

# Neil Vasdev

## List of Publications by Year in descending order

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146  
papers

5,989  
citations

94433

37  
h-index

85541

71  
g-index

152  
all docs

152  
docs citations

152  
times ranked

6151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau positron emission tomographic imaging in aging and early <sup>A</sup> Alzheimer disease. <i>Annals of Neurology</i> , 2016, 79, 110-119.	5.3	778
2	Validating novel tau positron emission tomography tracer <sup>[Fâ€¹8]â€¹AVâ€¹451 (T807)</sup> on postmortem brain tissue. <i>Annals of Neurology</i> , 2015, 78, 787-800.	5.3	535
3	Chemistry for Positron Emission Tomography: Recent Advances in <sup>11</sup>Câ€¹, <sup>18</sup>Fâ€¹, <sup>13</sup>Nâ€¹, and <sup>15</sup>Oâ€¹ Labeling Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2580-2605.	13.8	216
4	Spirocyclic hypervalent iodine(III)-mediated radiofluorination of non-activated and hindered aromatics. <i>Nature Communications</i> , 2014, 5, 4365.	12.8	207
5	Tau Positron Emission Tomographic Imaging in the Lewy Body Diseases. <i>JAMA Neurology</i> , 2016, 73, 1334.	9.0	182
6	Radiosynthesis and initial evaluation of [18F]-FEPPA for PET imaging of peripheral benzodiazepine receptors. <i>Nuclear Medicine and Biology</i> , 2008, 35, 305-314.	0.6	181
7	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. <i>Molecular Imaging</i> , 2018, 17, 153601211879231.	1.4	158
8	Chelate-free metal ion binding and heat-induced radiolabeling of iron oxide nanoparticles. <i>Chemical Science</i> , 2015, 6, 225-236.	7.4	107
9	Mechanistic studies and radiofluorination of structurally diverse pharmaceuticals with spirocyclic iodonium(<sup>iii</sup>) ylides. <i>Chemical Science</i> , 2016, 7, 4407-4417.	7.4	104
10	<sup>11</sup>Câ€¹O bonds made easily for positron emission tomography radiopharmaceuticals. <i>Chemical Society Reviews</i> , 2016, 45, 4708-4726.	38.1	98
11	<sup>11</sup> C <sub>2</sub> fixation: a renaissance in PET radiochemistry. <i>Chemical Communications</i> , 2013, 49, 5621.	4.1	92
12	Sifting through the surfeit of neuroinflammation tracers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 204-224.	4.3	92
13	Kinetic Modeling of the Monoamine Oxidase B Radioligand [<sup>11</sup>C]SL25.1188 in Human Brain with High-Resolution Positron Emission Tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 883-889.	4.3	83
14	Recent developments on PET radiotracers for TSPO and their applications in neuroimaging. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 373-393.	12.0	82
15	[ <sup>11</sup> C]CURB: Evaluation of a novel radiotracer for imaging fatty acid amide hydrolase by positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2011, 38, 247-253.	0.6	76
16	<sup>18</sup>Fâ€¹ Labeling of Sensitive Biomolecules for Positron Emission Tomography. <i>Chemistry - A European Journal</i> , 2017, 23, 15553-15577.	3.3	75
17	Monoamine Oxidase B Total Distribution Volume in the Prefrontal Cortex of Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2019, 76, 634.	11.0	74
18	Synthesis and Application of Isocyanates Radiolabeled with Carbonâ€¹11. <i>Chemistry - A European Journal</i> , 2011, 17, 259-264.	3.3	73

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19	Pharmacokinetic Evaluation of the Tau PET Radiotracer <sup>18</sup> F-T807 ( <sup>18</sup> F-AV-1451) in Human Subjects. <i>Journal of Nuclear Medicine</i> , 2017, 58, 484-491.	5.0	73
20	A concise radiosynthesis of the tau radiopharmaceutical, [ <sup>18</sup> F]T807. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 736-740.	1.0	70
21	Discovery of a Highly Selective Glycogen Synthase Kinase-3 Inhibitor (PF04802367) That Modulates Tau Phosphorylation in the Brain: Translation for PET Neuroimaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9601-9605.	13.8	68
22	Radiosynthesis of [ <sup>11</sup> C]SL25.1188 via [ <sup>11</sup> C]CO <sub>2</sub> fixation for imaging monoamine oxidase B. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 678-680.	1.0	67
23	Iodonium Ylide-Mediated Radiofluorination of <sup>18</sup> F-FPEB and Validation for Human Use. <i>Journal of Nuclear Medicine</i> , 2015, 56, 489-492.	5.0	65
24	Direct fixation of [ <sup>11</sup> C]-CO <sub>2</sub> by amines: formation of [ <sup>11</sup> C-carbonyl]-methylcarbamates. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 428-432.	2.8	64
25	<i>Ortho</i> -Stabilized <sup>18</sup> F-Azido Click Agents and their Application in PET Imaging with Single-Stranded DNA Aptamers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12777-12781.	13.8	62
26	<sup>18</sup> F-Labeled Single-Stranded DNA Aptamer for PET Imaging of Protein Tyrosine Kinase-7 Expression. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1780-1785.	5.0	59
27	Synthesis and ex vivo evaluation of carbon-11 labelled N-(4-methoxybenzyl)-N <sup>2</sup> -(5-nitro-1,3-thiazol-2-yl)urea ([ <sup>11</sup> C]AR-A014418): A radiolabelled glycogen synthase kinase-3 <sup>β</sup> specific inhibitor for PET studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 5270-5273.	2.2	57
28	Radiolabeled Small Molecule Protein Kinase Inhibitors for Imaging with PET or SPECT. <i>Molecules</i> , 2010, 15, 8260-8278.	3.8	53
29	Synthesis and Preclinical Evaluation of Sulfonamido-based [ <sup>11</sup> C-C- <i>Carbonyl</i> ]-Carbamates and Ureas for Imaging Monoacylglycerol Lipase. <i>Theranostics</i> , 2016, 6, 1145-1159.	10.0	50
30	Recent Advances in <sup>18</sup> F Radiochemistry: A Focus on B- <sup>18</sup> F, Si- <sup>18</sup> F, Al- <sup>18</sup> F, and C- <sup>18</sup> F Radiofluorination via Spirocyclic Iodonium Ylides. <i>Journal of Nuclear Medicine</i> , 2018, 59, 568-572.	5.0	50
31	A Facile Radiolabeling of [ <sup>18</sup> F]FDPA via Spirocyclic Iodonium Ylides: Preliminary PET Imaging Studies in Preclinical Models of Neuroinflammation. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5222-5227.	6.4	43
32	On the consensus nomenclature rules for radiopharmaceutical chemistry – Reconsideration of radiochemical conversion. <i>Nuclear Medicine and Biology</i> , 2021, 93, 19-21.	0.6	43
33	Radiosynthesis and Evaluation of [ <sup>11</sup> C-C- <i>Carbonyl</i> ]-Labeled Carbamates as Fatty Acid Amide Hydrolase Radiotracers for Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 201-209.	6.4	42
34	Enzyme-Mediated Modification of Single-Domain Antibodies for Imaging Modalities with Different Characteristics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 528-533.	13.8	42
35	Classics in Neuroimaging: Development of PET Tracers for Imaging Monoamine Oxidases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1867-1871.	3.5	42
36	Novel Fluorinated 8-Hydroxyquinoline Based Metal Ionophores for Exploring the Metal Hypothesis of Alzheimer's Disease. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1025-1029.	2.8	41

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37	[ <sup>11</sup> C]Cyanation of arylboronic acids in aqueous solutions. <i>Chemical Communications</i> , 2017, 53, 6597-6600.	4.1	41
38	In Vitro and in Vivo Evaluation of <sup>11</sup> C-Labeled Azetidinecarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2278-2291.	6.4	41
39	Development of new radiopharmaceuticals for imaging monoamine oxidase B. <i>Nuclear Medicine and Biology</i> , 2011, 38, 933-943.	0.6	40
40	Alternative approaches for PET radiotracer development in Alzheimer's disease: imaging beyond plaque. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 323-331.	1.0	39
41	Synthesis of [ <sup>11</sup> C]Bexarotene by Cu-Mediated [ <sup>11</sup> C]Carbon Dioxide Fixation and Preliminary PET Imaging. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 668-672.	2.8	39
42	Synthesis of <sup>18</sup> F- $\alpha$ -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10786-10790.	13.8	38
43	Microfluidic continuous-flow radiosynthesis of [ <sup>18</sup> F]FPEB suitable for human PET imaging. <i>MedChemComm</i> , 2014, 5, 432-435.	3.4	37
44	Radiosynthesis and ex vivo evaluation of [ <sup>11</sup> C-carbonyl]carbamate- and urea-based monoacylglycerol lipase inhibitors. <i>Nuclear Medicine and Biology</i> , 2014, 41, 688-694.	0.6	34
45	Towards the preparation of radiolabeled 1-aryl-3-benzyl ureas: Radiosynthesis of [ <sup>11</sup> C-carbonyl]AR-A014418 by [ <sup>11</sup> C]CO <sub>2</sub> fixation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2099-2101.	2.2	33
46	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	6.4	33
47	First Human Use of a Radiopharmaceutical Prepared by Continuous-Flow Microfluidic Radiofluorination: Proof of Concept with the Tau Imaging Agent [ <sup>18</sup> F]T807. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00025.	1.4	32
48	Pharmacodynamic Imaging Guides Dosing of a Selective Estrogen Receptor Degradar. <i>Clinical Cancer Research</i> , 2015, 21, 1340-1347.	7.0	32
49	Translocator Protein Distribution Volume Predicts Reduction of Symptoms During Open-Label Trial of Celecoxib in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2020, 88, 649-656.	1.3	32
50	Utility of commercial radiosynthetic modules in captive solvent [ <sup>11</sup> C] $\alpha$ -methylation reactions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2009, 52, 490-492.	1.0	31
51	Structural Basis for Achieving GSK-3 $\beta$ Inhibition with High Potency, Selectivity, and Brain Exposure for Positron Emission Tomography Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9600-9617.	6.4	31
52	Chemie der Positronenemissionstomographie: Aktuelle Fortschritte bei <sup>11</sup> C-, <sup>18</sup> F-, <sup>13</sup> N- und <sup>15</sup> O-Markierungsreaktionen. <i>Angewandte Chemie</i> , 2019, 131, 2604-2631.	1.0	31
53	Rapid microfluidic flow hydrogenation for reduction or deprotection of <sup>18</sup> F-labeled compounds. <i>Chemical Communications</i> , 2013, 49, 8755.	4.1	30
54	Alantolactone selectively ablates acute myeloid leukemia stem and progenitor cells. <i>Journal of Hematology and Oncology</i> , 2016, 9, 93.	17.0	30

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55	Synthesis and PET imaging studies of [ <sup>18</sup> F]2-fluoroquinolin-8-ol ([ <sup>18</sup> F]CABS13) in transgenic mouse models of Alzheimer's disease. <i>MedChemComm</i> , 2012, 3, 1228.	3.4	29
56	Development and characterization of a promising fluorine-18 labelled radiopharmaceutical for in vivo imaging of fatty acid amide hydrolase. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4351-4357.	3.0	29
57	Radiosynthesis, <i>In Vitro</i> and <i>In Vivo</i> Evaluation of [ <sup>18</sup> F]CBD-2115 as a First-in-Class Radiotracer for Imaging 4R-Tauopathies. <i>ACS Chemical Neuroscience</i> , 2021, 12, 596-602.	3.5	29
58	On The Preparation of Fluorine-18 Labelled XeF <sub>2</sub> and Chemical Exchange between Fluoride Ion and XeF <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2002, 124, 12863-12868.	13.7	28
59	Synthesis and preclinical evaluation of [ <sup>11</sup> C-carbonyl]PF-04457845 for neuroimaging of fatty acid amide hydrolase. <i>Nuclear Medicine and Biology</i> , 2013, 40, 740-746.	0.6	28
60	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a Tail Switching Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	6.4	28
61	cGMP production of the radiopharmaceutical [ <sup>18</sup> F]MK-6240 for PET imaging of human neurofibrillary tangles. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 263-269.	1.0	27
62	Improving PET Imaging Acquisition and Analysis With Machine Learning: A Narrative Review With Focus on Alzheimer's Disease and Oncology. <i>Molecular Imaging</i> , 2019, 18, 153601211986907.	1.4	27
63	Facile <sup>18</sup> F labeling of non-activated arenes via a spirocyclic iodonium(III) ylide method and its application in the synthesis of the mGluR5 PET radiopharmaceutical [ <sup>18</sup> F]FPEB. <i>Nature Protocols</i> , 2019, 14, 1530-1545.	12.0	27
64	Development of new carbon-11 labelled radiotracers for imaging GABAA- and GABAB-benzodiazepine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4482-4488.	3.0	25
65	Total Radiosynthesis: Thinking Outside the Box'. <i>Australian Journal of Chemistry</i> , 2015, 68, 1319.	0.9	25
66	Syntheses and in vitro evaluation of fluorinated naphthoxazines as dopamine D <sub>2</sub> /D <sub>3</sub> receptor agonists: radiosynthesis, ex vivo biodistribution and autoradiography of [ <sup>18</sup> F]F-PHNO. <i>Nuclear Medicine and Biology</i> , 2007, 34, 195-203.	0.6	24
67	Metal-free <sup>18</sup> F-labeling of aryl-CF <sub>2</sub> H via nucleophilic radiofluorination and oxidative C-H activation. <i>Chemical Communications</i> , 2017, 53, 126-129.	4.1	24
68	PET Neuroimaging Studies of [ <sup>18</sup> F]CABS13 in a Double Transgenic Mouse Model of Alzheimer's Disease and Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2015, 6, 535-541.	3.5	23
69	<sup>11</sup> C-CO <sub>2</sub> fixation: Prototype and proof of concept. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 252-262.	1.0	23
70	Development of [ <sup>18</sup> F]Maleimide-Based Glycogen Synthase Kinase-3 <sup>2</sup> Ligands for Positron Emission Tomography Imaging. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 287-292.	2.8	22
71	Selected PET Radioligands for Ion Channel Linked Neuroreceptor Imaging: Focus on GABA, NMDA and nACh Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1830-1842.	2.1	22
72	[ <sup>18</sup> F]Fluoroamines via ring-opening of N-Cbz-2-methylaziridine with [ <sup>18</sup> F]-fluoride. <i>Tetrahedron Letters</i> , 2009, 50, 544-547.	1.4	21

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73	Brain Penetration of the ROS1/ALK Inhibitor Lorlatinib Confirmed by PET. <i>Molecular Imaging</i> , 2017, 16, 153601211773666.	1.4	21
74	An improved radiosynthesis of the muscarinic M2 radiopharmaceutical, [18F]FP-TZTP. <i>Applied Radiation and Isotopes</i> , 2009, 67, 611-616.	1.5	20
75	Synthesis of 18F-arenes from spirocyclic iodonium(III) ylides via continuous-flow microfluidics. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 249-253.	1.7	20
76	<i>In Vitro</i> Evaluation of [ <sup>3</sup> H]CPPC as a Tool Radioligand for CSF-1R. <i>ACS Chemical Neuroscience</i> , 2021, 12, 998-1006.	3.5	19
77	PET radiopharmaceuticals for probing enzymes in the brain. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 194-216.	1.0	19
78	PET Imaging of Fatty Acid Amide Hydrolase with [ <sup>18</sup> F]DOPP in Nonhuman Primates. <i>Molecular Pharmaceutics</i> , 2014, 11, 3832-3838.	4.6	18
79	Evaluating the accuracy of density functional theory for calculating 1H and 13C NMR chemical shifts in drug molecules. <i>Computational and Theoretical Chemistry</i> , 2015, 1051, 161-172.	2.5	18
80	Cognitive impairment and World Trade Centre-related exposures. <i>Nature Reviews Neurology</i> , 2022, 18, 103-116.	10.1	18
81	Synthesis and preliminary biological evaluations of [18F]-1-deoxy-1-fluoro-scylo-inositol. <i>Chemical Communications</i> , 2009, , 5527.	4.1	17
82	NMR Spectroscopic Evidence for the Intermediacy of XeF <sub>3</sub> <sup>+</sup> in XeF <sub>2</sub> /F <sup>+</sup> Exchange, Attempted Syntheses and Thermochemistry of XeF <sub>3</sub> <sup>+</sup> Salts, and Theoretical Studies of the XeF <sub>3</sub> <sup>+</sup> Anion. <i>Inorganic Chemistry</i> , 2010, 49, 8997-9004.	4.0	17
83	Synthesis and Preliminary PET Imaging Studies of a FAAH Radiotracer ([ <sup>11</sup> C]MPPO) Based on $\beta$ -Ketoheterocyclic Scaffold. <i>ACS Chemical Neuroscience</i> , 2016, 7, 109-118.	3.5	17
84	Regioselective ring opening of 2-methylaziridine derivatives with 18F- and 19F-fluoride. <i>Tetrahedron Letters</i> , 2011, 52, 4114-4116.	1.4	16
85	Radiosynthesis and preliminary PET evaluation of 18 F-labeled 2-(1-(3-fluorophenyl)-2-oxo-5-(pyrimidin-2-yl)-1,2-dihydropyridin-3-yl)benzoxazole for imaging AMPA receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4857-4860.	2.2	16
86	Imaging of astrocytes in posttraumatic stress disorder: A PET study with the monoamine oxidase B radioligand [11C]SL25.1188. <i>European Neuropsychopharmacology</i> , 2022, 54, 54-61.	0.7	16
87	Comparisons of [18F]-1-deoxy-1-fluoro-scylo-inositol with [18F]-FDG for PET imaging of inflammation, breast and brain cancer xenografts in athymic mice. <i>Nuclear Medicine and Biology</i> , 2011, 38, 953-959.	0.6	15
88	Radiosynthesis and ex vivo evaluation of [18F]-(S)-3-(6-(3-fluoropropoxy)benzo[d]isoxazol-3-yl)-5-(methoxymethyl)oxazolidin-2-one for imaging MAO-B with PET. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 288-291.	2.2	15
89	Classics in Neuroimaging: Imaging the Dopaminergic Pathway with PET. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1817-1819.	3.5	15
90	Synthesis and preclinical evaluation of [18F]FSL25.1188, a reversible PET radioligand for monoamine oxidase-B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1624-1627.	2.2	15

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91	Radiosynthesis of a Bruton's tyrosine kinase inhibitor, [ <sup>11</sup> C]Tolebrutinib, via palladium-Xantphos-mediated carbonylation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 482-487.	1.0	15
92	Preclinical Evaluation of TSPO and MAO-B PET Radiotracers in an LPS Model of Neuroinflammation. <i>PET Clinics</i> , 2021, 16, 233-247.	3.0	15
93	Discovery of PET radiopharmaceuticals at the academia-industry interface. <i>Drug Discovery Today: Technologies</i> , 2017, 25, 19-26.	4.0	14
94	Copper(I)-Mediated 11C-Carboxylation of (Hetero)arylstannanes. <i>ACS Omega</i> , 2020, 5, 8242-8250.	3.5	14
95	Synthesis and Reactivity of <sup>18</sup> F-Labeled $\hat{1}\pm, \hat{1}\pm$ -Difluoro- $\hat{1}\pm$ -(aryloxy)acetic Acids. <i>Organic Letters</i> , 2017, 19, 568-571.	4.6	13
96	Classics in Neuroimaging: Imaging the Endocannabinoid Pathway with PET. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1855-1862.	3.5	13
97	The effect of aromatic fluorine substitution in l-DOPA on the in vivo behaviour of [ <sup>12</sup> ], [ <sup>15</sup> - and [ <sup>16</sup> -fluoro-l-DOPA in the human brain. <i>Journal of Fluorine Chemistry</i> , 2002, 115, 33-39.	1.7	12
98	Radiosynthesis, ex vivo and in vivo evaluation of [ <sup>11</sup> C]preclamol as a partial dopamine D2 agonist radioligand for positron emission tomography. <i>Synapse</i> , 2006, 60, 314-318.	1.2	11
99	Stereoselective <sup>11</sup> C Labeling of a $\hat{1}\pm$ -Native-Tetrapeptide by Using Asymmetric Phase-Transfer Catalyzed Alkylation Reactions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1019-1024.	2.4	11
100	Metal Protein-Attenuating Compound for PET Neuroimaging: Synthesis and Preclinical Evaluation of [ <sup>11</sup> C]PBT2. <i>Molecular Pharmaceutics</i> , 2018, 15, 695-702.	4.6	11
101	Revisiting the Radiosynthesis of [ <sup>18</sup> F]FPEB and Preliminary PET Imaging in a Mouse Model of Alzheimer's Disease. <i>Molecules</i> , 2020, 25, 982.	3.8	11
102	Synthesis and preliminary evaluation of [ <sup>18</sup> F]-fluoro-(2S)-Exaprolol for imaging cerebral $\hat{1}\pm$ -adrenergic receptors with PET. <i>Neurochemistry International</i> , 2008, 53, 173-179.	3.8	10
103	Synthesis and Preclinical Evaluation of [ <sup>18</sup> F]FCHC for Neuroimaging of Fatty Acid Amide Hydrolase. <i>Molecular Imaging and Biology</i> , 2015, 17, 257-263.	2.6	10
104	A Workshop on Cognitive Aging and Impairment in the 9/11-Exposed Population. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 681.	2.6	10
105	Target receptor identification and subsequent treatment of resected brain tumors with encapsulated and engineered allogeneic stem cells. <i>Nature Communications</i> , 2022, 13, 2810.	12.8	10
106	Facile Radiosynthesis of Fluorine-18 Labeled $\hat{1}\pm$ -Blockers. Synthesis, Radiolabeling, and ex Vivo Biodistribution of [ <sup>18</sup> F]- $\hat{1}\pm$ and [ <sup>18</sup> F]- $\hat{1}\pm$ . <i>Journal of Fluorine Chemistry</i> , 2008, 51, 5093-5100.	6.4	9
107	Classics in Neuroimaging: Development of Positron Emission Tomography Tracers for Imaging the GABAergic Pathway. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2039-2044.	3.5	9
108	Preclinical PET Neuroimaging of [ <sup>11</sup> C]Bexarotene. <i>Molecular Imaging</i> , 2016, 15, 153601211666305.	1.4	8





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127	Design and Prototype of an Automated Column-Switching HPLC System for Radiometabolite Analysis. <i>Pharmaceuticals</i> , 2016, 9, 51.	3.8	4
128	Novel PET Radiotracers with Potential Clinical Applications. <i>PET Clinics</i> , 2017, 12, xi-xii.	3.0	4
129	A rapid one-step radiosynthesis of [ <sup>11</sup> C]α-threo-methylphenidate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 168-170.	1.0	3
130	Radionuclide Imaging for Neuroscience: Current Opinion and Future Directions. <i>Molecular Imaging</i> , 2020, 19, 153601212093639.	1.4	3
131	N-Isopropylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1005-o1005.	0.2	3
132	Cardiac Sympathetic Positron Emission Tomography Imaging with Meta-[ <sup>18</sup> F]Fluorobenzylguanidine is Sensitive to Uptake-1 in Rats. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4350-4360.	3.5	3
133	Characterization of neuroinflammatory positron emission tomography biomarkers in chronic traumatic encephalopathy. <i>Brain Communications</i> , 2022, 4, fcac019.	3.3	3
134	[ <sup>11</sup> C]-URB694 for FAAH PET imaging: A novel radiotracer for a new target. <i>NeuroImage</i> , 2010, 52, S24.	4.2	2
135	Practical Radiosynthesis and Preclinical Neuroimaging of [ <sup>11</sup> C]isradipine, a Calcium Channel Antagonist. <i>Molecules</i> , 2015, 20, 9550-9559.	3.8	2
136	Aryl- <sup>18</sup> F Bond Formation from Nucleophilic [ <sup>18</sup> F]fluoride. , 2020, , 617-648.		2
137	A New F-18 Labeled PET Agent For Imaging Alzheimer's Plaques. , 2011, , .		1
138	F4-01-04: TAU PET USING F18-T807: INITIAL EXPERIENCE IN NORMAL ELDERLY AND AD DEMENTIA. , 2014, 10, P242-P242.		1
139	Editorial: Positron Emission Tomography (PET) Imaging of Brain Biochemistry: Beyond High-Affinity Radioligands. <i>Frontiers in Neuroscience</i> , 2022, 16, 907460.	2.8	1
140	(E)-2-(2-Methylcyclohexylidene)hydrazinecarbothioamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3005-o3005.	0.2	0
141	DT-01-02: TEMPORAL NEOCORTICAL TAU DEPOSITION MEASURED WITH PET IS ASSOCIATED WITH LONGITUDINAL DECLINE IN MEMORY PERFORMANCE AMONG CLINICALLY NORMAL ELDERLY. , 2014, 10, P280-P280.		0
142	P2-151: Imaging tau pathology in vivo in ftld with [ <sup>18</sup> F] T807 PET. , 2015, 11, P545-P545.		0
143	Frontispiece: <sup>18</sup> F-Labeling of Sensitive Biomolecules for Positron Emission Tomography. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
144	EXTH-49. THERAPEUTIC EFFICACY OF ENGINEERED, HYDROGEL ENCAPSULATED BIMODAL MSC IN GLIOBLASTOMA STRATIFIED ON CELL SURFACE RECEPTOR EXPRESSION. <i>Neuro-Oncology</i> , 2019, 21, vi93-vi93.	1.2	0

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145	Repurposing [11C]MC1 for PET Imaging of Cyclooxygenase-2 in Colorectal Cancer Xenograft Mouse Models. Molecular Imaging and Biology, 2021, , 1.	2.6	0
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