

Victor W Pike

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309
papers

12,506
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61
h-index

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322
ext. papers

13,610
ext. citations

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L-index

#	Paper	IF	Citations
309	PET radiotracers: crossing the blood-brain barrier and surviving metabolism. <i>Trends in Pharmacological Sciences</i> , 2009 , 30, 431-40	13.2	405
308	Chemistry with [18F]Fluoride Ion. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 2853-2873	3.2	379
307	Mixed-affinity binding in humans with 18-kDa translocator protein ligands. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 24-32	8.9	277
306	Tracer kinetic modeling of the 5-HT1A receptor ligand [carbonyl-11C]WAY-100635 for PET. <i>NeuroImage</i> , 1998 , 8, 426-40	7.9	249
305	In vivo radioligand binding to translocator protein correlates with severity of Alzheimer's disease. <i>Brain</i> , 2013 , 136, 2228-38	11.2	232
304	Comparison of [(11C)-(R)-PK 11195 and [(11C]PBR28, two radioligands for translocator protein (18 kDa) in human and monkey: Implications for positron emission tomographic imaging of this inflammation biomarker. <i>NeuroImage</i> , 2010 , 49, 2924-32	7.9	207
303	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
302	Kinetic analysis in healthy humans of a novel positron emission tomography radioligand to image the peripheral benzodiazepine receptor, a potential biomarker for inflammation. <i>NeuroImage</i> , 2008 , 40, 43-52	7.9	172
301	Exquisite delineation of 5-HT1A receptors in human brain with PET and [carbonyl-11C]WAY-100635. <i>European Journal of Pharmacology</i> , 1996 , 301, R5-7	5.3	169
300	Synthesis and evaluation in monkey of two sensitive 11C-labeled aryloxyanilide ligands for imaging brain peripheral benzodiazepine receptors in vivo. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 17-30	8.3	160
299	Synthesis of the enantiomers of [N-methyl-11C]PK 11195 and comparison of their behaviours as radioligands for PK binding sites in rats. <i>Nuclear Medicine and Biology</i> , 1994 , 21, 573-81	2.1	149
298	Reactions of cyclotron-produced [18F]fluoride with diaryliodonium salts: a novel single-step route to no-carrier-added [18F]fluoroarenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2215-2216		147
297	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
296	PET imaging with [11C]PBR28 can localize and quantify upregulated peripheral benzodiazepine receptors associated with cerebral ischemia in rat. <i>Neuroscience Letters</i> , 2007 , 411, 200-5	3.3	144
295	Fast and high-yield microreactor syntheses of ortho-substituted [(18F)fluoroarenes from reactions of [(18F)fluoride ion with diaryliodonium salts. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3332-8	4.2	137
294	PET imaging of the dopamine transporter with 18F-FECNT: a polar radiometabolite confounds brain radioligand measurements. <i>Journal of Nuclear Medicine</i> , 2006 , 47, 520-7	8.9	131
293	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

292	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, 2072-9	8.9	119
291	Persistent dopamine functions of neurons derived from embryonic stem cells in a rodent model of Parkinson disease. <i>Stem Cells</i> , 2007 , 25, 918-28	5.8	118
290	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, 559-66	8.9	116
289	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
288	Radioligand development for PET imaging of beta-amyloid (Aβ)--current status. <i>Current Medicinal Chemistry</i> , 2007 , 14, 19-52	4.3	114
287	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, 1289-98	7.9	113
286	5-HT radioligands for human brain imaging with PET and SPECT. <i>Medicinal Research Reviews</i> , 2013 , 33, 54-111	14.4	111
285	Recommendations for fluorine-18 production. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1991 , 42, 749-762		110
284	Considerations in the Development of Reversibly Binding PET Radioligands for Brain Imaging. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1818-69	4.3	110
283	Consensus nomenclature rules for radiopharmaceutical chemistry - Setting the record straight. <i>Nuclear Medicine and Biology</i> , 2017 , 55, v-xi	2.1	108
282	(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
281	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	2.4	98
280	PET evaluation of novel radiofluorinated reboxetine analogs as norepinephrine transporter probes in the monkey brain. <i>Synapse</i> , 2004 , 53, 57-67	2.4	98
279	Remotely-controlled production of the 5-HT _{1A} 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	1.9	98
278	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
277	Imaging the GABA-benzodiazepine receptor subtype containing the alpha5-subunit in vivo with [¹¹ C]Ro15 4513 positron emission tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 22, 878-89	7.3	95
276	New synthesis of diaryliodonium sulfonates from arylboronic acids. <i>Tetrahedron Letters</i> , 2000 , 41, 5393-5396		93
275	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		91

274	Syntheses of ¹¹ C- and ¹⁸ F-labeled carboxylic esters within a hydrodynamically-driven micro-reactor. <i>Lab on A Chip</i> , 2004 , 4, 523-5	7.2	90
273	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, R1-3	5.3	88
272	Translocator protein PET imaging for glial activation in multiple sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2011 , 6, 354-61	6.9	87
271	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 beta-amyloid in Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2208-18	8.3	86
270	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, 171-82	2.9	85
269	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> , 2001 , 29, 487-91	2.1	83
268	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
267	Quantitation of cannabinoid CB ₁ receptors in healthy human brain using positron emission tomography and an inverse agonist radioligand. <i>NeuroImage</i> , 2009 , 48, 362-70	7.9	82
266	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, 215-23	2.1	82
265	Fluoridation of heteroaromatic iodonium salts—experimental evidence supporting theoretical prediction of the selectivity of the process. <i>Chemical Communications</i> , 2000 , 649-650	5.8	81
264	Regional cerebral opioid receptor studies with [¹¹ C]diprenorphine in normal volunteers. <i>Journal of Neuroscience Methods</i> , 1988 , 23, 121-9	3	78
263	The Inhibitor Ko143 Is Not Specific for ABCG2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 384-93	4.7	77
262	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, 688-99	8.3	77
261	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, 150-9	2.4	76
260	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
259	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
258	¹¹ C-loperamide and its N-desmethyl radiometabolite are avid substrates for brain permeability-glycoprotein efflux. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 649-56	8.9	75
257	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, 112-20	8.9	72

256	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, 259-69	8.7	72
255	Positron-emitting radioligands for studies in vivo-probes for human psychopharmacology. <i>Journal of Psychopharmacology</i> , 1993 , 7, 139-58	4.6	72
254	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, 1402-7	7.9	69
253	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, 707-14	2.1	69
252	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, nihpa81093	1.8	66
251	Synthesis and evaluation of [N-methyl- ¹¹ C]N-desmethyl-loperamide as a new and improved PET radiotracer for imaging P-gp function. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 6034-43	8.3	66
250	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, 3256-66	8.3	65
249	Quantification of translocator protein (18 kDa) in the human brain with PET and a novel radioligand, (¹⁸ F)-PBR06. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 1047-53	8.9	62
248	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, 5833-42	8.3	61
247	Distribution of 5-HT ₄ receptors in the postmortem human brain--an autoradiographic study using [¹²⁵ I]SB 207710. <i>European Neuropsychopharmacology</i> , 2003 , 13, 228-34	1.2	61
246	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		61
245	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
244	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, 108-15	8.9	59
243	PET-characterization of [carbonyl- ¹¹ C]WAY-100635 binding to 5-HT _{1A} receptors in the primate brain. <i>Psychopharmacology</i> , 1997 , 133, 196-202	4.7	59
242	Kinetic evaluation in nonhuman primates of two new PET ligands for peripheral benzodiazepine receptors in brain. <i>Synapse</i> , 2007 , 61, 595-605	2.4	59
241	Post-mortem human brain autoradiography of the norepinephrine transporter using (S,S)-[¹⁸ F]FMeNER-D2. <i>European Neuropsychopharmacology</i> , 2005 , 15, 517-20	1.2	59
240	Effect of a P-glycoprotein inhibitor, Cyclosporin A, on the disposition in rodent brain and blood of the 5-HT _{1A} receptor radioligand, [¹¹ C](R)-(-)-RWAY. <i>Synapse</i> , 2007 , 61, 96-105	2.4	58
239	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	1.9	56

238	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, 2042-8	8.9	56
237	Serotonin-1A receptors in major depression quantified using PET: controversies, confounds, and recommendations. <i>NeuroImage</i> , 2012 , 59, 3243-51	7.9	54
236	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
235	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, 807-13	8.9	54
234	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
233	Rapid and Efficient Radiosyntheses of Meta-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 ⁵²	3.2	52
232	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
231	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, 2769-82	3.4	52
230	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
229	PET imaging of brain 5-HT _{1A} 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	8.9	48
228	Syntheses of mGluR5 PET radioligands through the radiofluorination of diaryliodonium tosylates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6629-38	3.9	47
227	[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, 338-46	8.8	47
226	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	8.8	47
225	Evaluation of [¹¹ C]GB67, a novel radioligand for imaging myocardial alpha 1-adrenoceptors with positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000 , 27, 7-17		47
224	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, 2593-8	11.5	45
223	A facile and regioselective synthesis of rimonabant through an enamine-directed 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2008 , 49, 2789-2791	2	45
222	Disulfiram inhibits defluorination of (¹⁸ F)-FCWAY, reduces bone radioactivity, and enhances visualization of radioligand binding to serotonin 5-HT _{1A} receptors in human brain. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 1154-61	8.9	45
221	Radioligands for the study of brain 5-HT(1A) receptors in vivo--development of some new analogues of way. <i>Nuclear Medicine and Biology</i> , 2000 , 27, 449-55	2.1	44

220	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
219	Positron emission tomography imaging using an inverse agonist radioligand to assess cannabinoid CB1 receptors in rodents. <i>NeuroImage</i> , 2008 , 41, 690-8	7.9	42
218	Radiodefluorination of 3-fluoro-5-(2-(2-[18F](fluoromethyl)-thiazol-4-yl)ethynyl)benzotrile ([18F]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, 727-35	4.7	41
217	Radiofluorination of diaryliodonium tosylates under aqueous-organic and cryptand-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5094-9	3.9	40
216	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
215	Synthesis of functionalised unsymmetrical diaryliodonium salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 2463-2466		40
214	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
213	Synthesis of [F]Xenon Difluoride as a Radiolabeling Reagent from [F]Fluoride Ion in a Micro-reactor and at Production Scale. <i>Journal of Fluorine Chemistry</i> , 2010 , 131, 1032-1038	2.1	39
212	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		39
211	Brain and whole-body imaging in rhesus monkeys of 11C-NOP-1A, a promising PET radioligand for nociceptin/orphanin FQ peptide receptors. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 1638-45	8.9	38
210	Quantification of brain phosphodiesterase 4 in rat with (R)-[11C]Rolipram-PET. <i>NeuroImage</i> , 2005 , 26, 1201-10	7.9	38
209	An ab initio and MNDO-d SCF-MO computational study of stereoelectronic control in extrusion reactions of R2IB iodine(III) intermediates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999 , 2707-2714		38
208	No-carrier-added [18F]fluoroarenes from the radiofluorination of diaryl sulfoxides. <i>Chemical Communications</i> , 2013 , 49, 2151-3	5.8	37
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	Population-based input function and image-derived input function for [11C](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
205	Synthesis and structure-affinity relationships of new 4-(6-iodo-H-imidazo[1,2-a]pyridin-2-yl)-N-dimethylbenzeneamine derivatives as ligands for human beta-amyloid plaques. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 4746-58	8.3	37
204	Amyloid imaging: from benchtop to bedside. <i>Current Topics in Developmental Biology</i> , 2005 , 70, 171-213	5.3	37
203	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

202	Synthesis and structure-activity relationships (SARs) of 1,5-diarylpyrazole cannabinoid type-1 (CB(1)) receptor ligands for potential use in molecular imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 3712-20	3.4	36
201	Single-step syntheses of no-carrier-added functionalized [18F]fluoroarenes as labeling synthons from diaryliodonium salts. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 6300-6	3.9	35
200	N-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, 917-22	4	35
199	The remotely-controlled preparation of a 11C-labelled radiopharmaceutical [11C]acetate. <i>The International Journal of Applied Radiation and Isotopes</i> , 1984 , 35, 623-627		35
198	Image-derived input function for human brain using high resolution PET imaging with [C](R)-rolipram and [C]PBR28. <i>PLoS ONE</i> , 2011 , 6, e17056	3.7	35
197	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
196	PET reveals inflammation around calcified <i>Taenia solium</i> granulomas with perilesional edema. <i>PLoS ONE</i> , 2013 , 8, e74052	3.7	34
195	Improved syntheses of the PET radioligands, [11C]FLB 457, [11C]MDL 100907 and [11C]CIT-FE, by the use of [11C]methyl triflate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1998 , 41, 545-556	1.9	34
194	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
193	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
192	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, 94-7	7.9	33
191	Quantification of serotonin 5-HT1A receptors in monkey brain with [11C](R)-(-)-RWAY. <i>Synapse</i> , 2006 , 60, 510-20	2.4	33
190	Radioligands for the study of brain 5-HT1A receptors in vivo. <i>Progress in Medicinal Chemistry</i> , 2001 , 38, 189-247	7.3	33
189	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, 1903-9	7.9	32
188	Hypervalent aryl iodine compounds as precursors for radiofluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 196-227	1.9	31
187	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, 145-9	8.9	31
186	Radioligands for PET studies of central 5-HT receptors and re-uptake sites--current status. <i>Nuclear Medicine and Biology</i> , 1995 , 22, 1011-8	2.1	31
185	Synthesis and evaluation in monkey of [(18)F]4-fluoro-N-methyl-N-(4-(6-(methylamino)pyrimidin-4-yl)thiazol-2-yl)benzamide ([18F]FIMX): a promising radioligand for PET imaging of brain metabotropic glutamate receptor 1 (mGluR1). <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2146-55	8.3	30

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