

Yiyun Huang

List of Publications by Year in descending order

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173
papers

6,672
citations

66343

42
h-index

85541

71
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179
all docs

179
docs citations

179
times ranked

6641
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging synaptic density in the living human brain. <i>Science Translational Medicine</i> , 2016, 8, 348ra96.	12.4	343
2	Deficits in Prefrontal Cortical and Extrastriatal Dopamine Release in Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 316.	11.0	304
3	Assessing Synaptic Density in Alzheimer Disease With Synaptic Vesicle Glycoprotein 2A Positron Emission Tomographic Imaging. <i>JAMA Neurology</i> , 2018, 75, 1215.	9.0	304
4	Imaging robust microglial activation after lipopolysaccharide administration in humans with PET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12468-12473.	7.1	265
5	Relationships between radiotracer properties and image quality in molecular imaging of the brain with positron emission tomography. <i>Molecular Imaging and Biology</i> , 2003, 5, 363-375.	2.6	202
6	Synthesis and Preclinical Evaluation of ¹¹ C-UCB-J as a PET Tracer for Imaging the Synaptic Vesicle Glycoprotein 2A in the Brain. <i>Journal of Nuclear Medicine</i> , 2016, 57, 777-784.	5.0	197
7	In vivo measurement of widespread synaptic loss in Alzheimer's disease with SV2A PET. <i>Alzheimer's and Dementia</i> , 2020, 16, 974-982.	0.8	170
8	Kinetic evaluation and test-retest reproducibility of [¹¹ C]UCB-J, a novel radioligand for positron emission tomography imaging of synaptic vesicle glycoprotein 2A in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2041-2052.	4.3	143
9	Rapid Changes in Cannabinoid 1 Receptor Availability in Cannabis-Dependent Male Subjects After Abstinence From Cannabis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 60-67.	1.5	135
10	Brivaracetam, a selective high-affinity synaptic vesicle protein 2A (SV2A) ligand with preclinical evidence of high brain permeability and fast onset of action. <i>Epilepsia</i> , 2016, 57, 201-209.	5.1	130
11	Comparative evaluation of serotonin transporter radioligands ¹¹ C-DASB and ¹¹ C-McN 5652 in healthy humans. <i>Journal of Nuclear Medicine</i> , 2004, 45, 682-94.	5.0	114
12	Synaptic Changes in Parkinson Disease Assessed with in vivo Imaging. <i>Annals of Neurology</i> , 2020, 87, 329-338.	5.3	112
13	Comparative Evaluation in Nonhuman Primates of Five PET Radiotracers for Imaging the Serotonin Transporters: [¹¹ C]McN 5652, [¹¹ C]ADAM, [¹¹ C]DASB, [¹¹ C]DAPA, and [¹¹ C]AFM. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 1377-1398.	4.3	111
14	Increased Nanoparticle Delivery to Brain Tumors by Autocatalytic Priming for Improved Treatment and Imaging. <i>ACS Nano</i> , 2016, 10, 4209-4218.	14.6	103
15	Preferential binding to dopamine D3 over D2 receptors by cariprazine in patients with schizophrenia using PET with the D3/D2 receptor ligand [¹¹ C]-(+)-PHNO. <i>Psychopharmacology</i> , 2016, 233, 3503-3512.	3.1	101
16	Recovery from chronic spinal cord contusion after nogo receptor intervention. <i>Annals of Neurology</i> , 2011, 70, 805-821.	5.3	87
17	PET imaging of synaptic density: A new tool for investigation of neuropsychiatric diseases. <i>Neuroscience Letters</i> , 2019, 691, 44-50.	2.1	85
18	Reduced Brain Cannabinoid Receptor Availability in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 79, 997-1005.	1.3	83

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19	Synthesis and Evaluation of ¹¹ C-LY2795050 as a μ -Opioid Receptor Antagonist Radiotracer for PET Imaging. <i>Journal of Nuclear Medicine</i> , 2013, 54, 455-463.	5.0	80
20	Reduced Amygdala Serotonin Transporter Binding in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2011, 70, 1033-1038.	1.3	79
21	Imaging the Cannabinoid CB1 Receptor in Humans with [¹¹ C] OMAR: Assessment of Kinetic Analysis Methods, Test-Retest Reproducibility, and Gender Differences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1313-1322.	4.3	79
22	Assessment of a white matter reference region for ¹¹ C-UCB-J PET quantification. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1890-1901.	4.3	77
23	Synthesis and <i>In Vivo</i> Evaluation of a Novel PET Radiotracer for Imaging of Synaptic Vesicle Glycoprotein 2A (SV2A) in Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1544-1554.	3.5	70
24	Association of In Vivo μ -Opioid Receptor Availability and the Transdiagnostic Dimensional Expression of Trauma-Related Psychopathology. <i>JAMA Psychiatry</i> , 2014, 71, 1262.	11.0	67
25	Imaging Glutamate Homeostasis in Cocaine Addiction with the Metabotropic Glutamate Receptor 5 Positron Emission Tomography Radiotracer [¹¹ C]ABP688 and Magnetic Resonance Spectroscopy. <i>Biological Psychiatry</i> , 2014, 75, 165-171.	1.3	66
26	In vivo affinity of [¹⁸ F]fallypride for striatal and extrastriatal dopamine D2 receptors in nonhuman primates. <i>Psychopharmacology</i> , 2004, 175, 274-286.	3.1	63
27	First-in-Human Evaluation of ¹⁸ F-SynVesT-1, a Radioligand for PET Imaging of Synaptic Vesicle Glycoprotein 2A. <i>Journal of Nuclear Medicine</i> , 2021, 62, 561-567.	5.0	60
28	Fluorinated Diaryl Sulfides as Serotonin Transporter Ligands: Synthesis, Structure-Activity Relationship Study, and in Vivo Evaluation of Fluorine-18-Labeled Compounds as PET Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 2559-2570.	6.4	59
29	¹¹ C-GR103545, a radiotracer for imaging kappa-opioid receptors in vivo with PET: synthesis and evaluation in baboons. <i>Journal of Nuclear Medicine</i> , 2005, 46, 484-94.	5.0	59
30	In Vivo Synaptic Density Imaging with ¹¹ C-UCB-J Detects Treatment Effects of Saracatinib in a Mouse Model of Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1780-1786.	5.0	57
31	PTSD is associated with neuroimmune suppression: evidence from PET imaging and postmortem transcriptomic studies. <i>Nature Communications</i> , 2020, 11, 2360.	12.8	56
32	Synaptic density and cognitive performance in Alzheimer's disease: A PET imaging study with [¹¹ C]UCB-J. <i>Alzheimer's and Dementia</i> , 2022, 18, 2527-2536.	0.8	55
33	Evaluation of the agonist PET radioligand [¹¹ C]GR103545 to image kappa opioid receptor in humans: Kinetic model selection, test-retest reproducibility and receptor occupancy by the antagonist PF-04455242. <i>NeuroImage</i> , 2014, 99, 69-79.	4.2	54
34	Anti-edema and antioxidant combination therapy for ischemic stroke via glyburide-loaded betulinic acid nanoparticles. <i>Theranostics</i> , 2019, 9, 6991-7002.	10.0	54
35	Association of A β 2 deposition and regional synaptic density in early Alzheimer's disease: a PET imaging study with [¹¹ C]UCB-J. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 11.	6.2	53
36	A Positron Emission Tomography Radioligand for the in Vivo Labeling of Metabotropic Glutamate 1 Receptor: (3-Ethyl-2-[[¹¹ C]methyl-6-quinolinyl](cis-4-methoxycyclohexyl)methanone. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5096-5099.	6.4	52

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37	Reduced synaptic vesicle protein 2A binding in temporal lobe epilepsy: A [¹¹ C]UCB-J positron emission tomography study. <i>Epilepsia</i> , 2020, 61, 2183-2193.	5.1	51
38	In vivo evidence of lower synaptic vesicle density in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 7690-7698.	7.9	51
39	Reductions in Brain 5-HT1B Receptor Availability in Primarily Cocaine-Dependent Humans. <i>Biological Psychiatry</i> , 2014, 76, 816-822.	1.3	50
40	Receptor Occupancy of the μ -Opioid Antagonist LY2456302 Measured with Positron Emission Tomography and the Novel Radiotracer ¹¹ C-LY2795050. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 260-266.	2.5	47
41	PET imaging of $\alpha 7$ nicotinic acetylcholine receptors: a comparative study of [¹⁸ F]ASEM and [¹⁸ F]DBT-10 in nonhuman primates, and further evaluation of [¹⁸ F]ASEM in humans. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1042-1050.	6.4	47
42	In Vivo Reactive Oxygen Species Detection With a Novel Positron Emission Tomography Tracer, ¹⁸ F-DHMT, Allows for Early Detection of Anthracycline-Induced Cardiotoxicity in Rodents. <i>JACC Basic To Translational Science</i> , 2018, 3, 378-390.	4.1	46
43	A single-center, open-label positron emission tomography study to evaluate brivaracetam and levetiracetam synaptic vesicle glycoprotein 2A binding in healthy volunteers. <i>Epilepsia</i> , 2019, 60, 958-967.	5.1	45
44	PET Imaging for Early Detection of Alzheimer's Disease. <i>PET Clinics</i> , 2017, 12, 329-350.	3.0	44
45	Quantitative Analysis of [¹¹ C]-Erlotinib PET Demonstrates Specific Binding for Activating Mutations of the EGFR Kinase Domain. <i>Neoplasia</i> , 2013, 15, 1347-1353.	5.3	43
46	Imaging Nicotine- and Amphetamine-Induced Dopamine Release in Rhesus Monkeys with [¹¹ C]PHNO vs [¹¹ C]raclopride PET. <i>Neuropsychopharmacology</i> , 2014, 39, 866-874.	5.4	43
47	Age-related changes in binding of the D2/3 receptor radioligand [¹¹ C](+)PHNO in healthy volunteers. <i>NeuroImage</i> , 2016, 130, 241-247.	4.2	43
48	Comparison of [¹¹ C]UCB-J and [¹⁸ F]FDG PET in Alzheimer's disease: A tracer kinetic modeling study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2395-2409.	4.3	43
49	Kinetic Modeling of ¹¹ C-LY2795050, A Novel Antagonist Radiotracer for PET Imaging of the Kappa Opioid Receptor in Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1818-1825.	4.3	42
50	High-resolution imaging of brain 5-HT1B receptors in the rhesus monkey using [¹¹ C]P943. <i>Nuclear Medicine and Biology</i> , 2010, 37, 205-214.	0.6	40
51	Development of Effective PET and SPECT Imaging Agents for the Serotonin Transporter: Has a Twenty-Year Journey Reached its Destination?. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 1499-1526.	2.1	39
52	A new positron emission tomography imaging agent for the serotonin transporter: synthesis, pharmacological characterization, and kinetic analysis of [¹¹ C]2-[2-(dimethylaminomethyl)phenylthio]-5-fluoromethylphenylamine ([¹¹ C]AFM). <i>Nuclear Medicine and Biology</i> , 2004, 31, 543-556.	0.6	38
53	Parametric Imaging and Test-Retest Variability of [¹¹ C](+)-PHNO Binding to D ₂ /D ₃ Dopamine Receptors in Humans on the High-Resolution Research Tomograph PET Scanner. <i>Journal of Nuclear Medicine</i> , 2014, 55, 960-966.	5.0	38
54	Synthesis and in vivo evaluation of [¹⁸ F]UCB-J for PET imaging of synaptic vesicle glycoprotein 2A (SV2A). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1952-1965.	6.4	38

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55	PET imaging reveals lower kappa opioid receptor availability in alcoholics but no effect of age. <i>Neuropsychopharmacology</i> , 2018, 43, 2539-2547.	5.4	37
56	High Single Doses of Radiation May Induce Elevated Levels of Hypoxia in Early-Stage Non-Small Cell Lung Cancer Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 174-183.	0.8	36
57	Kappa-opioid receptors, dynorphin, and cocaine addiction: a positron emission tomography study. <i>Neuropsychopharmacology</i> , 2019, 44, 1720-1727.	5.4	36
58	Testâ€“Retest Reproducibility of Binding Parameters in Humans with ¹¹ C-LY2795050, an Antagonist PET Radiotracer for the μ Opioid Receptor. <i>Journal of Nuclear Medicine</i> , 2015, 56, 243-248.	5.0	35
59	First-in-Human Assessment of ¹¹ C-LSN3172176, an M1 Muscarinic Acetylcholine Receptor PET Radiotracer. <i>Journal of Nuclear Medicine</i> , 2021, 62, 553-560.	5.0	35
60	In Vivo Imaging of the Metabotropic Glutamate Receptor 1 (mGluR1) with Positron Emission Tomography: Recent Advance and Perspective. <i>Current Medicinal Chemistry</i> , 2013, 21, 113-123.	2.4	34
61	Age-Related Change in 5-HT ₆ Receptor Availability in Healthy Male Volunteers Measured with ¹¹ C-GSK215083 PET. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1445-1450.	5.0	34
62	Synthesis and Preclinical Evaluation of an ¹⁸ F-Labeled Synaptic Vesicle Glycoprotein 2A PET Imaging Probe: [¹⁸ F]SynVesT-2. <i>ACS Chemical Neuroscience</i> , 2020, 11, 592-603.	3.5	34
63	Preliminary in vivo evidence of lower hippocampal synaptic density in cannabis use disorder. <i>Molecular Psychiatry</i> , 2021, 26, 3192-3200.	7.9	32
64	Determination of In Vivo <i>B</i> _{max} and <i>K</i> _d for ¹¹ C-GR103545, an Agonist PET Tracer for μ -Opioid Receptors: A Study in Nonhuman Primates. <i>Journal of Nuclear Medicine</i> , 2013, 54, 600-608.	5.0	31
65	PET imaging of mGluR5 in Alzheimerâ€™s disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 15.	6.2	29
66	Novel ¹⁸ F-Labeled μ -Opioid Receptor Antagonist as PET Radiotracer: Synthesis and In Vivo Evaluation of ¹⁸ F-LY2459989 in Nonhuman Primates. <i>Journal of Nuclear Medicine</i> , 2018, 59, 140-146.	5.0	28
67	Cortical β -amyloid burden, gray matter, and memory in adults at varying APOE ϵ 4 risk for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 61, 207-214.	3.1	28
68	Binding of the synaptic vesicle radiotracer [¹¹ C]UCB-J is unchanged during functional brain activation using a visual stimulation task. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1067-1079.	4.3	28
69	First-in-Human Assessment of the Novel PDE2A PET Radiotracer ¹⁸ F-PF-05270430. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1388-1395.	5.0	27
70	Neuroprotective effects of stemazole in the MPTP-induced acute model of Parkinsonâ€™s disease: Involvement of the dopamine system. <i>Neuroscience Letters</i> , 2016, 616, 152-159.	2.1	27
71	The Kappa Opioid Receptor Is Associated With Naltrexone-Induced Reduction of Drinking and Craving. <i>Biological Psychiatry</i> , 2019, 86, 864-871.	1.3	27
72	An Improved Antagonist Radiotracer for the μ -Opioid Receptor: Synthesis and Characterization of ¹¹ C-LY2459989. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1185-1191.	5.0	26

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73	Imaging human brown adipose tissue under room temperature conditions with ^{11}C -MRB, a selective norepinephrine transporter PET ligand. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 747-755.	3.4	25
74	Preliminary In Vivo Evidence of Reduced Synaptic Density in Human Immunodeficiency Virus (HIV) Despite Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 73, 1404-1411.	5.8	25
75	Association of entorhinal cortical tau deposition and hippocampal synaptic density in older individuals with normal cognition and early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2022, 111, 44-53.	3.1	25
76	PET Imaging Evaluation of Four ^{18}F Radiotracers in Nonhuman Primates. <i>Journal of Nuclear Medicine</i> , 2017, 58, 982-988.	5.0	24
77	1-(4- ^{18}F Fluorobenzyl)-4-[(tetrahydrofuran-2-yl)methyl]piperazine: A Novel Suitable Radioligand with Low Lipophilicity for Imaging ^{1}f Receptors in the Brain. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4161-4172.	6.4	24
78	Imaging sigma receptors in the brain: New opportunities for diagnosis of Alzheimer's disease and therapeutic development. <i>Neuroscience Letters</i> , 2019, 691, 3-10.	2.1	24
79	Synthesis and pharmacological characterization of a new PET ligand for the serotonin transporter: [^{11}C]5-bromo-2-[2-(dimethylaminomethylphenylsulfanyl)]phenylamine ([^{11}C]DAPA). <i>Nuclear Medicine and Biology</i> , 2002, 29, 741-751.	0.6	23
80	Preparation of the metabotropic glutamate receptor 5 (mGluR5) PET tracer [^{18}F]FPEB for human use: An automated radiosynthesis and a novel one-pot synthesis of its radiolabeling precursor. <i>Applied Radiation and Isotopes</i> , 2014, 94, 349-354.	1.5	23
81	Fluorine-18-Labeled Antagonist for PET Imaging of Kappa Opioid Receptors. <i>ACS Chemical Neuroscience</i> , 2017, 8, 12-16.	3.5	23
82	Preclinical In Vitro and In Vivo Characterization of Synaptic Vesicle 2A Targeting Compounds Amenable to F-18 Labeling as Potential PET Radioligands for Imaging of Synapse Integrity. <i>Molecular Imaging and Biology</i> , 2020, 22, 832-841.	2.6	23
83	Assessment of test-retest reproducibility of [^{18}F]SynVesT-1, a novel radiotracer for PET imaging of synaptic vesicle glycoprotein 2A. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1327-1338.	6.4	23
84	A PET imaging agent with fast kinetics: synthesis and in vivo evaluation of the serotonin transporter and Biology, 2004, 31, 727-738.	0.6	22
85	Evaluation of PET Brain Radioligands for Imaging Pancreatic β -Cell Mass: Potential Utility of ^{11}C -(+)-PHNO. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1249-1254.	5.0	22
86	Social status and demographic effects of the kappa opioid receptor: a PET imaging study with a novel agonist radiotracer in healthy volunteers. <i>Neuropsychopharmacology</i> , 2019, 44, 1714-1719.	5.4	22
87	Epibatidine analogues as selective ligands for the α -containing subtypes of nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4385-4388.	2.2	21
88	The new PET imaging agent [^{11}C]AFE is a selective serotonin transporter ligand with fast brain uptake kinetics. <i>Nuclear Medicine and Biology</i> , 2004, 31, 983-994.	0.6	20
89	PET imaging evaluation of [^{18}F]DBT-10, a novel radioligand specific to α 7 nicotinic acetylcholine receptors, in nonhuman primates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 537-547.	6.4	20
90	Development and In Vivo Evaluation of a μ -Opioid Receptor Agonist as a PET Radiotracer with Superior Imaging Characteristics. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1023-1030.	5.0	20

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91	Development of [⁸⁹ Zr]ZrDFO-amivantamab bispecific to EGFR and c-MET for PET imaging of triple-negative breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 383-394.	6.4	20
92	Quantification of SV2A Binding in Rodent Brain Using [¹⁸ F]SynVesT-1 and PET Imaging. <i>Molecular Imaging and Biology</i> , 2021, 23, 372-381.	2.6	20
93	Synthesis of [¹⁸ F]FMISO in a flow-through microfluidic reactor: Development and clinical application. <i>Nuclear Medicine and Biology</i> , 2015, 42, 578-584.	0.6	19
94	PET Imaging of Pancreatic Dopamine D ₂ and D ₃ Receptor Density with ¹¹ C-(+)-PHNO in Type 1 Diabetes. <i>Journal of Nuclear Medicine</i> , 2020, 61, 570-576.	5.0	19
95	Simplified Quantification of ¹¹ C-UCB-J PET Evaluated in a Large Human Cohort. <i>Journal of Nuclear Medicine</i> , 2021, 62, 418-421.	5.0	19
96	Optimized and Automated Radiosynthesis of [¹⁸ F]DHMT for Translational Imaging of Reactive Oxygen Species with Positron Emission Tomography. <i>Molecules</i> , 2016, 21, 1696.	3.8	18
97	¹⁸ F-Labeled indole-based analogs as highly selective radioligands for imaging sigma-2 receptors in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3792-3802.	3.0	18
98	Tracer Kinetic Modeling of [¹¹ C]AFM, a New PET Imaging Agent for the Serotonin Transporter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1886-1896.	4.3	17
99	Synthesis and evaluation of a ¹⁸ F-labeled spirocyclic piperidine derivative as promising α_1 receptor imaging agent. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5270-5278.	3.0	17
100	Evaluation of [¹⁸ F]-(-)-norchlorofluorohomoepibatidine ([¹⁸ F]-(-)-NCFHEB) as a PET radioligand to image the nicotinic acetylcholine receptors in non-human primates. <i>Nuclear Medicine and Biology</i> , 2015, 42, 570-577.	0.6	17
101	Quantitative Analysis of Dynamic ¹²³ I-mIBG SPECT Imaging Data in Healthy Humans with a Population-Based Metabolite Correction Method. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1226-1232.	5.0	17
102	Quantification of Tumor Hypoxic Fractions Using Positron Emission Tomography with [¹⁸ F]Fluoromisonidazole ([¹⁸ F]FMISO) Kinetic Analysis and Invasive Oxygen Measurements. <i>Molecular Imaging and Biology</i> , 2017, 19, 893-902.	2.6	17
103	Evaluation of ¹¹ C-LSN3172176 as a Novel PET Tracer for Imaging M ₁ Muscarinic Acetylcholine Receptors in Nonhuman Primates. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1147-1153.	5.0	17
104	In vivo 5-HT ₆ and 5-HT _{2A} receptor availability in antipsychotic treated schizophrenia patients vs. unmedicated healthy humans measured with [¹¹ C]GSK215083 PET. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111007.	1.8	17
105	Occupancy of the kappa opioid receptor by naltrexone predicts reduction in drinking and craving. <i>Molecular Psychiatry</i> , 2021, 26, 5053-5060.	7.9	17
106	Evaluation of the Lysophosphatidic Acid Receptor Type 1 Radioligand ¹¹ C-BMT-136088 for Lung Imaging in Rhesus Monkeys. <i>Journal of Nuclear Medicine</i> , 2018, 59, 327-333.	5.0	16
107	Quantification of Positron Emission Tomography Data Using Simultaneous Estimation of the Input Function: Validation with Venous Blood and Replication of Clinical Studies. <i>Molecular Imaging and Biology</i> , 2019, 21, 926-934.	2.6	16
108	A metabolically stable PET tracer for imaging synaptic vesicle protein 2A: synthesis and preclinical characterization of [¹⁸ F]SDM-16. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1482-1496.	6.4	16

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109	Lower prefrontal cortical synaptic vesicle binding in cocaine use disorder: An exploratory ¹¹ C- β -CIT positron emission tomography study in humans. <i>Addiction Biology</i> , 2022, 27, e13123.	2.6	16
110	Neuroprotective Effects of Jitai Tablet, a Traditional Chinese Medicine, on the MPTP-Induced Acute Model of Parkinson's Disease: Involvement of the Dopamine System. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	1.2	15
111	A Promising PET Tracer for Imaging of $\alpha 7$ Nicotinic Acetylcholine Receptors in the Brain: Design, Synthesis, and in Vivo Evaluation of a Dibenzothiophene-Based Radioligand. <i>Molecules</i> , 2015, 20, 18387-18421.	3.8	13
112	Preclinical Evaluation of ¹⁸ F-PF-05270430, a Novel PET Radioligand for the Phosphodiesterase 2A Enzyme. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1448-1453.	5.0	13
113	The Effect of Treatment with Guanfacine, an Alpha2 Adrenergic Agonist, on Dopaminergic Tone in Tobacco Smokers: An [¹¹ C]FLB457 PET Study. <i>Neuropsychopharmacology</i> , 2018, 43, 1052-1058.	5.4	12
114	A Novel ¹⁸ F-Labeled Radioligand for Positron Emission Tomography Imaging of 11 β -Hydroxysteroid Dehydrogenase (11 β -HSD1): Synthesis and Preliminary Evaluation in Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2450-2458.	3.5	12
115	Synthesis of potent and selective serotonin 5-HT1B receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4786-4789.	2.2	11
116	Enhanced selective serotonin re-uptake inhibitors as antidepressants: 2004 – 2006. <i>Expert Opinion on Therapeutic Patents</i> , 2007, 17, 889-907.	5.0	11
117	Imaging the Enzyme 11 β -Hydroxysteroid Dehydrogenase Type 1 with PET: Evaluation of the Novel Radiotracer ¹¹ C-AS2471907 in Human Brain. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1140-1146.	5.0	11
118	Cortical abnormalities of synaptic vesicle protein 2A in focal cortical dysplasia type II identified in vivo with 18F-SynVesT-1 positron emission tomography imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3482-3491.	6.4	11
119	Measurement of B_{max} and K_d with the Glycine Transporter 1 Radiotracer ¹⁸ F-MK6577 using a Novel Multi-Infusion Paradigm. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2001-2009.	4.3	10
120	Longitudinal changes of dopamine transporters in heroin users during abstinence. <i>Psychopharmacology</i> , 2015, 232, 3391-3401.	3.1	10
121	First in-human PET study and kinetic evaluation of [¹⁸ F]AS2471907 for imaging 11 β -hydroxysteroid dehydrogenase type 1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 695-704.	4.3	10
122	Positron Emission Tomography Imaging Evaluation of a Novel 18F-Labeled Sigma-1 Receptor Radioligand in Cynomolgus Monkeys. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1673-1681.	3.5	10
123	Preclinical Advances in Theranostics for the Different Molecular Subtypes of Breast Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 627693.	3.5	10
124	Effect of age on brain metabotropic glutamate receptor subtype 5 measured with [18F]FPEB PET. <i>NeuroImage</i> , 2021, 238, 118217.	4.2	10
125	Imaging brain cortisol regulation in PTSD with a target for 11 β -hydroxysteroid dehydrogenase type 1. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	10
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