

Victor W Pike

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.

309
papers

12,506
citations

61
h-index

95
g-index

322
ext. papers

13,610
ext. citations

5.1
avg, IF

6.34
L-index

#	Paper	IF	Citations
309	Cyclooxygenases as Potential PET Imaging Biomarkers to Explore Neuroinflammation in Dementia. <i>Journal of Nuclear Medicine</i> , 2022 , 63, 53S-59S	8.9	1
308	Repurposing [C]MC1 for PET Imaging of Cyclooxygenase-2 in Colorectal Cancer Xenograft Mouse Models. <i>Molecular Imaging and Biology</i> , 2021 , 1	3.8	
307	Synthesis and Screening in Mice of Fluorine-Containing PET Radioligands for TSPO: Discovery of a Promising F-Labeled Ligand. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 16731-16745	8.3	1
306	[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	7.3	8
305	Region- and voxel-based quantification in human brain of [F]LSN3316612, a radioligand for O-GlcNAcase. <i>EJNMMI Research</i> , 2021 , 11, 35	3.6	
304	Broad Scope and High-Yield Access to Unsymmetrical Acyclic [C]Ureas for Biomedical Imaging from [C]Carbonyl Difluoride. <i>Chemistry - A European Journal</i> , 2021 , 27, 10369-10376	4.8	3
303	Repurposing C-PS13 for PET Imaging of Cyclooxygenase-1 in Ovarian Cancer Xenograft Mouse Models. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 665-668	8.9	5
302	Synthesis of [F]PS13 and Evaluation as a PET Radioligand for Cyclooxygenase-1 in Monkey. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 517-530	5.7	4
301	Translation of C-labeled tracer synthesis to a CGMP environment as exemplified by [C]ER176 for PET imaging of human TSPO. <i>Nature Protocols</i> , 2021 , 16, 4419-4445	18.8	3
300	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	10.1	18
299	First-in-human evaluation of [C]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	8.8	13
298	PET ligands [F]LSN3316612 and [C]LSN3316612 quantify α -acetyl-glucosamine hydrolase in the brain. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	8
297	The chemistry of labeling heterocycles with carbon-11 or fluorine-18 for biomedical imaging. <i>Advances in Heterocyclic Chemistry</i> , 2020 , 132, 241-384	2.4	4
296	Rapid Syntheses of [C]Arylvinyltrifluoromethanes through Treatment of (O)-Arylvinyl(phenyl)iodonium Tosylates with [C]Trifluoromethylcopper(I). <i>Organic Letters</i> , 2020 , 22, 4574-4578	6.2	3
295	[11C]Carbonyl Difluoride: New and Highly Efficient [11C]Carbonyl Group Transfer Agent. <i>Angewandte Chemie</i> , 2020 , 132, 7323-7327	3.6	2
294	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	7.3	26
293	Evaluation of 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	8.9	8

292	PET Imaging of Phosphodiesterase-4 Identifies Affected Dysplastic Bone in McCune-Albright Syndrome, a Genetic Mosaic Disorder. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1672-1677	8.9	3
291	Syntheses of [C]2- and [C]3-trifluoromethyl-4-aminopyridine: potential PET radioligands for demyelinating diseases. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 1161-1167	3.5	2
290	Rapid and Efficient Synthesis of [C]Trifluoromethylarenes from Primary Aromatic Amines and [C]CuCF. <i>ACS Omega</i> , 2020 , 5, 19557-19564	3.9	5
289	Development of a non-radiometric method for measuring the arterial input function of a C-labeled PET radiotracer. <i>Scientific Reports</i> , 2020 , 10, 17350	4.9	0
288	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	5.7	7
287	[C]Carbonyl Difluoride-a New and Highly Efficient [C]Carbonyl Group Transfer Agent. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7256-7260	16.4	7
286	Synthesis and evaluation of two new candidate high-affinity full agonist PET radioligands for imaging 5-HT receptors. <i>Nuclear Medicine and Biology</i> , 2019 , 70, 1-13	2.1	5
285	Building a database for brain 18 kDa translocator protein imaged using [C]PBR28 in healthy subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1138-1147	7.3	13
284	Neuroinflammation in frontotemporal lobar degeneration revealed by C-PBR28 PET. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1327-1331	5.3	12
283	A Gas Phase Route to [F]fluoroform with Limited Molar Activity Dilution. <i>Scientific Reports</i> , 2019 , 9, 14835.9	4.9	12
282	Potential for imaging the high-affinity state of the 5-HT receptor: a comparison of three PET radioligands with differing intrinsic activity. <i>EJNMMI Research</i> , 2019 , 9, 100	3.6	2
281	[C]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	5.8	26
280	Development of a F-labeled PET radioligand for imaging 5-HT receptors: [F]AZ10419096. <i>Nuclear Medicine and Biology</i> , 2019 , 78-79, 11-16	2.1	3
279	Evaluation of a PET Radioligand to Image -GlcNAcase in Brain and Periphery of Rhesus Monkey and Knock-Out Mouse. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 129-134	8.9	19
278	[C]()-Risperidone positron emission tomography detects DISC1 inhibition of phosphodiesterase type 4 in live locus-impaired mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1306-1313	7.3	2
277	3-Substituted 1,5-Diaryl-1 H-1,2,4-triazoles as Prospective PET Radioligands for Imaging Brain COX-1 in Monkey. Part 1: Synthesis and Pharmacology. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 2610-2619	5.7	20
276	[Carboxyl- 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	3.7	5
275	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. <i>Annals of Nuclear Medicine</i> , 2018 , 32, 236-238	2.5	8

274	International Consensus Radiochemistry Nomenclature Guidelines. <i>Radiochimica Acta</i> , 2018 , 106, 623-625	5.9	1
273	C-DPA-713 has much greater specific binding to translocator protein 18 kDa (TSPO) in human brain than C-(R)-PK11195. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 393-403	7.3	39
272	Hypervalent aryl iodine compounds as precursors for radiofluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 196-227	1.9	31
271	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	8.9	33
270	Hypervalent Iodine Compounds as Precursors for Biomedical Radiotracers 2018 , 1-59		3
269	Decreased Cannabinoid CB Receptors in Male Tobacco Smokers Examined With Positron Emission Tomography. <i>Biological Psychiatry</i> , 2018 , 84, 715-721	7.9	14
268	3-Substituted 1,5-Diaryl-1 H-1,2,4-triazoles as Prospective PET Radioligands for Imaging Brain COX-1 in Monkey. Part 2: Selection and Evaluation of [C]PS13 for Quantitative Imaging. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 2620-2627	5.7	16
267	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	7.9	4
266	2-(4-Methylsulfonylphenyl)pyrimidines as Prospective Radioligands for Imaging Cyclooxygenase-2 with PET-Synthesis, Triage, and Radiolabeling. <i>Molecules</i> , 2018 , 23,	4.8	11
265	[¹¹ C]-4-(4-(3-Chloro-2-methoxyphenyl)-piperazin-1-yl)butyl-1-indole-2-carboxamide ([C]BAK4-51) Is an Efflux Transporter Substrate and Ineffective for PET Imaging of Brain D ₁ Receptors in Rodents and Monkey. <i>Molecules</i> , 2018 , 23,	4.8	2
264	Influence of alcoholism and cholesterol on TSPO binding in brain: PET [C]PBR28 studies in humans and rodents. <i>Neuropsychopharmacology</i> , 2018 , 43, 1832-1839	8.7	44
263	Distinct patterns of increased translocator protein in posterior cortical atrophy and amnesic Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 51, 132-140	5.6	33
262	Crystal Structures of Diaryliodonium Fluorides and Their Implications for Fluorination Mechanisms. <i>Chemistry - A European Journal</i> , 2017 , 23, 4353-4363	4.8	9
261	Crown Ether Nucleophilic Catalysts (CENCs): Agents for Enhanced Silicon Radiofluorination. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2329-2335	4.2	7
260	[¹⁸ F]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	4.8	24
259	Consensus nomenclature rules for radiopharmaceutical chemistry - Setting the record straight. <i>Nuclear Medicine and Biology</i> , 2017 , 55, v-xi	2.1	108
258	Pd(0)-Mediated C-Carbonylation of Aryl(mesityl)iodonium Salts as a Route to [C]Arylcarboxylic Acids and Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11925-11932	4.2	16
257	Comparison of four 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	3.6	59

256	[C]AZ10419096 - a full antagonist PET radioligand for imaging brain 5-HT receptors. <i>Nuclear Medicine and Biology</i> , 2017 , 54, 34-40	2.1	6
255	Quinuclidine and DABCO Enhance the Radiofluorinations of 5-Substituted 2-Halopyridines. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6593-6603	3.2	12
254	Front Cover: Quinuclidine and DABCO Enhance the Radiofluorination of 5-Substituted 2-Halopyridines (Eur. J. Org. Chem. 45/2017). <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6575-6575	3.2	12
253	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	8.9	115
252	Comparison of two PET radioligands, [C]FPEB and [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	7.3	16
251	C-Labeling of Aryl Ketones as Candidate Histamine Subtype-3 Receptor PET Radioligands through Pd(0)-Mediated C-Carbonylative Coupling. <i>Molecules</i> , 2017 , 22,	4.8	7
250	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	4.2	21
249	A PET study comparing receptor occupancy by five selective cannabinoid 1 receptor antagonists in non-human primates. <i>Neuropharmacology</i> , 2016 , 101, 519-30	5.5	10
248	Considerations in the Development of Reversibly Binding PET Radioligands for Brain Imaging. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1818-69	4.3	110
247	(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	7.9	7
246	The PET Radioligand 18F-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, 242-7	8.9	28
245	(11)C-PBR28 binding to translocator protein increases with progression of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 44, 53-61	5.6	104
244	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	5.7	17
243	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	6.8	1
242	Exploration of the labeling of [11C]tubastatin A at the hydroxamic acid site with [11C]carbon monoxide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2016 , 59, 9-13	1.9	14
241	Neuroinflammation in Temporal Lobe Epilepsy Measured Using Positron Emission Tomographic Imaging of Translocator Protein. <i>JAMA Neurology</i> , 2015 , 72, 882-8	17.2	96
240	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, 82-7	8.9	36
239	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, 701-6	8.9	146

238	The Inhibitor Ko143 Is Not Specific for ABCG2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 384-93	4.7	77
237	N'-3-(Trifluoromethyl)phenyl Derivatives of N-Aryl-N'-methylguanidines as Prospective PET Radioligands for the Open Channel of the N-Methyl-D-aspartate (NMDA) Receptor: Synthesis and Structure-Affinity Relationships. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9722-30	8.3	11
236	[carbonyl- ¹¹ C]4-Fluoro-N-methyl-N-(4-(6-(methylamino)pyrimidin-4-yl)thiazol-2-yl)benzamide ([¹¹ C]FIMX) is an effective radioligand for PET imaging of metabotropic glutamate receptor 1 (mGluR1) in monkey brain. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 967-74	2.1	13
235	New N-aryl-N'-(3-(substituted)phenyl)-N'-methylguanidines as leads to potential PET radioligands for imaging the open NMDA receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 225-8	2.9	3
234	Enhanced Nucleophilic Fluorination and Radiofluorination of Organosilanes Appended with Potassium-Chelating Leaving Groups. <i>Journal of Fluorine Chemistry</i> , 2014 , 158, 48-52	2.1	10
233	Development of N-methyl-(2-arylquinolin-4-yl)oxypropanamides as leads to PET radioligands for translocator protein (18 kDa). <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 6240-51	8.3	19
232	(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, 141-6	8.9	18
231	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, 963-71	5.7	75
230	Synthesis and evaluation of candidate PET radioligands for corticotropin-releasing factor type-1 receptors. <i>Nuclear Medicine and Biology</i> , 2014 , 41, 524-35	2.1	13
229	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, 733-41	7.9	22
228	Fluoxetine administered to juvenile monkeys: effects on the serotonin transporter and behavior. <i>American Journal of Psychiatry</i> , 2014 , 171, 323-31	11.9	52
227	Evaluation in monkey of two candidate PET radioligands, [¹¹ C]RX-1 and [¹⁸ F]RX-2, for imaging brain 5-HT receptors. <i>Synapse</i> , 2014 , 68, 613-623	2.4	6
226	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	7.9	23
225	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	3.7	11
224	5-HT radioligands for human brain imaging with PET and SPECT. <i>Medicinal Research Reviews</i> , 2013 , 33, 54-111	14.4	111
223	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	3.6	10
222	Characterization of fast-decaying PET radiotracers solely through LC-MS/MS of constituent radioactive and carrier isotopologues. <i>EJNMMI Research</i> , 2013 , 3, 3	3.6	3
221	Radiofluorination of diaryliodonium tosylates under aqueous-organic and cryptand-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5094-9	3.9	40

220	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, 245-53	8.8	13
219	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, 6300-6	3.9	35
218	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	3.9	2
217	No-carrier-added [¹⁸ F]fluoroarenes from the radiofluorination of diaryl sulfoxides. <i>Chemical Communications</i> , 2013 , 49, 2151-3	5.8	37
216	Factors that limit positron emission tomography imaging of p-glycoprotein density at the blood-brain barrier. <i>Molecular Pharmaceutics</i> , 2013 , 10, 2222-9	5.6	18
215	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, 2116-25	8.3	30
214	In vivo radioligand binding to translocator protein correlates with severity of Alzheimer's disease. <i>Brain</i> , 2013 , 136, 2228-38	11.2	232
213	A genetic polymorphism for translocator protein 18 kDa affects both in vitro and in vivo radioligand binding in human brain to this putative biomarker of neuroinflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 53-8	7.3	175
212	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, 64-9	8.9	26
211	Population-based input function modeling for [(18)F]FMPEP-d 2, an inverse agonist radioligand for cannabinoid CB1 receptors: validation in clinical studies. <i>PLoS ONE</i> , 2013 , 8, e60231	3.7	23
210	PET reveals inflammation around calcified <i>Taenia solium</i> granulomas with perilesional edema. <i>PLoS ONE</i> , 2013 , 8, e74052	3.7	34
209	Rapid Room-Temperature C-Methylation of Arylamines with [¹⁴ C]Methyl Iodide Promoted by Solid Inorganic Bases in DMF. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1303-1310	3.2	11
208	On quantitative relationships between drug-like compound lipophilicity and plasma free fraction in monkey and human. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 1028-39	3.9	34
207	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, 1931-8	4.2	37
206	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, 9921-3	5.8	25
205	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, 2406-15	8.3	15
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, 325-35	5.7	14
203	The decrease of dopamine D ₂ /D ₃ receptor densities in the putamen and nucleus caudatus goes parallel with maintained levels of CB ₁ cannabinoid receptors in Parkinson's disease: a preliminary autoradiographic study with the selective dopamine D ₂ /D ₃ antagonist [³ H]raclopride and the novel CB ₁ inverse agonist [²⁵⁴ I]SD7015. <i>Brain Research Bulletin</i> , 2012 , 87, 504-10	3.9	18

202	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, 548-54	7.9	49
201	Quantification of metabotropic glutamate subtype 5 receptors in the brain by an equilibrium method using ¹⁸ F-SP203. <i>NeuroImage</i> , 2012 , 59, 2124-30	7.9	13
200	Serotonin-1A receptors in major depression quantified using PET: controversies, confounds, and recommendations. <i>NeuroImage</i> , 2012 , 59, 3243-51	7.9	54
199	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, 1532-41	7.9	37
198	[¹¹¹ In]Rhodamine-123: synthesis and biodistribution in rodents. <i>Nuclear Medicine and Biology</i> , 2012 , 39, 1128-36	2.1	12
197	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, 1949-58	8.8	15
196	Single-step Radiosyntheses of 'F-Labeled Click Synthons' from Azide-functionalized Diaryliodonium Salts. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4541-4547	3.2	40
195	CuI-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</i> , 2012 , 124, 2752-2756	3.6	17
194	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, 2698-702	16.4	82
193	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, 385-92	8.9	52
192	Increased in vivo expression of an inflammatory marker in temporal lobe epilepsy. <i>Journal of Nuclear Medicine</i> , 2012 , 53, 234-40	8.9	75
191	Image-derived input function in PET brain studies: blood-based methods are resistant to motion artifacts. <i>Nuclear Medicine Communications</i> , 2012 , 33, 982-9	1.6	10
190	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, 2687-700	8.3	54
189	Evaluation of novel N1-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. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 366-73	8.3	20
188	Kinetic analysis in human brain of [¹¹ C](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, 1903-9	7.9	32
187	The "specific" P-glycoprotein inhibitor Tariquidar is also a substrate and an inhibitor for breast cancer resistance protein (BCRP/ABCG2). <i>ACS Chemical Neuroscience</i> , 2011 , 2, 82-9	5.7	129
186	N-(4-cyanotetrahydro-2H-pyran-4-yl) and N-(1-cyanocyclohexyl) derivatives of 1,5-diarylpyrazole-3-carboxamides showing high affinity for 18 kDa translocator protein and/or cannabinoid receptors. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 2961-70	8.3	30
185	Syntheses of mGluR5 PET radioligands through the radiofluorination of diaryliodonium tosylates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6629-38	3.9	47

184	Comparison of 18F- and 11C-labeled aryloxyanilide analogs to measure translocator protein in human brain using positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 352-7	8.8	26
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