

Victor W Pike

List of Publications by Year in descending order

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313
papers

14,720
citations

15495

65
h-index

30058

103
g-index

322
all docs

322
docs citations

322
times ranked

9744
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cyclooxygenases as Potential PET Imaging Biomarkers to Explore Neuroinflammation in Dementia. <i>Journal of Nuclear Medicine</i> , 2022, 63, 53S-59S.	2.8	6
3	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
4	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
5	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
6	[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
7	Region- and voxel-based quantification in human brain of [18F]LSN3316612, a radioligand for O-GlcNAcase. <i>EJNMMI Research</i> , 2021, 11, 35.	1.1	2
8	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
9	Translation of ¹¹ C-labeled tracer synthesis to a CGMP environment as exemplified by [11C]ER176 for PET imaging of human TSPO. <i>Nature Protocols</i> , 2021, 16, 4419-4445.	5.5	7
10	Repurposing [11C]MC1 for PET Imaging of Cyclooxygenase-2 in Colorectal Cancer Xenograft Mouse Models. <i>Molecular Imaging and Biology</i> , 2021, , 1.	1.3	0
11	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
12	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
13	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
14	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
15	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
16	First-in-human evaluation of [11C]PS13, a novel PET radioligand, to quantify cyclooxygenase-1 in the brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3143-3151.	3.3	27
17	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
18	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

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19	Rapid Syntheses of [¹¹ C]Arylvinyltrifluoromethanes through Treatment of (<i>E</i>)-Arylvinyliodonium Tosylates with [¹¹ C]Trifluoromethylcopper(I). Organic Letters, 2020, 22, 4574-4578.	2.4	8
20	[¹¹ C]Carbonyl Difluorideâ€”a New and Highly Efficient [¹¹ C]Carbonyl Group Transfer Agent. Angewandte Chemie, 2020, 132, 7323-7327.	1.6	4
21	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1576-1585.	2.4	47
22	Evaluation of ¹¹C-NR2B-SMe and Its Enantiomers as PET Radioligands for Imaging the NR2B Subunit Within the NMDA Receptor Complex in Rats. Journal of Nuclear Medicine, 2020, 61, 1212-1220.	2.8	15
23	PET Imaging of Phosphodiesterase-4 Identifies Affected Dysplastic Bone in McCuneâ€”Albright Syndrome, a Genetic Mosaic Disorder. Journal of Nuclear Medicine, 2020, 61, 1672-1677.	2.8	6
24	Discovery, Radiolabeling, and Evaluation of Subtype-Selective Inhibitors for Positron Emission Tomography Imaging of Brain Phosphodiesterase-4D. ACS Chemical Neuroscience, 2020, 11, 1311-1323.	1.7	12
25	[¹¹ C]Carbonyl Difluorideâ€”a New and Highly Efficient [¹¹ C]Carbonyl Group Transfer Agent. Angewandte Chemie - International Edition, 2020, 59, 7256-7260.	7.2	15
26	Building a database for brain 18 kDa translocator protein imaged using [¹¹ C]PBR28 in healthy subjects. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1138-1147.	2.4	16
27	Neuroinflammation in frontotemporal lobar degeneration revealed by ¹¹Câ€”PBR28 PET. Annals of Clinical and Translational Neurology, 2019, 6, 1327-1331.	1.7	18
28	A Gas Phase Route to [¹⁸ F]fluoroform with Limited Molar Activity Dilution. Scientific Reports, 2019, 9, 14835.	1.6	17
29	Synthesis and evaluation of two new candidate high-affinity full agonist PET radioligands for imaging 5-HT1B receptors. Nuclear Medicine and Biology, 2019, 70, 1-13.	0.3	7
30	Status of the â€”consensus nomenclature rules in radiopharmaceutical sciencesâ€™ initiative. Nuclear Medicine and Biology, 2019, 71, 19-22.	0.3	7
31	Development of a ¹⁸ F-labeled PET radioligand for imaging 5-HT1B receptors: [¹⁸ F]AZ10419096. Nuclear Medicine and Biology, 2019, 78-79, 11-16.	0.3	7
32	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
33	[¹¹ C](R)-Rolipram positron emission tomography detects DISC1 inhibition of phosphodiesterase type 4 in live Disc1 locus-impaired mice. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1306-1313.	2.4	3
34	Potential for imaging the high-affinity state of the 5-HT1B receptor: a comparison of three PET radioligands with differing intrinsic activity. EJNMMI Research, 2019, 9, 100.	1.1	4
35	[¹¹ C]Carbon monoxide: advances in production and application to PET radiotracer development over the past 15 years. EJNMMI Radiopharmacy and Chemistry, 2019, 4, 25.	1.8	41
36	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

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37	[¹¹ C]Labelling of Four High-Affinity cPLA2 β Inhibitors and Their Evaluation as Radioligands in Mice by Positron Emission Tomography. <i>ChemMedChem</i> , 2018, 13, 138-146.	1.6	5
38	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
39	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>Annals of Nuclear Medicine</i> , 2018, 32, 236-238.	1.2	23
40	International Consensus Radiochemistry Nomenclature Guidelines. <i>Radiochimica Acta</i> , 2018, 106, 623-625.	0.5	1
41	¹¹ C-DPA-713 has much greater specific binding to translocator protein 18kDa (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
42	Hypervalent aryl iodine compounds as precursors for radiofluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 196-227.	0.5	40
43	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
44	[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
45	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
46	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
47	Decreased Cannabinoid CB1 Receptors in Male Tobacco Smokers Examined With Positron Emission Tomography. <i>Biological Psychiatry</i> , 2018, 84, 715-721.	0.7	23
48	3-Substituted 1,5-Diaryl-1H-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
49	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
50	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
51	Crystal Structures of Diaryliodonium Fluorides and Their Implications for Fluorination Mechanisms. <i>Chemistry - A European Journal</i> , 2017, 23, 4353-4363.	1.7	11
52	Crown Ether Nucleophilic Catalysts (CENCs): Agents for Enhanced Silicon Radiofluorination. <i>Journal of Organic Chemistry</i> , 2017, 82, 2329-2335.	1.7	7
53	[¹¹ C]Fluoroform, a Breakthrough for Versatile Labeling of PET Radiotracer Trifluoromethyl Groups in High Molar Activity. <i>Chemistry - A European Journal</i> , 2017, 23, 8156-8160.	1.7	32
54	Consensus nomenclature rules for radiopharmaceutical chemistry – Setting the record straight. <i>Nuclear Medicine and Biology</i> , 2017, 55, v-xi.	0.3	162

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55	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
56	[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
57	Quinuclidine and DABCO Enhance the Radiofluorination of 5-Substituted 2-Halopyridines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6593-6603.	1.2	16
58	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
59	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
60	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
61	¹¹ C-Labeling of Aryl Ketones as Candidate Histamine Subtype-3 Receptor PET Radioligands through Pd(0)-Mediated ¹¹ C-Carbonylative Coupling. <i>Molecules</i> , 2017, 22, 792.	1.7	7
62	Comparison of four ¹¹ C-labeled PET ligands to quantify translocator protein 18kDa (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
63	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
64	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. <i>Journal of Nuclear Medicine</i> , 2016, 57, 242-247.	2.8	32
65	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
66	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
67	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
68	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
69	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
70	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
71	Considerations in the Development of Reversibly Binding PET Radioligands for Brain Imaging. <i>Current Medicinal Chemistry</i> , 2016, 23, 1818-1869.	1.2	149
72	Neuroinflammation in Temporal Lobe Epilepsy Measured Using Positron Emission Tomographic Imaging of Translocator Protein. <i>JAMA Neurology</i> , 2015, 72, 882.	4.5	126

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73	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
74	Cerebellum Can Serve As a Pseudo-Reference Region in Alzheimer Disease to Detect Neuroinflammation Measured with PET Radioligand Binding to Translocator Protein. <i>Journal of Nuclear Medicine</i> , 2015, 56, 701-706.	2.8	183
75	The Inhibitor Ko143 Is Not Specific for ABCG2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 384-393.	1.3	113
76	<i>N</i> -3-(Trifluoromethyl)phenyl Derivatives of <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
77	[¹¹ C]4-Fluoro- <i>N</i> -methyl- <i>N</i> -(4-(6-(methylamino)pyrimidin-4-yl)thiazol-2-yl)benzamide ([¹¹ C]Tj ETQq1) in monkey brain. <i>Nuclear Medicine and Biology</i> , 2015, 42, 967-974.	0.784314 0.3	14
78	New <i>N</i> -aryl- <i>N</i> -(3-(substituted)phenyl)- <i>N</i> -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
79	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
80	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
81	Retest imaging of [¹¹ C]NOP-1A binding to nociceptin/orphanin FQ peptide (NOP) receptors in the brain of healthy humans. <i>NeuroImage</i> , 2014, 87, 89-95.	2.1	29
82	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
83	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
84	[¹¹ C]-CUMI-101, a PET Radioligand, Behaves as a Serotonin 1A Receptor Antagonist and Also Binds to 5-HT ₁ Adrenoceptors in Brain. <i>Journal of Nuclear Medicine</i> , 2014, 55, 141-146.	2.8	24
85	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
86	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
87	In vitro and in vivo evaluation of [¹¹ C]-SD5024, a novel PET radioligand for human brain imaging of cannabinoid CB1 receptors. <i>NeuroImage</i> , 2014, 84, 733-741.	2.1	29
88	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
89	5-HT radioligands for human brain imaging with PET and SPECT. <i>Medicinal Research Reviews</i> , 2013, 33, 54-111.	5.0	138
90	[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

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91	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
92	Radiofluorination of diaryliodonium tosylates under aqueous organic and cryptand-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5094.	1.5	44
93	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
94	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
95	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
96	No-carrier-added [¹⁸ F]fluoroarenes from the radiofluorination of diaryl sulfoxides. <i>Chemical Communications</i> , 2013, 49, 2151.	2.2	41
97	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
98	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). <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9146-9155.	2.9	31
99	In vivo radioligand binding to translocator protein correlates with severity of Alzheimer's disease. <i>Brain</i> , 2013, 136, 2228-2238.	3.7	280
100	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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 53-58.	2.4	207
101	Propofol Decreases In Vivo Binding of ¹¹ C-PBR28 to Translocator Protein (18 kDa) in the Human Brain. <i>Journal of Nuclear Medicine</i> , 2013, 54, 64-69.	2.8	30
102	Population-Based Input Function Modeling for [¹⁸ F]FMPEP-d2, an Inverse Agonist Radioligand for Cannabinoid CB1 Receptors: Validation in Clinical Studies. <i>PLoS ONE</i> , 2013, 8, e60231.	1.1	31
103	PET Reveals Inflammation around Calcified Taenia solium Granulomas with Perilesional Edema. <i>PLoS ONE</i> , 2013, 8, e74052.	1.1	41
104	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
105	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
106	Image-derived input function in PET brain studies. <i>Nuclear Medicine Communications</i> , 2012, 33, 982-989.	0.5	14
107	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
108	Selective syntheses of no-carrier-added 2- and 3-[¹⁸ F]fluorohalopyridines through the radiofluorination of halopyridinyl(4-methoxyphenyl)iodonium tosylates. <i>Chemical Communications</i> , 2012, 48, 9921.	2.2	28

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109	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
110	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
111	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 [³ H]raclopride and the novel CB1 inverse agonist [¹²⁵ I]SD7015. <i>Brain Research Bulletin</i> , 2012, 87, 504-510.	1.4	20
112	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
113	Quantification of metabotropic glutamate subtype 5 receptors in the brain by an equilibrium method using ¹⁸ F-SP203. <i>NeuroImage</i> , 2012, 59, 2124-2130.	2.1	13
114	Serotonin-1A receptors in major depression quantified using PET: Controversies, confounds, and recommendations. <i>NeuroImage</i> , 2012, 59, 3243-3251.	2.1	69
115	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
116	[¹¹ C]Rhodamine-123: Synthesis and biodistribution in rodents. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1128-1136.	0.3	14
117	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
118	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
119	Cu ^I -Catalyzed ¹¹ C-Carboxylation of Boronic Acid Esters: A Rapid and Convenient Entry to ¹¹ C-Labeled Carboxylic Acids, Esters, and Amides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2698-2702.	7.2	96
120	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
121	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
122	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
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