) Receptors with Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2687-2700.	2.9	62
75	Human Brain Imaging and Radiation Dosimetry of ¹¹ C-N-Desmethyl-Loperamide, a PET Radiotracer to Measure the Function of P-Glycoprotein. <i>Journal of Nuclear Medicine</i> , 2009, 50, 807-813.	2.8	61
76	Fluoxetine Administered to Juvenile Monkeys: Effects on the Serotonin Transporter and Behavior. <i>American Journal of Psychiatry</i> , 2014, 171, 323-331.	4.0	61
77	Downregulation of Brain Phosphodiesterase Type IV Measured with ¹¹ C-(R)-Rolipram Positron Emission Tomography in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2012, 72, 548-554.	0.7	60
78	Metabotropic Glutamate Subtype 5 Receptors Are Quantified in the Human Brain with a Novel Radioligand for PET. <i>Journal of Nuclear Medicine</i> , 2008, 49, 2042-2048.	2.8	57
79	Influence of alcoholism and cholesterol on TSPO binding in brain: PET [¹¹ C]PBR28 studies in humans and rodents. <i>Neuropsychopharmacology</i> , 2018, 43, 1832-1839.	2.8	57
80	Synthesis of a [6- Pyridinyl - ¹⁸ F]-labelled fluoro derivative of WAY-100635 as a candidate radioligand for brain 5-HT 1A receptor imaging with PET. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2769-2782.	1.4	56
81	Identification and regional distribution in rat brain of radiometabolites of the dopamine transporter PET radioligand [¹¹ C]PE2I. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 667-678.	3.3	55
82	Rapid and Efficient Radiosyntheses of <i>meta</i> -Substituted [¹⁸ F]Fluoroarenes from [¹⁸ F]Fluoride Ion and Diaryliodonium Tosylates within a Microreactor. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4439-4447.	1.2	55
83	[carbonyl - ¹¹ C]Desmethyl-WAY-100635 (DWAY) is a potent and selective radioligand for central 5-HT 1A receptors in vitro and in vivo. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998, 25, 338-346.	3.3	54
84	Syntheses of mGluR5 PET radioligands through the radiofluorination of diaryliodonium tosylates. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6629.	1.5	54
85	Evaluation of [¹¹ C]GB67, a novel radioligand for imaging myocardial β 1-adrenoceptors with positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 7-17.	2.2	53
86	Disulfiram Inhibits Defluorination of ¹⁸ F-FCWAY, Reduces Bone Radioactivity, and Enhances Visualization of Radioligand Binding to Serotonin 5-HT1A Receptors in Human Brain. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1154-1161.	2.8	52
87	¹¹ C-DPA-713 has much greater specific binding to translocator protein 18 kDa (TSPO) in human brain than ¹¹ C-(R)-PK11195. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 393-403.	2.4	51
88	Brain and Whole-Body Imaging in Rhesus Monkeys of ¹¹ C-NOP-1A, a Promising PET Radioligand for Nociceptin/Orphanin FQ Peptide Receptors. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1638-1645.	2.8	50
89	Lysosomal trapping of a radiolabeled substrate of P-glycoprotein as a mechanism for signal amplification in PET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2593-2598.	3.3	50
90	Population-based input function and image-derived input function for [¹¹ C](R)-rolipram PET imaging: Methodology, validation and application to the study of major depressive disorder. <i>NeuroImage</i> , 2012, 63, 1532-1541.	2.1	50

#	ARTICLE	IF	CITATIONS
91	Radioligands for the study of brain 5-HT1A receptors in vivo—development of some new analogues of way. <i>Nuclear Medicine and Biology</i> , 2000, 27, 449-455.	0.3	48
92	PET imaging of brain 5-HT1A receptors in rat in vivo with ¹⁸ F-FCWAY and improvement by successful inhibition of radioligand defluorination with miconazole. <i>Journal of Nuclear Medicine</i> , 2006, 47, 345-53.	2.8	48
93	The preparation of carbon-11 labelled diprenorphine: a new radioligand for the study of the opiate receptor system in vivo. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1423.	2.0	47
94	A facile and regioselective synthesis of rimonabant through an enamine-directed 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2008, 49, 2789-2791.	0.7	47
95	Positron emission tomography imaging using an inverse agonist radioligand to assess cannabinoid CB1 receptors in rodents. <i>NeuroImage</i> , 2008, 41, 690-698.	2.1	47
96	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1576-1585.	2.4	47
97	Synthesis of functionalised unsymmetrical diaryliodonium salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 2463-2466.	0.9	44
98	Radiodefluorination of 3-Fluoro-5-(2-(2-[(¹⁸ F]fluoromethyl)-thiazol-4-yl)ethynyl)benzotrile ([¹⁸ F]SP203), a Radioligand for Imaging Brain Metabotropic Glutamate Subtype-5 Receptors with Positron Emission Tomography, Occurs by Glutathionylation in Rat Brain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 727-735.	1.3	44
99	Radiofluorination of diaryliodonium tosylates under aqueous—organic and cryptand-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5094.	1.5	44
100	Increased Permeability-Glycoprotein Inhibition at the Human Blood—Brain Barrier Can Be Safely Achieved by Performing PET During Peak Plasma Concentrations of Tariquidar. <i>Journal of Nuclear Medicine</i> , 2015, 56, 82-87.	2.8	44
101	An ab initio and MNDO-d SCF-MO computational study of stereoelectronic control in extrusion reactions of R2I—F iodine(III) intermediates—Journal of the Chemical Society Perkin Transactions II, 1999, , 2707-2714.	0.9	43
102	Evaluation of Two Potent and Selective PET Radioligands to Image COX-1 and COX-2 in Rhesus Monkeys. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1907-1912.	2.8	43
103	Biodistribution and Radiation Dosimetry in Humans of a New PET Ligand, ¹⁸ F-PBR06, to Image Translocator Protein (18 kDa). <i>Journal of Nuclear Medicine</i> , 2010, 51, 145-149.	2.8	42
104	Single—Step Radiosynthesis of ¹⁸ F—Labeled Click Synthons—from Azide—Functionalized Diaryliodonium Salts. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4541-4547.	1.2	42
105	Single-step syntheses of no-carrier-added functionalized [¹⁸ F]fluoroarenes as labeling synthons from diaryliodonium salts. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6300.	1.5	42
106	Quantification of brain phosphodiesterase 4 in rat with (R)-[¹¹ C]Rolipram-PET. <i>NeuroImage</i> , 2005, 26, 1201-1210.	2.1	41
107	Synthesis and structure—activity relationships (SARs) of 1,5-diarylpyrazole cannabinoid type-1 (CB1) receptor ligands for potential use in molecular imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3712-3720.	1.4	41
108	Synthesis and Structure—Affinity Relationships of New 4-(6-Iodo- <i>H</i> -imidazo[1,2- <i>a</i>]pyridin-2-yl)- <i>N</i> -dimethylbenzeneamine Derivatives as Ligands for Human β -Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4746-4758.	2.9	41

#	ARTICLE	IF	CITATIONS
109	Regiospecific Syntheses of Functionalized Diaryliodonium Tosylates via [Hydroxy(tosyloxy)iodo]arenes Generated in Situ from (Diacetoxyiodo)arenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 1931-1938.	1.7	41
110	On Quantitative Relationships Between Drug-Like Compound Lipophilicity and Plasma Free Fraction in Monkey and Human. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1028-1039.	1.6	41
111	No-carrier-added [18F]fluoroarenes from the radiofluorination of diaryl sulfoxides. <i>Chemical Communications</i> , 2013, 49, 2151.	2.2	41
112	PET Reveals Inflammation around Calcified <i>Taenia solium</i> Granulomas with Perilesional Edema. <i>PLoS ONE</i> , 2013, 8, e74052.	1.1	41
113	[11C]Carbon monoxide: advances in production and application to PET radiotracer development over the past 15 years. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 25.	1.8	41
114	Improved syntheses of the PET radioligands, [11C]FLB 457, [11C]MDL 100907 and [11C] β -CIT-FE, by the use of [11C]methyl triflate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1998, 41, 545-556.	0.5	40
115	Synthesis of [18F]xenon difluoride as a radiolabeling reagent from [18F]fluoride ion in a micro-reactor and at production scale. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1032-1038.	0.9	40
116	<i>N</i> -desmethyl-Loperamide Is Selective for P-Glycoprotein among Three ATP-Binding Cassette Transporters at the Blood-Brain Barrier. <i>Drug Metabolism and Disposition</i> , 2010, 38, 917-922.	1.7	40
117	Hypervalent aryl iodine compounds as precursors for radiofluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 196-227.	0.5	40
118	Image-Derived Input Function for Human Brain Using High Resolution PET Imaging with [11C](R)-rolipram and [11C]PBR28. <i>PLoS ONE</i> , 2011, 6, e17056.	1.1	40
119	The remotely-controlled preparation of a 11C-labelled radiopharmaceutical ^{11}C acetate. <i>The International Journal of Applied Radiation and Isotopes</i> , 1984, 35, 623-627.	0.7	39
120	Amyloid Imaging: From Benchtop to Bedside. <i>Current Topics in Developmental Biology</i> , 2005, 70, 171-213.	1.0	39
121	Quantification of serotonin 5-HT _{1A} receptors in monkey brain with [11C](R)-(β)-RWAY. <i>Synapse</i> , 2006, 60, 510-520.	0.6	39
122	Distinct patterns of increased translocator protein in posterior cortical atrophy and amnesic Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 51, 132-140.	1.5	39
123	4 Radioligands for the Study of Brain 5-HT _{1A} Receptors In Vivo. <i>Progress in Medicinal Chemistry</i> , 2001, 38, 189-247.	4.1	37
124	Kinetic analysis in human brain of [11C](R)-rolipram, a positron emission tomographic radioligand to image phosphodiesterase 4: A retest study and use of an image-derived input function. <i>NeuroImage</i> , 2011, 54, 1903-1909.	2.1	36
125	Decreased Neurokinin-1 (Substance P) Receptor Binding in Patients with Panic Disorder: Positron Emission Tomographic Study with [18F]SPA-RQ. <i>Biological Psychiatry</i> , 2009, 66, 94-97.	0.7	35
126	PET measurement of cyclooxygenase-2 using a novel radioligand: upregulation in primate neuroinflammation and first-in-human study. <i>Journal of Neuroinflammation</i> , 2020, 17, 140.	3.1	35

#	ARTICLE	IF	CITATIONS
127	Radioligands for PET studies of central 5-HT receptors and re-uptake sites " Current status. Nuclear Medicine and Biology, 1995, 22, 1011-1018.	0.3	33
128	Palladium(II)-mediated ¹¹ C-carbonylative coupling of diaryliodonium salts with organostannanes" a new, mild and rapid synthesis of aryl [¹¹ C]ketones. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1033-1036.	1.3	33
129	¹⁸ F-(4-Cyanotetrahydro-2H-pyran-4-yl) and ¹⁸ F-(1-Cyanocyclohexyl) Derivatives of 1,5-Diarylpyrazole-3-carboxamides Showing High Affinity for 18 kDa Translocator Protein and/or Cannabinoid Receptors. Journal of Medicinal Chemistry, 2011, 54, 2961-2970.	2.9	33
130	Comparison of ¹⁸ F- and ¹¹ C-labeled aryloxyanilide analogs to measure translocator protein in human brain using positron emission tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 352-357.	3.3	33
131	Biodistribution and radiation dosimetry of a positron emission tomographic ligand, ¹⁸ F-SP203, to image metabotropic glutamate subtype 5 receptors in humans. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1943-1949.	3.3	32
132	The PET Radioligand ¹⁸ F-FIMX Images and Quantifies Metabotropic Glutamate Receptor 1 in Proportion to the Regional Density of Its Gene Transcript in Human Brain. Journal of Nuclear Medicine, 2016, 57, 242-247.	2.8	32
133	[¹¹ C]Fluoroform, a Breakthrough for Versatile Labeling of PET Radiotracer Trifluoromethyl Groups in High Molar Activity. Chemistry - A European Journal, 2017, 23, 8156-8160.	1.7	32
134	The PET radioligand [carbonyl-(¹¹ C)]desmethyl-WAY-100635 binds to 5-HT(1A) receptors and provides a higher radioactive signal than [carbonyl-(¹¹ C)]WAY-100635 in the human brain. Journal of Nuclear Medicine, 2002, 43, 292-303.	2.8	32
135	PET Measurement of the In Vivo Affinity of ¹¹ C-(¹⁸ R)-Rolipram and the Density of Its Target, Phosphodiesterase-4, in the Brains of Conscious and Anesthetized Rats. Journal of Nuclear Medicine, 2009, 50, 749-756.	2.8	31
136	Synthesis and Evaluation in Monkey of [¹⁸ F]4-Fluoro-N-methyl-N-(4-(6-(methylamino)pyrimidin-4-yl)thiazol-2-yl)benzamide ([¹⁸ F]FIMX): A Promising Radioligand for PET Imaging of Brain Metabotropic Glutamate Receptor 1 (mGluR1). Journal of Medicinal Chemistry, 2013, 56, 9146-9155.	2.9	31
137	Population-Based Input Function Modeling for [¹⁸ F]FMPEP-d2, an Inverse Agonist Radioligand for Cannabinoid CB1 Receptors: Validation in Clinical Studies. PLoS ONE, 2013, 8, e60231.	1.1	31
138	Rapid palladium-catalyzed cross-coupling in the synthesis of aryl thioethers under microwave conditions. Tetrahedron Letters, 2006, 47, 4449-4452.	0.7	30
139	Automated radiosynthesis of [¹⁸ F]SPA-RQ for imaging human brain NK1 receptors with PET. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 17-31.	0.5	30
140	Propofol Decreases In Vivo Binding of ¹¹ C-PBR28 to Translocator Protein (18 kDa) in the Human Brain. Journal of Nuclear Medicine, 2013, 54, 64-69.	2.8	30
141	Xenon Difluoride Exchanges Fluoride under Mild Conditions: A Simple Preparation of [¹⁸ F]Xenon Difluoride for PET and Mechanistic Studies. Journal of the American Chemical Society, 2001, 123, 1780-1781.	6.6	29
142	Integration of a microwave reactor with synthia to provide a fully automated radiofluorination module. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 463-465.	0.5	29
143	Retest imaging of [¹¹ C]NOP-1A binding to nociceptin/orphanin FQ peptide (NOP) receptors in the brain of healthy humans. NeuroImage, 2014, 87, 89-95.	2.1	29
144	In vitro and in vivo evaluation of ¹¹ C-SD5024, a novel PET radioligand for human brain imaging of cannabinoid CB1 receptors. NeuroImage, 2014, 84, 733-741.	2.1	29

#	ARTICLE	IF	CITATIONS
145	3-Substituted 1,5-Diaryl-1 <i>H</i> -1,2,4-triazoles as Prospective PET Radioligands for Imaging Brain COX-1 in Monkey. Part 1: Synthesis and Pharmacology. ACS Chemical Neuroscience, 2018, 9, 2610-2619.	1.7	29
146	PET Radionuclide Production. , 1993, , 1-43.		29
147	A simple technique for the automated production of no-carrier-added [1- ¹¹ C]acetate. Applied Radiation and Isotopes, 1997, 48, 1117-1120.	0.7	28
148	New halogenated [¹¹ C]WAY analogues, [¹¹ C]6FPWAY and [¹¹ C]6BPWAY—Radiosynthesis and assessment as radioligands for the study of brain 5-HT1A receptors in living monkey. Nuclear Medicine and Biology, 2001, 28, 177-185.	0.3	28
149	Occupancy of dopamine D _{2/3} receptors in rat brain by endogenous dopamine measured with the agonist positron emission tomography radioligand [¹¹ C]MNPA. Synapse, 2008, 62, 756-763.	0.6	28
150	Synthesis and Evaluation of N-Methyl and S-Methyl ¹¹ C-Labeled 6-Methylthio-2-(4- ² -N,N-dimethylamino)phenylimidazo[1,2-a]pyridines as Radioligands for Imaging β 2-Amyloid Plaques in Alzheimer's Disease. Journal of Medicinal Chemistry, 2008, 51, 148-158.	2.9	28
151	[¹¹ C]Benzyl acetate: Automated radiosynthesis via Pd-mediated [¹¹ C]carbon monoxide chemistry and PET measurement of brain uptake in monkey. Journal of Labelled Compounds and Radiopharmaceuticals, 2010, 53, 548-551.	0.5	28
152	Selective syntheses of no-carrier-added 2- and 3-[¹⁸ F]fluorohalopyridines through the radiofluorination of halopyridinyl(4- ² -methoxyphenyl)iodonium tosylates. Chemical Communications, 2012, 48, 9921.	2.2	28
153	Evaluation of a PET Radioligand to Image <i>O</i> -GlcNAcase in Brain and Periphery of Rhesus Monkey and Knock-Out Mouse. Journal of Nuclear Medicine, 2019, 60, 129-134.	2.8	28
154	First-in-human evaluation of [¹¹ C]PS13, a novel PET radioligand, to quantify cyclooxygenase-1 in the brain. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3143-3151.	3.3	27
155	Preparation of [¹¹ C]buprenorphine—A potential radioligand for the study of the opiate receptor system in vivo. International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes, 1987, 38, 65-66.	0.5	26
156	Design of new β 1-selective adrenoceptor ligands as potential radioligands for in vivo imaging. Bioorganic and Medicinal Chemistry, 2003, 11, 3513-3527.	1.4	26
157	Radiolabeling of a high potency cannabinoid subtype-1 receptor ligand, <i>N</i> -(4-fluorobenzyl)-4-(3-(piperidin-1-yl)indol-1-yl)sulfonylbenzamide (Pip1SB), with carbon-11 or 26 fluorine-18. Journal of Labelled Compounds and Radiopharmaceuticals, 2008, 51, 146-152.		
158	Imaging and In Vivo Quantitation of β 2-Amyloid: An Exemplary Biomarker for Alzheimer's Disease?. Biological Psychiatry, 2006, 59, 940-947.	0.7	25
159	Quantification of serotonin 5-HT1A receptors in humans with [¹¹ C](R)-(β)-RWAY: Radiometabolite(s) likely confound brain measurements. Synapse, 2007, 61, 469-477.	0.6	25
160	Discovery and Labeling of High-Affinity 3,4-Diarylpyrazolines as Candidate Radioligands for In Vivo Imaging of Cannabinoid Subtype-1 (CB ₁) Receptors. Journal of Medicinal Chemistry, 2008, 51, 5608-5616.	2.9	25
161	Evaluation of Novel <i>N</i> -Methyl-2-phenylindol-3-ylglyoxylamides as a New Chemotype of 18 kDa Translocator Protein-Selective Ligand Suitable for the Development of Positron Emission Tomography Radioligands. Journal of Medicinal Chemistry, 2011, 54, 366-373.	2.9	25
162	S-[1-(2,3-diaminophenoxy)]-3- ² -(<i>N</i> -t-butylamino)propan-2-ol-simplified asymmetric synthesis with CD and chiral HPLC analysis. Tetrahedron: Asymmetry, 1992, 3, 539-554.	1.8	24

#	ARTICLE	IF	CITATIONS
163	N-Oxide analogs of WAY-100635: new high affinity 5-HT _{1A} receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 883-893.	1.4	24
164	¹¹ C-CUMI-101, a PET Radioligand, Behaves as a Serotonin 1A Receptor Antagonist and Also Binds to α_1 Adrenoceptors in Brain. <i>Journal of Nuclear Medicine</i> , 2014, 55, 141-146.	2.8	24
165	An Investigation of (Diacetoxyiodo)arenes as Precursors for Preparing No-Carrier-Added [¹⁸ F]Fluoroarenes from Cyclotron-Produced [¹⁸ F]Fluoride Ion. <i>Journal of Organic Chemistry</i> , 2016, 81, 297-302.	1.7	24
166	3-Substituted 1,5-Diaryl-1 <i>H</i> -1,2,4-triazoles as Prospective PET Radioligands for Imaging Brain COX-1 in Monkey. Part 2: Selection and Evaluation of [¹¹ C]PS13 for Quantitative Imaging. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2620-2627.	1.7	24
167	Rapid mild syntheses of [¹¹ C]benzophenones by Pd(0)-catalysed ¹¹ C-carbonylative coupling of iodoarenes with phenyltributylstannane in DME-water. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2000, 43, 825-835.	0.5	23
168	Synthesis and initial evaluation of [¹¹ C](R)-RWAY in monkey—a new, simply labeled antagonist radioligand for imaging brain 5-HT _{1A} receptors with PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1670-1682.	3.3	23
169	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>Annals of Nuclear Medicine</i> , 2018, 32, 236-238.	1.2	23
170	Decreased Cannabinoid CB1 Receptors in Male Tobacco Smokers Examined With Positron Emission Tomography. <i>Biological Psychiatry</i> , 2018, 84, 715-721.	0.7	23
171	Synthesis of (+)- and (–)-cis-2-[(1-adamantylamino)-methyl]-1-phenylcyclopropane derivatives as high affinity probes for α_1 and α_2 binding sites. <i>Il Farmaco</i> , 2002, 57, 45-53.	0.9	22
172	Nucleophile Assisting Leaving Groups: A Strategy for Aliphatic ¹⁸ F-Fluorination. <i>Journal of Organic Chemistry</i> , 2009, 74, 5290-5296.	1.7	22
173	Candidate PET Radioligand Development for Neurofibrillary Tangles: Two Distinct Radioligand Binding Sites Identified in Postmortem Alzheimer's Disease Brain. <i>ACS Chemical Neuroscience</i> , 2016, 7, 897-911.	1.7	22
174	Pd(0)-Mediated ¹¹ C-Carbonylation of Aryl(mesityl)iodonium Salts as a Route to [¹¹ C]Arylcarboxylic Acids and Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 11925-11932.	1.7	22
175	Substitution-reduction: an alternative process for the [¹⁸ F]N-(2-fluoroethylation) of anilines. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 217-232.	0.5	21
176	Stroke Incidentally Identified Using Improved Positron Emission Tomography for Microglial Activation. <i>Archives of Neurology</i> , 2009, 66, 1288-9.	4.9	21
177	Conformational Structure and Energetics of 2-(Methylphenyl)(2-methoxyphenyl)iodonium Chloride: Evidence for Solution Clusters. <i>Chemistry - A European Journal</i> , 2010, 16, 10418-10423.	1.7	21
178	Synthesis, Structure-Affinity Relationships, and Radiolabeling of Selective High-Affinity 5-HT ₄ Receptor Ligands as Prospective Imaging Probes for Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7035-7047.	2.9	21
179	Development of <i>N</i> -Methyl-(2-arylquinolin-4-yl)oxypropanamides as Leads to PET Radioligands for Translocator Protein (18 kDa). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6240-6251.	2.9	21
180	Comparison of two PET radioligands, [¹¹ C]FPEB and [¹¹ C]SP203, for quantification of metabotropic glutamate receptor 5 in human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2458-2470.	2.4	21

#	ARTICLE	IF	CITATIONS
181	PET ligands [¹⁸ F]LSN3316612 and [¹¹ C]LSN3316612 quantify <i>O</i> -linked- β - <i>N</i> -acetyl-glucosamine hydrolase in the brain. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	21
182	Human biodistribution and radiation dosimetry of the tachykinin NK1 antagonist radioligand [18F]SPA-RQ: comparison of thin-slice, bisected, and 2-dimensional planar image analysis. <i>Journal of Nuclear Medicine</i> , 2007, 48, 100-7.	2.8	21
183	Evaluation of [¹¹ C]RS-15385-197 as a positron emission tomography radioligand for central α 2-adrenoceptors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 475-484.	3.3	20
184	Development of Radioligands for Imaging of Brain Norepinephrine Transporters In Vivo with Positron Emission Tomography. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 1806-1816.	1.0	20
185	The decrease of dopamine D2/D3 receptor densities in the putamen and nucleus caudatus goes parallel with maintained levels of CB1 cannabinoid receptors in Parkinson's disease: A preliminary autoradiographic study with the selective dopamine D2/D3 antagonist [3H]raclopride and the novel CB1 inverse agonist [125I]SD7015. <i>Brain Research Bulletin</i> , 2012, 87, 504-510.	1.4	20
186	[¹¹ C]deschloroclozapine is an improved PET radioligand for quantifying a human muscarinic DREADD expressed in monkey brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2571-2582.	2.4	20
187	Efficient regioselective labelling of the CFC alternative 1,1,1,2-tetrafluoroethane (HFC-134a) with fluorine-18. <i>Journal of Fluorine Chemistry</i> , 1995, 70, 279-287.	0.9	19
188	Short and efficient syntheses of analogues of way-100635: new and potent 5-HT1A receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 695-702.	1.4	19
189	Radioiodinated SB 207710 as a radioligand in vivo: imaging of brain 5-HT 4 receptors with SPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1520-1528.	3.3	19
190	Synthesis of NCA [carbonyl-11C]amides by direct reaction of in situ generated [11C]carboxymagnesium halides with amines under microwave-enhanced conditions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 1249-1259.	0.5	19
191	The Pyridinyl-6 Position of WAY-100635 as a site for radiofluorination: effect on 5-HT1A receptor radioligand behavior in vivo. <i>Molecular Imaging and Biology</i> , 2004, 6, 17-26.	1.3	19
192	In vivo and in vitro measurement of brain phosphodiesterase 4 in rats after antidepressant administration. <i>Synapse</i> , 2007, 61, 78-86.	0.6	19
193	Positive labeling of ischemic myocardium: A new approach in patients with coronary disease. <i>American Journal of Cardiology</i> , 1981, 47, 481.	0.7	18
194	Radiosyntheses and reactivities of novel [18F]2-fluoroethyl arylsulfonates. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2005, 48, 735-747.	0.5	18
195	Brain and whole-body imaging in nonhuman primates with [11C]MeS-IMPY, a candidate radioligand for β 2-amyloid plaques. <i>Nuclear Medicine and Biology</i> , 2007, 34, 681-689.	0.3	18
196	Whole-body biodistribution and radiation dosimetry in monkeys and humans of the phosphodiesterase 4 radioligand [11C](R)-rolipram: comparison of two-dimensional planar, bisected and quadrisected image analyses. <i>Nuclear Medicine and Biology</i> , 2008, 35, 493-500.	0.3	18
197	Effects of ketoconazole on the biodistribution and metabolism of [11C]loperamide and [11C]N-desmethyl-loperamide in wild-type and P-gp knockout mice. <i>Nuclear Medicine and Biology</i> , 2010, 37, 335-345.	0.3	18
198	Radiosynthesis and Evaluation of an ¹⁸ F-Labeled Positron Emission Tomography (PET) Radioligand for Brain Histamine Subtype-3 Receptors Based on a Nonimidazole 2-Aminoethylbenzofuran Chemotype. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2406-2415.	2.9	18

#	ARTICLE	IF	CITATIONS
199	Factors That Limit Positron Emission Tomography Imaging of P-Glycoprotein Density at the Blood-Brain Barrier. <i>Molecular Pharmaceutics</i> , 2013, 10, 2222-2229.	2.3	18
200	Neuroinflammation in frontotemporal lobar degeneration revealed by ¹¹ C-PBR28 PET. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1327-1331.	1.7	18
201	Efficient O- and N-(¹⁸ F-fluoroethylation)s with NCA[¹⁸ F] ¹⁸ F-fluoroethyl tosylate under microwave-enhanced conditions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 289-297.	0.5	17
202	PET imaging of neurokinin-1 receptors with [¹⁸ F]SPA-RQ in human subjects: Assessment of reference tissue models and their test-retest reproducibility. <i>Synapse</i> , 2007, 61, 242-251.	0.6	17
203	Effects of cAMP-dependent protein kinase activator and inhibitor on in vivo rolipram binding to phosphodiesterase 4 in conscious rats. <i>Synapse</i> , 2010, 64, 172-176.	0.6	17
204	Solution Structures of the Prototypical 18 kDa Translocator Protein Ligand, PK 11195, Elucidated with ¹ H/ ¹³ C NMR Spectroscopy and Quantum Chemistry. <i>ACS Chemical Neuroscience</i> , 2012, 3, 325-335.	1.7	17
205	A Gas Phase Route to [¹⁸ F]fluoroform with Limited Molar Activity Dilution. <i>Scientific Reports</i> , 2019, 9, 14835.	1.6	17
206	Preparation of carbon-11 labelled prazosin, a potent and selective α_1 -adrenoreceptor antagonist. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1988, 25, 177-183.	0.5	16
207	Preparation of no-carrier-added [¹²⁴ I]A14-iodoinsulin as a radiotracer for positron emission tomography. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, 465-480.	0.5	16
208	Efficient and Regioselective Halogenations of 2-Amino-1,3-thiazoles with Copper Salts. <i>Journal of Organic Chemistry</i> , 2009, 74, 2578-2580.	1.7	16
209	Dopamine β -hydroxylase-deficient mice have normal densities of D ₂ dopamine receptors in the high-affinity state based on in vivo PET imaging and in vitro radioligand binding. <i>Synapse</i> , 2010, 64, 699-703.	0.6	16
210	Synthesis and characterization in monkey of [¹¹ C]SP203 as a radioligand for imaging brain metabotropic glutamate 5 receptors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1949-1958.	3.3	16
211	Evaluation in vitro and in animals of a new ¹¹ C-labeled PET radioligand for metabotropic glutamate receptors 1 in brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 245-253.	3.3	16
212	Quinuclidine and DABCO Enhance the Radiofluorination of α -Substituted β -Halopyridines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6593-6603.	1.2	16
213	2-(4-Methylsulfonylphenyl)pyrimidines as Prospective Radioligands for Imaging Cyclooxygenase-2 with PET: Synthesis, Triage, and Radiolabeling. <i>Molecules</i> , 2018, 23, 2850.	1.7	16
214	Building a database for brain 18 kDa translocator protein imaged using [¹¹ C]PBR28 in healthy subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1138-1147.	2.4	16
215	Whole-body biodistribution and estimation of radiation-absorbed doses of the dopamine D1 receptor radioligand ¹¹ C-NNC 112 in humans. <i>Journal of Nuclear Medicine</i> , 2006, 47, 100-4.	2.8	16
216	An ab initio and MNDO-d SCF-MO computational study of the extrusion reactions of R ₂ I-F iodine(III) via dimeric, trimeric and tetrameric transition states. <i>Perkin Transactions II RSC</i> , 2000, , 2158-2161.	1.1	15

#	ARTICLE	IF	CITATIONS
217	Development of Novel Amyloid Imaging Agents Based Upon Thioflavin S. <i>Current Alzheimer Research</i> , 2005, 2, 109-114.	0.7	15
218	Investigation of the Metabolites of (S,S)-[¹¹ C]MeNER in Humans, Monkeys and Rats. <i>Molecular Imaging and Biology</i> , 2009, 11, 23-30.	1.3	15
219	Evaluation of [¹¹ C]PipISB and [¹⁸ F]PipISB in monkey as candidate radioligands for imaging brain cannabinoid type-1 receptors in vivo. <i>Synapse</i> , 2009, 63, 22-30.	0.6	15
220	Evaluation of ¹¹ C-NR2B-SMe and Its Enantiomers as PET Radioligands for Imaging the NR2B Subunit Within the NMDA Receptor Complex in Rats. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1212-1220.	2.8	15
221	[¹¹ C]Carbonyl Difluoride—a New and Highly Efficient [¹¹ C]Carbonyl Group Transfer Agent. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7256-7260.	7.2	15
222	Human Biodistribution and Dosimetry of ¹¹ C-CUMI-101, an Agonist Radioligand for Serotonin-1A Receptors in Brain. <i>PLoS ONE</i> , 2011, 6, e25309.	1.1	15
223	Synthesis and Screening in Mice of Fluorine-Containing PET Radioligands for TSPO: Discovery of a Promising ¹⁸ F-Labeled Ligand. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16731-16745.	2.9	15
224	Semi-automated preparation of a ¹¹ C-labelled antibiotic-[N-methyl- ¹¹ C]Erythromycin A lactobionate. <i>The International Journal of Applied Radiation and Isotopes</i> , 1984, 35, 103-109.	0.7	14
225	Efficient and selective labelling of the CFC alternative, 1,1,1,2-tetrafluoroethane, with ¹⁸ F in the 1-position. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1064.	2.0	14
226	Propionyl-l-carnitine: Labelling in the N-methyl position with carbon-11 and pharmacokinetic studies in rats. <i>Nuclear Medicine and Biology</i> , 1995, 22, 699-709.	0.3	14
227	Automated chemoenzymatic synthesis of no-carrier-added [carbonyl- ¹¹ C]propionyl l-carnitine for pharmacokinetic studies. <i>Applied Radiation and Isotopes</i> , 1997, 48, 917-924.	0.7	14
228	Synthesis and first in vivo evaluation of new selective high affinity ¹²¹ I-adrenoceptor radioligands for SPECT based on ICI 89,406. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 4117-4132.	1.4	14
229	Synthesis and PET evaluation of (R)-[S-methyl- ¹¹ C]thionisoxetine, a candidate radioligand for imaging brain norepinephrine transporters. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006, 49, 1007-1019.	0.5	14
230	Synthesis of ¹¹ C-labelled (R)-OHDMI and CFMME and their evaluation as candidate radioligands for imaging central norepinephrine transporters with PET. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 616-625.	1.4	14
231	The [¹⁸ F]2-fluoro-1,3-thiazolyl moiety—an easily-accessible structural motif for prospective molecular imaging radiotracers. <i>Tetrahedron Letters</i> , 2010, 51, 6034-6036.	0.7	14
232	Image-derived input function in PET brain studies. <i>Nuclear Medicine Communications</i> , 2012, 33, 982-989.	0.5	14
233	[¹¹ C]Rhodamine-123: Synthesis and biodistribution in rodents. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1128-1136.	0.3	14
234	Synthesis and evaluation of candidate PET radioligands for corticotropin-releasing factor type-1 receptors. <i>Nuclear Medicine and Biology</i> , 2014, 41, 524-535.	0.3	14

#	ARTICLE	IF	CITATIONS
235	<i>N</i> -2-(3-(Trifluoromethyl)phenyl)- <i>N</i> -Aryl- <i>N</i> -methylguanidines as Prospective PET Radioligands for the Open Channel of the <i>N</i> -Methyl-D-aspartate (NMDA) Receptor: Synthesis and Structure–Affinity Relationships. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9722-9730.	2.9	14
236	[¹¹ C]4-Fluoro- <i>N</i> -methyl- <i>N</i> -(4-(6-(methylamino)pyrimidin-4-yl)thiazol-2-yl)benzamide ([¹¹ C]Tj ETQq0 0 0 rgBT /Overlock 10 monkey brain. <i>Nuclear Medicine and Biology</i> , 2015, 42, 967-974.	0.3	14
237	Exploration of the labeling of [¹¹ C]tubastatin A at the hydroxamic acid site with [¹¹ C]carbon monoxide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2016, 59, 9-13.	0.5	14
238	Papain, chymotrypsin and related proteases—a comparative study of their beer chill-proofing abilities and characteristics. <i>Enzyme and Microbial Technology</i> , 1981, 3, 59-63.	1.6	13
239	Kinetic brain analysis and whole-body imaging in monkey of [¹¹ C]MNPA: A dopamine agonist radioligand. <i>Synapse</i> , 2008, 62, 700-709.	0.6	13
240	Quantification of metabotropic glutamate subtype 5 receptors in the brain by an equilibrium method using 18F-SP203. <i>NeuroImage</i> , 2012, 59, 2124-2130.	2.1	13
241	Image-Derived Input Function Derived from a Supervised Clustering Algorithm: Methodology and Validation in a Clinical Protocol Using [¹¹ C](R)-Rolipram. <i>PLoS ONE</i> , 2014, 9, e89101.	1.1	13
242	Preparation of a carbon-11 labelled antibiotic, erythromycin A lactobionate. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 173.	2.0	12
243	Visualization and characterization of 5-HT receptors and transporters in vivo and in man. <i>Seminars in Neuroscience</i> , 1995, 7, 421-431.	2.3	12
244	Development of central 5-HT _{2A} receptor radioligands for PET: Comparison of [³ H]RP 62203 and [³ H]SR 46349B kinetics in rat brain. <i>Nuclear Medicine and Biology</i> , 1996, 23, 245-250.	0.3	12
245	Automated radiosynthesis of no-carrier-added [¹⁸ F]fluticasone propionate as a radiotracer for lung deposition studies with PET. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1997, 39, 567-584.	0.5	12
246	Lipophilic Analogs of Thioflavin S as Novel Amyloid-Imaging Agents. <i>Current Alzheimer Research</i> , 2006, 3, 259-266.	0.7	12
247	Synthesis and in vitro autoradiographic evaluation of a novel high-affinity radioiodinated ligand for imaging brain cannabinoid subtype-1 receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6209-6212.	1.0	12
248	Preclinical evaluation of an 18F-labelled β -1-adrenoceptor selective radioligand based on ICI 89,406. <i>Nuclear Medicine and Biology</i> , 2010, 37, 517-526.	0.3	12
249	Rapid Room-Temperature ¹¹ C-Methylation of Arylamines with [¹¹ C]Methyl Iodide Promoted by Solid Inorganic Bases in DMF. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1303-1310.	1.2	12
250	A PET study comparing receptor occupancy by five selective cannabinoid 1 receptor antagonists in non-human primates. <i>Neuropharmacology</i> , 2016, 101, 519-530.	2.0	12
251	Discovery, Radiolabeling, and Evaluation of Subtype-Selective Inhibitors for Positron Emission Tomography Imaging of Brain Phosphodiesterase-4D. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1311-1323.	1.7	12
252	Synthesis of [¹⁸ F]PS13 and Evaluation as a PET Radioligand for Cyclooxygenase-1 in Monkey. <i>ACS Chemical Neuroscience</i> , 2021, 12, 517-530.	1.7	12

#	ARTICLE	IF	CITATIONS
253	Syntheses of 2-Amino and 2-Halothiazole Derivatives as High-Affinity Metabotropic Glutamate Receptor Subtype 5 Ligands and Potential Radioligands for in Vivo Imaging. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 901-908.	2.9	11
254	Enhanced nucleophilic fluorination and radiofluorination of organosilanes appended with potassium-chelating leaving groups. <i>Journal of Fluorine Chemistry</i> , 2014, 158, 48-52.	0.9	11
255	Crystal Structures of Diaryliodonium Fluorides and Their Implications for Fluorination Mechanisms. <i>Chemistry - A European Journal</i> , 2017, 23, 4353-4363.	1.7	11
256	Rapid and Efficient Synthesis of [¹¹ C]Trifluoromethylarenes from Primary Aromatic Amines and [¹¹ C]CuCF ₃ . <i>ACS Omega</i> , 2020, 5, 19557-19564.	1.6	11
257	¹¹ C-LY2428703, a positron emission tomographic radioligand for the metabotropic glutamate receptor 1, is unsuitable for imaging in monkey and human brains. <i>EJNMMI Research</i> , 2013, 3, 47.	1.1	10
258	¹⁸ F-FCWAY, a serotonin 1A receptor radioligand, is a substrate for efflux transport at the human blood-brain barrier. <i>NeuroImage</i> , 2016, 138, 134-140.	2.1	10
259	Alternative methods for labeling the 5-HT1A receptor agonist, 1-[2-(4-fluorobenzoylamino)ethyl]-4-(7-methoxynaphthyl)piperazine (S14506), with carbon-11 or fluorine-18. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2005, 48, 971-981.	0.5	9
260	In vivo binding of protoporphyrin IX to rat translocator protein imaged with positron emission tomography. <i>Synapse</i> , 2010, 64, 649-653.	0.6	9
261	Evaluation of [¹¹ C]S14506 and [¹⁸ F]S14506 in Rat and Monkey as Agonist PET Radioligands for Brain 5-HT1A Receptors. <i>Current Radiopharmaceuticals</i> , 2010, 3, 9-18.	0.3	9
262	Essential Principles and Recent Progress in the Development of TSPO PET Ligands for Neuroinflammation Imaging. <i>Current Medicinal Chemistry</i> , 2022, 29, 4862-4890.	1.2	9
263	A study of the beer chill-proofing behaviour of a water-insoluble papain conjugate of hydrous titanium(IV) oxide-use of hydrous titanium(IV) oxide as a novel chill-proofing agent. <i>Enzyme and Microbial Technology</i> , 1980, 2, 126-132.	1.6	8
264	Novel use of an isotope separator to determine the position of fluorine-18 in labelled 1,1,1,2-tetrafluoroethanes. <i>Organic Mass Spectrometry</i> , 1994, 29, 499-504.	1.3	8
265	Synthesis of 2- and 6-fluoro analogues of threo-3-(3,4-dihydroxyphenyl)serine (2- and 6-Fluoro-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2 0,9	0.9	8
266	Whole-body biodistribution and radiation dosimetry estimates for the PET dopamine transporter probe ¹⁸ F-FECNT in non-human primates. <i>Nuclear Medicine Communications</i> , 2004, 25, 737-742.	0.5	8
267	Identification of the Transition States in the Inversion of 1,4-Benzodiazepines with the <i>Ab Initio</i> Replica Path Method. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1604-1611.	1.1	8
268	Evaluation in monkey of two candidate PET radioligands, [¹¹ C]RX ¹ and [¹⁸ F]RX ² , for imaging brain 5-HT ₄ receptors. <i>Synapse</i> , 2014, 68, 613-623.	0.6	8
269	[¹¹ C]AZ10419096 – a full antagonist PET radioligand for imaging brain 5-HT 1B receptors. <i>Nuclear Medicine and Biology</i> , 2017, 54, 34-40.	0.3	8
270	Rapid Syntheses of [¹¹ C]Arylvinyltrifluoromethanes through Treatment of (<i>E</i>)-Arylvinyl(phenyl)iodonium Tosylates with [¹¹ C]Trifluoromethylcopper(I). <i>Organic Letters</i> , 2020, 22, 4574-4578.	2.4	8

#	ARTICLE	IF	CITATIONS
271	The Synthesis of Co-polymers with Pendant Functional Groups Arranged in a Predetermined Geometry as Enzyme Models. <i>Biochemical Society Transactions</i> , 1978, 6, 269-271.	1.6	7
272	Synthesis of no-carrier-added [¹¹ C]methanesulfonyl chloride as a new labeling agent for PET radiopharmaceutical development. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 1127-1140.	0.5	7
273	Crown Ether Nucleophilic Catalysts (CENCs): Agents for Enhanced Silicon Radiofluorination. <i>Journal of Organic Chemistry</i> , 2017, 82, 2329-2335.	1.7	7
274	¹¹ C-Labeling of Aryl Ketones as Candidate Histamine Subtype-3 Receptor PET Radioligands through Pd(O)-Mediated ¹¹ C-Carbonylative Coupling. <i>Molecules</i> , 2017, 22, 792.	1.7	7
275	Synthesis and evaluation of two new candidate high-affinity full agonist PET radioligands for imaging 5-HT _{1B} receptors. <i>Nuclear Medicine and Biology</i> , 2019, 70, 1-13.	0.3	7
276	Status of the $\hat{\epsilon}$ -consensus nomenclature rules in radiopharmaceutical sciences $\hat{\epsilon}$ ™ initiative. <i>Nuclear Medicine and Biology</i> , 2019, 71, 19-22.	0.3	7
277	Development of a ¹⁸ F-labeled PET radioligand for imaging 5-HT _{1B} receptors: [¹⁸ F]AZ10419096. <i>Nuclear Medicine and Biology</i> , 2019, 78-79, 11-16.	0.3	7
278	Syntheses of [¹¹ C]2- and [¹¹ C]3-trifluoromethyl-4-aminopyridine: potential PET radioligands for demyelinating diseases. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1161-1167.	1.7	7
279	The chemistry of labeling heterocycles with carbon-11 or fluorine-18 for biomedical imaging. <i>Advances in Heterocyclic Chemistry</i> , 2020, 132, 241-384.	0.9	7
280	Translation of ¹¹ C-labeled tracer synthesis to a CGMP environment as exemplified by [¹¹ C]ER176 for PET imaging of human TSPO. <i>Nature Protocols</i> , 2021, 16, 4419-4445.	5.5	7
281	The radiosynthesis of nca [O-methyl- ¹¹ C]viqualine, through an N-trityl-protected intermediate, as a potential pet radioligand for 5HT re-uptake sites. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1990, 28, 1341-1350.	0.5	6
282	Avoiding Barriers to PET Radioligand Development: Cellular Assays of Brain Efflux Transporters. <i>Journal of Nuclear Medicine</i> , 2011, 52, 338-340.	2.8	6
283	PET Imaging of Phosphodiesterase-4 Identifies Affected Dysplastic Bone in McCune $\hat{\epsilon}$ Albright Syndrome, a Genetic Mosaic Disorder. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1672-1677.	2.8	6
284	Repurposing ¹¹ C-PS13 for PET Imaging of Cyclooxygenase-1 in Ovarian Cancer Xenograft Mouse Models. <i>Journal of Nuclear Medicine</i> , 2021, 62, 665-668.	2.8	6
285	Cyclooxygenases as Potential PET Imaging Biomarkers to Explore Neuroinflammation in Dementia. <i>Journal of Nuclear Medicine</i> , 2022, 63, 535-539.	2.8	6
286	Significant abilities of titanium(IV)-activated glass fibre paper and its papain conjugates to chill-proof beer. <i>Enzyme and Microbial Technology</i> , 1980, 2, 288-294.	1.6	5
287	New N-aryl-N $\hat{\epsilon}$ -(3-(substituted)phenyl)-N $\hat{\epsilon}$ -methylguanidines as leads to potential PET radioligands for imaging the open NMDA receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 225-228.	1.0	5
288	[¹¹ C]Carboxyl $\hat{\epsilon}$ Labelling of Four High $\hat{\epsilon}$ Affinity cPLA ₂ $\hat{\epsilon}$ Inhibitors and Their Evaluation as Radioligands in Mice by Positron Emission Tomography. <i>ChemMedChem</i> , 2018, 13, 138-146.	1.6	5

#	ARTICLE	IF	CITATIONS
289	Open letter to journal editors on: International consensus radiochemistry nomenclature guidelines. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 402-404.	0.5	5
290	Broad Scope and High Yield Access to Unsymmetrical Acyclic [¹¹ C]Ureas for Biomedical Imaging from [¹¹ C]Carbonyl Difluoride. <i>Chemistry - A European Journal</i> , 2021, 27, 10369-10376.	1.7	5
291	Low Retention of [S-methyl- ¹¹ C]MeS-IMPY to ¹²⁵ I-amyloid Plaques in Patients with Alzheimers Disease. <i>Current Radiopharmaceuticals</i> , 2009, 2, 129-136.	0.3	5
292	The preparation of a carbon-11 labelled analgesic - [N-methyl- ¹¹ C]meptazinol. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1987, 24, 1051-1059.	0.5	4
293	Development of new brain imaging agents based upon nocaine-modafinil hybrid monoamine transporter inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3101-3104.	1.0	4
294	Characterization of fast-decaying PET radiotracers solely through LC-MS/MS of constituent radioactive and carrier isotopologues. <i>EJNMMI Research</i> , 2013, 3, 3.	1.1	4
295	T80. Novel PET Radioligands Show That COX-2, but not COX-1, is Induced by Neuroinflammation in Rhesus Macaque. <i>Biological Psychiatry</i> , 2018, 83, S160.	0.7	4
296	[¹¹ C]Carbonyl Difluoride—a New and Highly Efficient [¹¹ C]Carbonyl Group Transfer Agent. <i>Angewandte Chemie</i> , 2020, 132, 7323-7327.	1.6	4
297	Potential for imaging the high-affinity state of the 5-HT1B receptor: a comparison of three PET radioligands with differing intrinsic activity. <i>EJNMMI Research</i> , 2019, 9, 100.	1.1	4
298	Labelling of the CFC-alternative, 2H-heptafluoropropane (HFC 227ea), with fluorine-18. <i>Journal of Fluorine Chemistry</i> , 1995, 75, 67-73.	0.9	3
299	[¹¹ C](R)-Rolipram positron emission tomography detects DISC1 inhibition of phosphodiesterase type 4 in live Disc1 locus-impaired mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1306-1313.	2.4	3
300	Development of a non-radiometric method for measuring the arterial input function of a ¹¹ C-labeled PET radiotracer. <i>Scientific Reports</i> , 2020, 10, 17350.	1.6	3
301	In vivo SPECT and ex vivo autoradiographic brain imaging of the novel selective CB1 receptor antagonist radioligand [¹²⁵ I]SD7015 in CB1 knock-out and wildtype mouse. <i>Brain Research Bulletin</i> , 2013, 91, 46-51.	1.4	2
302	Translocator protein ligands based on N-methyl-(quinolin-4-yl)oxypropanamides with properties suitable for PET radioligand development. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 677-688.	2.6	2
303	[O-methyl- ¹¹ C]N-(4-(4-(3-Chloro-2-methoxyphenyl)-piperazin-1-yl)butyl)-1H-indole-2-carboxamide ([¹¹ C]BAK4-51) Is an Efflux Transporter Substrate and Ineffective for PET Imaging of Brain D3 Receptors in Rodents and Monkey. <i>Molecules</i> , 2018, 23, 2737.	1.7	2
304	Region- and voxel-based quantification in human brain of [¹⁸ F]LSN3316612, a radioligand for O-GlcNAcase. <i>EJNMMI Research</i> , 2021, 11, 35.	1.1	2
305	Fluorine-18 chemistry in micro-reactors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2010, 53, 234-238.	0.5	2
306	Acetylation of <i>N</i> -Heteroaryl Bromides via PdCl ₂ (<i>o</i> -tolyl) ₃ P Catalyzed Heck Reactions. <i>Synthesis</i> , 2008, 2008, 887-890.	1.2	1

#	ARTICLE	IF	CITATIONS
307	On the quantitative relationship between radiotracer lipophilicity and plasma free fraction. <i>NeuroImage</i> , 2010, 52, S221.	2.1	1
308	Front Cover: Quinuclidine and DABCO Enhance the Radiofluorination of 5-Substituted 2-Halopyridines (<i>Eur. J. Org. Chem.</i> 45/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6575-6575.	1.2	1
309	International Consensus Radiochemistry Nomenclature Guidelines. <i>Radiochimica Acta</i> , 2018, 106, 623-625.	0.5	1
310	Radiosynthesis and Evaluation in Monkey of Three ¹¹ C-Labeled 1,5-Diarylpyrazoles as High Potency Candidate PET Radioligands for Cannabinoid Subtype-1 Receptors in Brain. <i>Current Radiopharmaceuticals</i> , 2008, 1, 93-102.	0.3	1
311	Increased Regional Myocardial Glucose Utilisation in Patients with Chronic Stable Angina as Assessed by Positron Emission Tomography (PET). <i>Clinical Science</i> , 1989, 76, 55P-55P.	0.0	0
312	Repurposing [¹¹ C]MC1 for PET Imaging of Cyclooxygenase-2 in Colorectal Cancer Xenograft Mouse Models. <i>Molecular Imaging and Biology</i> , 2021, , 1.	1.3	0
313	Tandem Mass Spectrometry as an Independent Method for Corroborating Fluorine-18 Radioactivity Measurements in Positron Emission Tomography. <i>ACS Measurement Science Au</i> , 2022, 2, 370-376.	1.9	0