

# Ming-Rong Zhang

## List of Publications by Citations

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121  
papers

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29  
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131  
ext. papers

4,052  
ext. citations

5.9  
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L-index

#	Paper	IF	Citations
121	Translocator protein (18kDa): new nomenclature for the peripheral-type benzodiazepine receptor based on its structure and molecular function. <i>Trends in Pharmacological Sciences</i> , <b>2006</b> , 27, 402-9	13.2	1097
120	Novel peripheral benzodiazepine receptor ligand [11C]DAA1106 for PET: an imaging tool for glial cells in the brain. <i>Synapse</i> , <b>2004</b> , 52, 283-91	2.4	134
119	[(11C)DAA1106: radiosynthesis and in vivo binding to peripheral benzodiazepine receptors in mouse brain. <i>Nuclear Medicine and Biology</i> , <b>2003</b> , 30, 513-9	2.1	127
118	Development of a new radioligand, N-(5-fluoro-2-phenoxyphenyl)-N-(2-[18F]fluoroethyl-5-methoxybenzyl)acetamide, for pet imaging of peripheral benzodiazepine receptor in primate brain. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 2228-35	8.3	126
117	Marriage of black phosphorus and Cu as effective photothermal agents for PET-guided combination cancer therapy. <i>Nature Communications</i> , <b>2020</b> , 11, 2778	17.4	121
116	[18F]FMDAA1106 and [18F]FEDAA1106: two positron-emitter labeled ligands for peripheral benzodiazepine receptor (PBR). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2003</b> , 13, 201-4	2.9	79
115	Quantitative analyses of 18F-FEDAA1106 binding to peripheral benzodiazepine receptors in living human brain. <i>Journal of Nuclear Medicine</i> , <b>2006</b> , 47, 43-50	8.9	73
114	11C-AC-5216: a novel PET ligand for peripheral benzodiazepine receptors in the primate brain. <i>Journal of Nuclear Medicine</i> , <b>2007</b> , 48, 1853-61	8.9	65
113	Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors. <i>Small</i> , <b>2020</b> , 16, e1904758	14.758	64
112	PET imaging of lung inflammation with [18F]FEDAC, a radioligand for translocator protein (18 kDa). <i>PLoS ONE</i> , <b>2012</b> , 7, e45065	3.7	56
111	Boron agents for neutron capture therapy. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 405, 213139	23.2	56
110	In vivo binding properties of [carbonyl-11C]WAY-100635: effect of endogenous serotonin. <i>Synapse</i> , <b>2001</b> , 40, 122-9	2.4	49
109	18F-FEAC and 18F-FEDAC: PET of the monkey brain and imaging of translocator protein (18 kDa) in the infarcted rat brain. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1301-9	8.9	47
108	[18F]Fluoroalkyl agents: synthesis, reactivity and application for development of PET ligands in molecular imaging. <i>Current Topics in Medicinal Chemistry</i> , <b>2007</b> , 7, 1817-28	3	43
107	Development of an automated system for synthesizing 18F-labeled compounds using [18F]fluoroethyl bromide as a synthetic precursor. <i>Applied Radiation and Isotopes</i> , <b>2002</b> , 57, 335-42	1.7	42
106	Translocator protein (18 kDa), a potential molecular imaging biomarker for non-invasively distinguishing non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , <b>2012</b> , 57, 1076-82	13.4	41
105	Visualization of early infarction in rat brain after ischemia using a translocator protein (18 kDa) PET ligand [11C]DAC with ultra-high specific activity. <i>NeuroImage</i> , <b>2011</b> , 54, 123-30	7.9	39

104	[18F]FEBMP: Positron Emission Tomography Imaging of TSPO in a Model of Neuroinflammation in Rats, and in vitro Autoradiograms of the Human Brain. <i>Theranostics</i> , <b>2015</b> , 5, 961-9	12.1	37
103	Synthesis and evaluation of N-(5-fluoro-2-phenoxyphenyl)-N-(2-[(18F)fluoromethoxy-d(2)-5-methoxybenzyl]acetamide: a deuterium-substituted radioligand for peripheral benzodiazepine receptor. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 1811-8	3.4	37
102	Synthesis and evaluation of novel radioligands for positron emission tomography imaging of metabotropic glutamate receptor subtype 1 (mGluR1) in rodent brain. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 2342-52	8.3	36
101	Synthesis and Preclinical Evaluation of Sulfonamido-based [(11)C-Carbonyl]-Carbamates and Ureas for Imaging Monoacylglycerol Lipase. <i>Theranostics</i> , <b>2016</b> , 6, 1145-59	12.1	36
100	A Facile Radiolabeling of [F]FDPA via Spirocyclic Iodonium Ylides: Preliminary PET Imaging Studies in Preclinical Models of Neuroinflammation. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 5222-5227	8.3	31
99	Characterization of a novel acetamidobenzoxazolone-based PET ligand for translocator protein (18 kDa) imaging of neuroinflammation in the brain. <i>Journal of Neurochemistry</i> , <b>2014</b> , 129, 712-20	6	31
98	[2-11C]isopropyl-, [1-11C]ethyl-, and [11C]methyl-labeled phenoxyphenyl acetamide derivatives as positron emission tomography ligands for the peripheral benzodiazepine receptor: radiosynthesis, uptake, and in vivo binding in brain. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 2735-42	8.3	31
97	Occupancy of Norepinephrine Transporter by Duloxetine in Human Brains Measured by Positron Emission Tomography with (S,S)-[18F]FMeNER-D2. <i>International Journal of Neuropsychopharmacology</i> , <b>2017</b> , 20, 957-962	5.8	30
96	Utility of Translocator Protein (18 kDa) as a Molecular Imaging Biomarker to Monitor the Progression of Liver Fibrosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 17327	4.9	30
95	In Vitro and in Vivo Evaluation of C-Labeled Azetidincarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 2278-2291	8.3	29
94	Norepinephrine Transporter in Major Depressive Disorder: A PET Study. <i>American Journal of Psychiatry</i> , <b>2017</b> , 174, 36-41	11.9	29
93	[18F]FEAC and [18F]FEDAC: Two novel positron emission tomography ligands for peripheral-type benzodiazepine receptor in the brain. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 1707-10	2.9	29
92	Recent developments on PET radiotracers for TSPO and their applications in neuroimaging. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 373-393	15.5	27
91	Visualization of acute liver damage induced by cycloheximide in rats using PET with [(18F)FEDAC, a radiotracer for translocator protein (18 kDa). <i>PLoS ONE</i> , <b>2014</b> , 9, e86625	3.7	24
90	Synthesis and preliminary PET study of the 5-HT7 receptor antagonist [11C]DR4446. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2002</b> , 45, 857-866	1.9	24
89	Production of (211)At by a vertical beam irradiation method. <i>Applied Radiation and Isotopes</i> , <b>2014</b> , 94, 363-371	1.7	23
88	Synthesis and preliminary evaluation of [18F]FETp4A, a promising PET tracer for mapping acetylcholinesterase in vivo. <i>Nuclear Medicine and Biology</i> , <b>2002</b> , 29, 463-8	2.1	23
87	Synthesis and evaluation of new (18F)-labelled acetamidobenzoxazolone-based radioligands for imaging of the translocator protein (18 kDa, TSPO) in the brain. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 9621-30	3.9	22

86	How to increase the reactivity of [18F]fluoroethyl bromide: [18F]fluoroethylation of amine, phenol and amide functional groups with [18F]FetBr, [18F]FetBr/NaI and [18F]FetOTf. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2003</b> , 46, 587-598	1.9	21
85	Peptide-based nanomaterials: Self-assembly, properties and applications.. <i>Bioactive Materials</i> , <b>2022</b> , 11, 268-282	16.7	20
84	Development of [(11)C]MFTC for PET imaging of fatty acid amide hydrolase in rat and monkey brains. <i>ACS Chemical Neuroscience</i> , <b>2015</b> , 6, 339-46	5.7	19
83	Synthesis and Preliminary Studies of a Novel Negative Allosteric Modulator, 7-((2,5-Dioxopyrrolidin-1-yl)methyl)-4-(2-fluoro-4-[C]methoxyphenyl) quinoline-2-carboxamide, for Imaging of Metabotropic Glutamate Receptor 2. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 1937-1948	5.7	18
82	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> , <b>2019</b> , 62, 3336-3353	8.3	18
81	Sources of carbon which decrease the specific activity of [11C]CH3I synthesized by the single pass I2 method. <i>Applied Radiation and Isotopes</i> , <b>2005</b> , 62, 447-50	1.7	18
80	First demonstration of in vivo mapping for regional brain monoacylglycerol lipase using PET with [C]SAR127303. <i>NeuroImage</i> , <b>2018</b> , 176, 313-320	7.9	17
79	[18F]FMeNER-D2: reliable fully-automated synthesis for visualization of the norepinephrine transporter. <i>Nuclear Medicine and Biology</i> , <b>2013</b> , 40, 1049-54	2.1	17
78	In vivo mapping of substance P receptors in brains of laboratory animals by high-resolution imaging systems. <i>Synapse</i> , <b>2007</b> , 61, 205-15	2.4	17
77	Design, Synthesis, and Evaluation of (4R)-1-{3-[2-(F)Fluoro-4-methylpyridin-3-yl]phenyl}-4-[4-(1,3-thiazol-2-ylcarbonyl)piperazin-1-yl]pyrrolidin-2-one ([F]T-401) as a Novel Positron-Emission Tomography Imaging Agent for Monoacylglycerol Lipase. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 2362-2375	8.5	17
76	Developing native peptide-based radiotracers for PD-L1 PET imaging and improving imaging contrast by pegylation. <i>Chemical Communications</i> , <b>2019</b> , 55, 4162-4165	5.8	16
75	Development of a F-Labeled Radiotracer with Improved Brain Kinetics for Positron Emission Tomography Imaging of Translocator Protein (18 kDa) in Ischemic Brain and Glioma. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 4047-4061	8.3	15
74	In vivo imaging and quantitative analysis of TSPO in rat peripheral tissues using small-animal PET with [18F]FEDAC. <i>Nuclear Medicine and Biology</i> , <b>2010</b> , 37, 853-60	2.1	15
73	In vivo monitoring of remnant undifferentiated neural cells following human induced pluripotent stem cell-derived neural stem/progenitor cells transplantation. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 465-477	6.9	15
72	F-FEDAC as a Targeting Agent for Activated Macrophages in DBA/1 Mice with Collagen-Induced Arthritis: Comparison with F-FDG. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 839-845	8.9	14
71	Synthesis and Preliminary PET Imaging Studies of a FAAH Radiotracer ([11C]MPPO) Based on Ketoheterocyclic Scaffold. <i>ACS Chemical Neuroscience</i> , <b>2016</b> , 7, 109-18	5.7	13
70	Imaging of the translocator protein (18 kDa) in rat brain after ischemia using [11C]DAC with ultra-high specific activity. <i>Synapse</i> , <b>2010</b> , 64, 488-93	2.4	13
69	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 123-149	8.3	13

68	Distinct microglial response against Alzheimer's amyloid and tau pathologies characterized by P2Y12 receptor. <i>Brain Communications</i> , <b>2021</b> , 3, fcab011	4.5	13
67	Synthesis and evaluation of 1-(cyclopropylmethyl)-4-(4-[C]methoxyphenyl)-piperidin-1-yl-2-oxo-1,2-dihydropyridine-3-carbonitrile ([C]CMDC) for PET imaging of metabotropic glutamate receptor 2 in the rat brain. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 1014-1021	3.4	11
66	Design, Synthesis, and Evaluation of F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8866-8872	8.3	11
65	Synthesis, pharmacology and preclinical evaluation of C-labeled 1,3-dihydro-2H-benzo[d]imidazole-2-ones for imaging $\beta$ -dependent transmembrane AMPA receptor regulatory protein. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 898-908	6.8	11
64	N-[18F]fluoroethyl-4-piperidyl acetate ([18F]FETP4A): A PET tracer for imaging brain acetylcholinesterase in vivo. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 2519-27	3.4	11
63	Self-Assembly of Constrained Cyclic Peptides Controlled by Ring Size. <i>CCS Chemistry</i> , <b>2020</b> , 2, 42-51	7.2	11
62	Tau imaging detects distinctive distribution of tau pathology in ALS/PDC on the Kii Peninsula. <i>Neurology</i> , <b>2019</b> , 92, e136-e147	6.5	11
61	[F]DAA1106: Automated radiosynthesis using spirocyclic iodonium ylide and preclinical evaluation for positron emission tomography imaging of translocator protein (18 kDa). <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 4817-4822	3.4	10
60	[18F]FPBMP: A potential new positron emission tomography radioligand for imaging of translocator protein (18 kDa) in peripheral organs of rats. <i>RSC Advances</i> , <b>2015</b> , 5, 101447-101454	3.7	10
59	In vivo imaging of activated macrophages by F-FEDAC, a TSPO targeting PET ligand, in the use of biologic disease-modifying anti-rheumatic drugs (bDMARDs). <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 506, 216-222	3.4	10
58	Development of the Fibronectin-Mimetic Peptide KSSPHSRN(SG)5RGDSP as a Novel Radioprobe for Molecular Imaging of the Cancer Biomarker $\alpha_5\beta_1$ Integrin. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 1722-31	2.3	9
57	Selective synthesis of [2-(11)C]2-iodopropane and [1-(11)C]iodoethane using the loop method by reacting methylmagnesium bromide with [11C]carbon dioxide. <i>Applied Radiation and Isotopes</i> , <b>2006</b> , 64, 216-22	1.7	9
56	PET Imaging of VEGFR with a Novel Cu-Labeled Peptide. <i>ACS Omega</i> , <b>2020</b> , 5, 8508-8514	3.9	8
55	Radiosynthesis and evaluation of new PET ligands for peripheral cannabinoid receptor type 1 imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 4114-4117	2.9	8
54	Synthesis and evaluation of novel carbon-11 labeled oxopurine analogues for positron emission tomography imaging of translocator protein (18 kDa) in peripheral organs. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 6040-9	8.3	8
53	Synthesis and evaluation of 4-(2-fluoro-4-[C]methoxyphenyl)-5-((2-methylpyridin-4-yl)methoxy)picolinamide for PET imaging of the metabotropic glutamate receptor 2 in the rat brain. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 483-491	3.4	8
52	IIITM and At-AITM: Two Novel Small-Molecule Radiopharmaceuticals Targeting Oncoprotein Metabotropic Glutamate Receptor 1. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 242-248	8.9	8
51	Evaluation of the novel TSPO radiotracer 2-(7-butyl-2-(4-(2-([F]fluoroethoxy)phenyl)-5-methylpyrazolo[1,5-a]pyrimidin-3-yl)-N,N-diethylacetamide) in a preclinical model of neuroinflammation. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 150, 1-8	6.8	7

50	Flexible Supercapacitors Based on Graphene/Boron Nitride Nanosheets Electrodes and PVA/PEI Gel Electrolytes. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
49	High-contrast in-vivo imaging of tau pathologies in Alzheimer $\beta$ and non-Alzheimer $\beta$ disease tauopathies		6
48	Radiosynthesis and evaluation of acetamidobenzoxazolone based radioligand [11C]N $\beta$ -MPB for visualization of 18 kDa TSPO in brain. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 7912-7922	3.6	5
47	Nitroaldol reaction of nitro[11C]methane to form 2-(hydroxymethyl)-2-nitro[2-11C]propane-1,3-diol and [11C]Tris. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2011</b> , 54, 140-144	1.9	5
46	Synthesis and preliminary studies of C-labeled tetrahydro-1,7-naphthyridine-2-carboxamides for PET imaging of metabotropic glutamate receptor 2. <i>Theranostics</i> , <b>2020</b> , 10, 11178-11196	12.1	5
45	Development of 2-(2-(3-(4-([F]Fluoromethoxy-d)phenyl)-7-methyl-4-oxo-3,4-dihydroquinazolin-2-yl)ethyl)-4-isopropoxyisoindoline-1,3-dione for Positron-Emission-Tomography Imaging of Phosphodiesterase 10A in the Brain. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 488-498	8.3	5
44	Synthesis and preliminary evaluation of novel C-labeled GluN2B-selective NMDA receptor negative allosteric modulators. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 491-498	8	5
43	Automated Synthesis of (rac)-, (R)-, and (S)-[ F]Epifluorohydrin and Their Application for Developing PET Radiotracers Containing a 3-[ F]Fluoro-2-hydroxypropyl Moiety. <i>ChemMedChem</i> , <b>2018</b> , 13, 1723-1731	3.7	4
42	Radiosynthesis and evaluation of a novel monoacylglycerol lipase radiotracer: 1,1,1,3,3,3-hexafluoropropan-2-yl-3-(1-benzyl-1H-pyrazol-3-yl)azetidide-1-[C]carboxylate. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 3568-3573	3.4	4
41	Cyclotron production of Ac from an electroplated Ra target. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 1	8.8	4
40	Synthesis and Preliminary Evaluation of C-Labeled VU0467485/AZ13713945 and Its Analogues for Imaging Muscarinic Acetylcholine Receptor Subtype 4. <i>ChemMedChem</i> , <b>2019</b> , 14, 303-309	3.7	4
39	Radiosynthesis and quality control testing of the tau imaging positron emission tomography tracer [ F]PM-PBB3 for clinical applications. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2021</b> , 64, 109-119	1.9	4
38	Stretchable Sensors: Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors (Small 7/2020). <i>Small</i> , <b>2020</b> , 16, 2070037	11	3
37	Comparison between [F]fluorination and [F]fluoroethylation reactions for the synthesis of the PDE10A PET radiotracer [F]MNI-659. <i>Nuclear Medicine and Biology</i> , <b>2017</b> , 55, 12-18	2.1	3
36	Quantification of central substance P receptor occupancy by aprepitant using small animal positron emission tomography. <i>International Journal of Neuropsychopharmacology</i> , <b>2014</b> , 18,	5.8	3
35	A multifunctional nanotheranostic agent potentiates erlotinib to EGFR wild-type non-small cell lung cancer.. <i>Bioactive Materials</i> , <b>2022</b> , 13, 312-323	16.7	3
34	Synthesis and preclinical evaluation of [C]MTP38 as a novel PET ligand for phosphodiesterase 7 in the brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 3101-3112	8.8	3
33	Development of a highly-specific F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 1686-1695	15.5	3

32	[C]phosgene: Synthesis and application for development of PET radiotracers. <i>Nuclear Medicine and Biology</i> , <b>2021</b> , 92, 138-148	2.1	3
31	Synthesis of two novel [F]fluorobenzene-containing radiotracers via spirocyclic iodonium ylides and positron emission tomography imaging of translocator protein (18 kDa) in ischemic brain. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8325-8335	3.9	3
30	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperaziny Azetidine Scaffold. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 14283-14298	8.3	3
29	Radiosynthesis and evaluation of 4-(6-[F]Fluoro-4-(5-isopropoxy-1-indazol-3-yl)pyridin-2-yl)morpholine as a novel radiotracer candidate targeting leucine-rich repeat kinase 2. <i>RSC Medicinal Chemistry</i> , <b>2020</b> , 11, 676-684	3.5	2
28	Development of an In Vivo Method to Estimate Effective Drug Doses and Quantify Fatty Acid Amide Hydrolase in Rodent Brain using Positron Emission Tomography Tracer [C]DFMC. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2020</b> , 373, 353-360	4.7	2
27	6-[I]Iodo-9-pentylpurine for Imaging the Activity of the Sodium Iodide Symporter in the Brain. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 1717-1723	8.3	2
26	In vivo visualization of propagating $\beta$ -synuclein pathologies in mouse and marmoset models by a bimodal imaging probe, C05-05		2
25	Identification and Development of a New Positron Emission Tomography Ligand 4-(2-Fluoro-4-[C]methoxyphenyl)-5-((1-methyl-1-pyrazol-3-yl)methoxy)picolinamide for Imaging Metabotropic Glutamate Receptor Subtype 2 (mGlu). <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 11469-11483	8.3	2
24	Harnessing the PD-L1 interface peptide for positron emission tomography imaging of the PD-1 immune checkpoint. <i>RSC Chemical Biology</i> , <b>2020</b> , 1, 214-224	3	2
23	Off-tumor IDO1 target engagements determine the cancer-immune set point and predict the immunotherapeutic efficacy <b>2021</b> , 9,		2
22	At-Labeled Polymer Nanoparticles for Targeted Radionuclide Therapy of Glucose-Dependent Insulinotropic Polypeptide Receptor (GIPR)-Overexpressed Cancer. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 1763-1772	6.3	2
21	Mapping of Translocator Protein (18 kDa) in Peripheral Sterile Inflammatory Disease and Cancer through PET Imaging. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1507-1529	5.6	2
20	Production of Pt from an iridium target by vertical beam irradiation and simultaneous alkali fusion. <i>Applied Radiation and Isotopes</i> , <b>2019</b> , 149, 31-37	1.7	1
19	Quantification of monoacylglycerol lipase and its occupancy by an exogenous ligand in rhesus monkey brains using [F]T-401 and PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 271678X211058285	7.3	1
18	Neuroprotective effects of minocycline and KML29, a potent inhibitor of monoacylglycerol lipase, in an experimental stroke model: a small-animal positron emission tomography study. <i>Theranostics</i> , <b>2021</b> , 11, 9492-9502	12.1	1
17	Pharmacokinetic and pharmacodynamic assessment of histamine H receptor occupancy by enersant: a human PET study with a novel H binding ligand, [C]TASP457. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 1	8.8	1
16	Design, Synthesis, and Biological Evaluation of Novel Fluorescent Probes Targeting the 18-kDa Translocator Protein. <i>ChemMedChem</i> , <b>2021</b> , 16, 1902-1916	3.7	1
15	[F]FEDAC translocator protein positron emission tomography-computed tomography for early detection of mitochondrial dysfunction secondary to myocardial ischemia. <i>Annals of Nuclear Medicine</i> , <b>2021</b> , 35, 927-936	2.5	1

14	Rapid 'on-column' preparation of hydrogen [C]cyanide from [C]methyl iodide [C]formaldehyde.. <i>Chemical Science</i> , <b>2022</b> , 13, 3556-3562	9.4	1
13	Simultaneous measurements of the molar radioactivity, radiochemical purity and chemical impurity in the [C]choline injection using radio-HPLC with a corona-charged aerosol detector. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 162, 109192	1.7	0
12	Radiosynthesis of [thiocarbonyl-C]disulfiram and its first PET study in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 126998	2.9	0
11	Upregulation of Striatal Metabotropic Glutamate Receptor Subtype 1 (mGluR1) in Rats with Excessive Glutamate Release Induced by N-Acetylcysteine.. <i>Neurotoxicity Research</i> , <b>2022</b> , 40, 26	4.3	0
10	Synthesis of no-carrier-added [Pt]cisplatin from a cyclotron produced PtCl complex. <i>Scientific Reports</i> , <b>2021</b> , 11, 8140	4.9	0
9	Usefulness of PET-guided surgery with <sup>64</sup> Cu-labeled cetuximab for resection of intrapancreatic residual tumors in a xenograft mouse model of resectable pancreatic cancer. <i>Nuclear Medicine Communications</i> , <b>2021</b> , 42, 1112-1121	1.6	0
8	Automated radiosynthesis of two F-labeled tracers containing 3-fluoro-2-hydroxypropyl moiety, [F]FMISO and [F]PM-PBB3, via [F]epifluorohydrin. <i>EJNMMI Radiopharmacy and Chemistry</i> , <b>2021</b> , 6, 23	5.8	0
7	Design, Synthesis, and Evaluation of C-Labeled 3-Acetyl-Indole Derivatives as a Novel Positron Emission Tomography Imaging Agent for Diacylglycerol Kinase Gamma (DGK $\gamma$ ) in Brain. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 11990-12002	8.3	0
6	Development of a Stable Peptide-Based PET Tracer for Detecting CD133-Expressing Cancer Cells.. <i>ACS Omega</i> , <b>2022</b> , 7, 334-341	3.9	0
5	First-in-human in vivo $\mu$ PET imaging and quantification of monoacylglycerol lipase in the brain: a PET study with F-T-401.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	
4	3-(Cyclopropylmethyl)-7-((4-(4-[C]methoxyphenyl)piperidin-1-yl)methyl)-8-(trifluoromethyl)-[1,2,4]triazolo[4,3-a]pyridine Synthesis and preliminary evaluation for PET imaging of metabotropic glutamate receptor subtype 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127555	2.9	
3	Radiosynthesis of F-fluoroethylated tracers via a simplified one-pot F-fluoroethylation method using [F]fluoroethyl tosylate. <i>Applied Radiation and Isotopes</i> , <b>2021</b> , 169, 109571	1.7	
2	Positron Emission Tomography (PET) Imaging of Metabotropic Glutamate Receptor Subtype 2 (mGlu2) Based on a Negative Allosteric Modulator Radioligand. <i>NeuroMethods</i> , <b>2021</b> , 23-37	0.4	
1	Self-Assembly of Constrained Cyclic Peptides Controlled by Ring Size. <i>CCS Chemistry</i> , 42-51	7.2	