

# Hank F Kung

## List of Publications by Year in descending order

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275  
papers

15,355  
citations

15466

65  
h-index

23472

111  
g-index

279  
all docs

279  
docs citations

279  
times ranked

11707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Flortetapir-PET for Imaging $\beta$ -Amyloid Pathology. JAMA - Journal of the American Medical Association, 2011, 305, 275.	3.8	927
2	In Vivo Imaging of Amyloid Deposition in Alzheimer Disease Using the Radioligand $^{18}\text{F}$ -AV-45 (Flortetapir F 18). Journal of Nuclear Medicine, 2010, 51, 913-920.	2.8	607
3	Increased striatal dopamine transporter in adult patients with attention deficit hyperactivity disorder: effects of methylphenidate as measured by single photon emission computed tomography. Neuroscience Letters, 2000, 285, 107-110.	1.0	464
4	Preclinical Properties of $^{18}\text{F}$ -AV-45: A PET Agent for $\text{A}\beta$ Plaques in the Brain. Journal of Nuclear Medicine, 2009, 50, 1887-1894.	2.8	396
5	5-HT <sub>1A</sub> Autoreceptor Levels Determine Vulnerability to Stress and Response to Antidepressants. Neuron, 2010, 65, 40-52.	3.8	373
6	Altered depression-related behaviors and functional changes in the dorsal raphe nucleus of serotonin transporter-deficient mice. Biological Psychiatry, 2003, 54, 960-971.	0.7	338
7	In-Vivo Imaging of Alzheimer Disease $\beta$ -Amyloid With [ $^{11}\text{C}$ ]SB-13 PET. American Journal of Geriatric Psychiatry, 2004, 12, 584-595.	0.6	283
8	Glutamine-based PET imaging facilitates enhanced metabolic evaluation of gliomas in vivo. Science Translational Medicine, 2015, 7, 274ra17.	5.8	257
9	Microdialysis and SPECT measurements of amphetamine-induced dopamine release in nonhuman primates. , 1997, 25, 1-14.		246
10	Iron oxide nanoparticles as magnetic resonance contrast agent for tumor imaging via folate receptor-targeted delivery. Academic Radiology, 2004, 11, 996-1004.	1.3	238
11	Structure-Activity Relationship of Imidazo[1,2-a]pyridines as Ligands for Detecting $\beta$ -Amyloid Plaques in the Brain. Journal of Medicinal Chemistry, 2003, 46, 237-243.	2.9	217
12	$^{18}\text{F}$ -Polyethyleneglycol stilbenes as PET imaging agents targeting $\text{A}\beta$ aggregates in the brain. Nuclear Medicine and Biology, 2005, 32, 799-809.	0.3	217
13	$^{11}\text{C}$ -labeled stilbene derivatives as $\text{A}\beta$ -aggregate-specific PET imaging agents for Alzheimer's disease. Nuclear Medicine and Biology, 2003, 30, 565-571.	0.3	212
14	IMPY: an improved thioflavin-T derivative for in vivo labeling of $\beta$ -amyloid plaques. Brain Research, 2002, 956, 202-210.	1.1	204
15	Imaging of dopamine transporters in humans with technetium-99m TRODAT 1. European Journal of Nuclear Medicine and Molecular Imaging, 1996, 23, 1527-1530.	2.2	201
16	Congo red and thioflavin-T analogs detect $\text{A}\beta$ oligomers. Journal of Neurochemistry, 2008, 104, 457-468.	2.1	198
17	Novel Stilbenes as Probes for Amyloid Plaques. Journal of the American Chemical Society, 2001, 123, 12740-12741.	6.6	181
18	$^{18}\text{F}$ Stilbenes and Styrylpyridines for PET Imaging of $\text{A}\beta$ Plaques in Alzheimer's Disease: A Miniperspective. Journal of Medicinal Chemistry, 2010, 53, 933-941.	2.9	179

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19	Serotonin-1A Autoreceptors Are Necessary and Sufficient for the Normal Formation of Circuits Underlying Innate Anxiety. <i>Journal of Neuroscience</i> , 2011, 31, 6008-6018.	1.7	169
20	2-((2-((dimethylamino)methyl)phenyl)thio)-5-iodophenylamine (ADAM): an improved serotonin transporter ligand. <i>Nuclear Medicine and Biology</i> , 2000, 27, 249-254.	0.3	151
21	PET Imaging of Glutaminolysis in Tumors by <sup>18</sup> F-(2S,4R)-4-Fluoroglutamine. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1947-1955.	2.8	149
22	Synthesis and Characterization of Technetium-99m-Labeled Tropanes as Dopamine Transporter-Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 9-17.	2.9	147
23	Isoindol-1-one Analogues of 4-(2-methoxyphenyl)-1-[2-[N-(2-pyridyl)-p-iodobenzamido]ethyl]piperazine (p-MPPI) as 5-HT <sub>1A</sub> Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 157-166.	2.9	145
24	F-18 Stilbenes as PET Imaging Agents for Detecting $\beta$ -Amyloid Plaques in the Brain. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5980-5988.	2.9	145
25	Synthesis of Optically Pure 4-Fluoro-Glutamines as Potential Metabolic Imaging Agents for Tumors. <i>Journal of the American Chemical Society</i> , 2011, 133, 1122-1133.	6.6	144
26	Relationship between clinical features of Parkinson's disease and presynaptic dopamine transporter binding assessed with [ <sup>123</sup> I]IPT and single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 415-421.	2.2	136
27	PET/SPECT imaging agents for neurodegenerative diseases. <i>Chemical Society Reviews</i> , 2014, 43, 6683-6691.	18.7	131
28	Benzofuran derivatives as A $\beta$ -aggregate-specific imaging agents for Alzheimer's disease. <i>Nuclear Medicine and Biology</i> , 2002, 29, 633-642.	0.3	129
29	Binding of two potential imaging agents targeting amyloid plaques in postmortem brain tissues of patients with Alzheimer's disease. <i>Brain Research</i> , 2004, 1025, 98-105.	1.1	129
30	[ <sup>99m</sup> Tc]TRODAT-1: A novel technetium-99m complex as a dopamine transporter imaging agent. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 372-380.	2.2	128
31	In Vivo Measurement of Vesicular Monoamine Transporter Type 2 Density in Parkinson Disease with <sup>18</sup> F-AV-133. <i>Journal of Nuclear Medicine</i> , 2010, 51, 223-228.	2.8	122
32	Preparation and Characterization of l-[ <sup>11</sup> C]-Glutamine for Metabolic Imaging of Tumors. <i>Journal of Nuclear Medicine</i> , 2012, 53, 98-105.	2.8	117
33	Subcellular Localization of Sigma-2 Receptors in Breast Cancer Cells Using Two-Photon and Confocal Microscopy. <i>Cancer Research</i> , 2007, 67, 6708-6716.	0.4	112
34	Correlation of Amyloid PET Ligand Florbetapir F 18 Binding With A $\beta$ Aggregation and Neuritic Plaque Deposition in Postmortem Brain Tissue. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 8-16.	0.6	112
35	IBOX(2-(4-dimethylaminophenyl)-6-iodobenzoxazole): a ligand for imaging amyloid plaques in the brain. <i>Nuclear Medicine and Biology</i> , 2001, 28, 887-894.	0.3	111
36	Comparative Evaluation in Nonhuman Primates of Five PET Radiotracers for Imaging the Serotonin Transporters: [ <sup>11</sup> C]McN 5652, [ <sup>11</sup> C]ADAM, [ <sup>11</sup> C]DASB, [ <sup>11</sup> C]DAPA, and [ <sup>11</sup> C]AFM. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 1377-1398.	2.4	111

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37	Synthesis And Evaluation of 4-(2'-Methoxyphenyl)-1-[2'-[N-(2''-pyridinyl)-p-iodobenzamido]ethyl]piperazine (p-MPPI): A New Iodinated 5-HT1A Ligand. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 1406-1407.	2.9	105
38	Mass effect of injected dose in small rodent imaging by SPECT and PET. <i>Nuclear Medicine and Biology</i> , 2005, 32, 673-678.	0.3	105
39	<sup>18</sup> F-labeled styrylpyridines as PET agents for amyloid plaque imaging. <i>Nuclear Medicine and Biology</i> , 2007, 34, 89-97.	0.3	103
40	First Example of a <sup>99m</sup> Tc Complex as a Dopamine Transporter Imaging Agent. <i>Journal of the American Chemical Society</i> , 1995, 117, 11037-11038.	6.6	101
41	Novel Benzofuran Derivatives for PET Imaging of <sup>125</sup> I-Amyloid Plaques in Alzheimer's Disease Brains. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2725-2730.	2.9	100
42	Small animal imaging with high resolution single photon emission tomography. <i>Nuclear Medicine and Biology</i> , 2003, 30, 889-895.	0.3	99
43	The <sup>125</sup> I-Amyloid Hypothesis in Alzheimer's Disease: Seeing Is Believing. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 265-267.	1.3	99
44	Safety, biodistribution, and dosimetry of <sup>123</sup> I-IMPY: a novel amyloid plaque-imaging agent for the diagnosis of Alzheimer's disease. <i>Journal of Nuclear Medicine</i> , 2006, 47, 748-54.	2.8	99
45	p-[ <sup>18</sup> F]-MPPF: A potential radioligand for PET studies of 5-HT1A receptors in humans. , 1997, 25, 147-154.		95
46	New brain perfusion imaging agents based on technetium-99m bis(aminoethanethiol) complexes: stereoisomers and biodistribution. <i>Journal of Medicinal Chemistry</i> , 1989, 32, 433-437.	2.9	93
47	In Vivo Imaging of <sup>125</sup> I-Cell Mass in Rats Using <sup>18</sup> F-FP-(+)-DTBZ: A Potential PET Ligand for Studying Diabetes Mellitus. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1171-1176.	2.8	90
48	A rapid one-step radiosynthesis of the <sup>125</sup> I-amyloid imaging radiotracer N-methyl-[ <sup>11</sup> C]2-(4- <sup>2</sup> -methylaminophenyl)-6-hydroxybenzothiazole ([ <sup>11</sup> C]-6-OH-BTA-1). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 679-682.	0.5	88
49	Synthesis and Evaluation of <sup>18</sup> F-Labeled 2-Phenylbenzothiazoles as Positron Emission Tomography Imaging Agents for Amyloid Plaques in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1428-1437.	2.9	87
50	Enantioselective Radiosynthesis of Positron Emission Tomography (PET) Tracers Containing [ <sup>18</sup> F]Fluorohydrins. <i>Journal of the American Chemical Society</i> , 2014, 136, 5291-5294.	6.6	85
51	Dopamine D-2 receptor imaging radiopharmaceuticals: synthesis, radiolabeling and in vitro binding of (R)-(+)- and (S)-(-)-3-iodo-2-hydroxy-6-methoxy-N-[(1-ethyl-2-pyrrolidinyl)methyl]benzamide. <i>Journal of Medicinal Chemistry</i> , 1988, 31, 1039-1043.	2.9	83
52	Synthesis and Characterization of Radioiodinated N-(3-Iodopropen-1-yl)-2.beta.-carbomethoxy-3.beta.-(4-chlorophenyl)tropanes: Potential Dopamine Reuptake Site Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 1535-1542.	2.9	82
53	Selective in vitro and in vivo binding of [ <sup>125</sup> I]ADAM to serotonin transporters in rat brain. <i>Synapse</i> , 2000, 38, 403-412.	0.6	81
54	The Fluorescent Congo Red Derivative, (Trans,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (Trans)â”1-Bromo-2,5-Bis-(3-Hydroxycarbonyl) Sheet Structures in Postmortem Human Neurodegenerative Disease Brains. <i>American Journal of Pathology</i> , 2001, 159, 937-943.	1.9	81

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55	Comparative Evaluation of <sup>18</sup> F-Labeled Glutamic Acid and Glutamine as Tumor Metabolic Imaging Agents. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1616-1624.	2.8	81
56	Stimulant-like action of nicotine on striatal dopamine transporter in the brain of adults with attention deficit hyperactivity disorder. <i>International Journal of Neuropsychopharmacology</i> , 2002, 5, 111-3.	1.0	80
57	In Vivo PET Assay of Tumor Glutamine Flux and Metabolism: In-Human Trial of <sup>18</sup> F-(2 <i>S</i> ,4 <i>R</i> )-4-Fluoroglutamine. <i>Radiology</i> , 2018, 287, 667-675.	3.6	80
58	HIPDM Single Photon Emission Computed Tomography Brain Imaging in Partial Onset Secondly Generalized Tonic-Clonic Seizures. <i>Epilepsia</i> , 1987, 28, 305-311.	2.6	79
59	Synthesis and characterization of iodobenzamide analogs: potential D-2 dopamine receptor imaging agents. <i>Journal of Medicinal Chemistry</i> , 1990, 33, 171-178.	2.9	78
60	Fluoroalkyl derivatives of dihydrotetrabenazine as positron emission tomography imaging agents targeting vesicular monoamine transporters. <i>Nuclear Medicine and Biology</i> , 2006, 33, 685-694.	0.3	76
61	[ <sup>18</sup> F](2 <i>S</i> ,4 <i>R</i> )-4-Fluoroglutamine PET Detects Glutamine Pool Size Changes in Triple-Negative Breast Cancer in Response to Glutaminase Inhibition. <i>Cancer Research</i> , 2017, 77, 1476-1484.	0.4	75
62	Development of a Tc-99m labeled sigma-2 receptor-specific ligand as a potential breast tumor imaging agent. <i>Nuclear Medicine and Biology</i> , 2001, 28, 657-666.	0.3	71
63	Characterization of optically resolved 9-fluoropropyl-dihydrotetrabenazine as a potential PET imaging agent targeting vesicular monoamine transporters. <i>Nuclear Medicine and Biology</i> , 2007, 34, 239-246.	0.3	71
64	Lack of Discrimination by Agonists for D2 and D3 Dopamine Receptors. <i>Neuropsychopharmacology</i> , 1995, 12, 335-345.	2.8	70
65	IPT: A novel iodinated ligand for the CNS dopamine transporter. <i>Synapse</i> , 1995, 20, 316-324.	0.6	68
66	In vivo detection of stem cells grafted in infarcted rat myocardium. <i>Journal of Nuclear Medicine</i> , 2005, 46, 816-22.	2.8	67
67	A New Single-Photon Emission Computed Tomography Imaging Agent for Serotonin Transporters: <sup>123</sup> I-IDAM, 5-Iodo-2-((2-((dimethylamino)methyl)phenyl)thio)benzyl Alcohol. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 333-335.	2.9	66
68	Pharmacological effects of dopaminergic drugs on in vivo binding of [ <sup>99m</sup> Tc]TRODAT-1 to the central dopamine transporters in rats. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 25, 31-39.	3.3	65
69	Radiopharmaceuticals for single-photon emission computed tomography brain imaging. <i>Seminars in Nuclear Medicine</i> , 2003, 33, 2-13.	2.5	63
70	Metabolic Imaging of Glutamine in Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 533-537.	2.8	63
71	Florbetapir F-18: A Histopathologically Validated Beta-Amyloid Positron Emission Tomography Imaging Agent. <i>Seminars in Nuclear Medicine</i> , 2011, 41, 300-304.	2.5	62
72	Tc-99m-Labeled Tropanes as Dopamine Transporter Imaging Agents. <i>Bioconjugate Chemistry</i> , 1996, 7, 421-429.	1.8	61

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73	Specificity of Diastereomers of [ <sup>99m</sup> Tc]TRODAT-1 as Dopamine Transporter Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 428-436.	2.9	61
74	Fluoro-pegylated (FPEG) Imaging Agents Targeting A $\beta$ Aggregates. <i>Bioconjugate Chemistry</i> , 2007, 18, 238-246.	1.8	61
75	Comparative Evaluation in Nonhuman Primates of Five PET Radiotracers for Imaging the Serotonin Transporters: [ <sup>11</sup> C]McN 5652, [ <sup>11</sup> C]ADAM, [ <sup>11</sup> C]DASB, [ <sup>11</sup> C]DAPA, and [ <sup>11</sup> C]AFM. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, , 1377-1398.	2.4	60
76	A potential 5-HT <sub>1A</sub> receptor antagonist: p-MPPI. <i>Life Sciences</i> , 1994, 55, 1459-1462.	2.0	59
77	Studies into radiolytic decomposition of fluorine-18 labeled radiopharmaceuticals for positron emission tomography. <i>Applied Radiation and Isotopes</i> , 2009, 67, 88-94.	0.7	58
78	Characterization of [ <sup>123</sup> I]IDAM as a novel single-photon emission tomography tracer for serotonin transporters. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 844-853.	3.3	57
79	Quick Assembly of 1,4-Diphenyltriazoles as Probes Targeting $\beta$ -Amyloid Aggregates in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3380-3387.	2.9	55
80	Embryonic Stem Cell Grafting in Normal and Infarcted Myocardium: Serial Assessment with MR Imaging and PET Dual Detection. <i>Radiology</i> , 2009, 250, 821-829.	3.6	55
81	[ <sup>18</sup> F](2-(S)-4-(3-Fluoropropyl)glutamine as a Tumor Imaging Agent. <i>Molecular Pharmaceutics</i> , 2014, 11, 3852-3866.	2.3	55
82	In vivo binding of [ <sup>123</sup> I]4-(2-methoxy phenyl)-1-[2-(N-pyridinyl)-P-iodobenzamido]-ethyl-piperazine, p-MPPI, to 5-HT <sub>1A</sub> receptors in rat brain. <i>Synapse</i> , 1994, 18, 359-366.	0.6	54
83	Biphenyls labeled with technetium 99m for imaging $\beta$ -amyloid plaques in the brain. <i>Nuclear Medicine and Biology</i> , 2005, 32, 171-184.	0.3	53
84	Short Communication New 5-HT <sub>1A</sub> receptor antagonist: [3H]p-MPPF. , 1996, 23, 344-346.		49
85	A Stereoselective Synthesis of dl-threo-Methylphenidate: Preparation and Biological Evaluation of Novel Analogues. <i>Journal of Organic Chemistry</i> , 1998, 63, 9628-9629.	1.7	49
86	Simplified reference region model for the kinetic analysis of [ <sup>99m</sup> Tc]TRODAT-1 binding to dopamine transporters in nonhuman primates using single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 518-526.	3.3	49
87	Isomerization of (Z,Z) to (E,E) 1-Bromo-2,5-bis-(3-hydroxycarbonyl-4-hydroxy)styrylbenzene in Strong Base: Probes for Amyloid Plaques in the Brain. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2270-2275.	2.9	49
88	Development of Tc-99m labeled tropanes: TRODAT-1, as a dopamine transporter imaging agent. <i>Nuclear Medicine and Biology</i> , 2001, 28, 505-508.	0.3	48
89	Dimethylamino-fluorenes: ligands for detecting $\beta$ -amyloid plaques in the brain. <i>Nuclear Medicine and Biology</i> , 2003, 30, 573-580.	0.3	48
90	New PET Imaging Agent for the Serotonin Transporter: [ <sup>18</sup> F]ACF (2-[(2-Amino-4-chloro-5-fluorophenyl)thio]-N,N-dimethyl-benzenmethanamine). <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4716-4723.	2.9	47

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91	Small and Neutral TcvO BAT, Bisaminoethanethiol (N2S2) Complexes for Developing New Brain Imaging Agents. <i>Nuclear Medicine and Biology</i> , 1998, 25, 135-140.	0.3	45
92	Characterization of a novel iodinated sigma-2 receptor ligand as a cell proliferation marker. <i>Nuclear Medicine and Biology</i> , 2006, 33, 203-209.	0.3	45
93	Pharmacokinetics of [18F]fluoroalkyl derivatives of dihydrotetrabenazine in rat and monkey brain. <i>Nuclear Medicine and Biology</i> , 2007, 34, 233-237.	0.3	45
94	Novel Styrylpyridines as Probes for SPECT Imaging of Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2157-2165.	2.9	45
95	Radioiodine-labeled N,N-dimethyl-N'-[2-hydroxy-3-alkyl-5-iodobenzyl]-1,3-propanediamines for brain perfusion imaging. <i>Journal of Medicinal Chemistry</i> , 1983, 26, 121-125.	2.9	44
96	Clinical acceptance of a molecular imaging agent: a long march with [99mTc]TRODAT. <i>Nuclear Medicine and Biology</i> , 2007, 34, 787-789.	0.3	44
97	In vitro binding properties and autoradiographic imaging of 3-iodobenzamide ([125I]-IBZM): A potential imaging ligand for D-2 dopamine receptors in spect. <i>Life Sciences</i> , 1988, 42, 2097-2104.	2.0	43
98	Multidentate <sup>18</sup> F-Polypegylated Styrylpyridines As Imaging Agents for A $\beta$ Plaques in Cerebral Amyloid Angiopathy (CAA). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8085-8098.	2.9	42
99	N,N-dimethyl-2-(2-amino-4-(18)F-fluorophenylthio)-benzylamine (4-(18)F-ADAM): an improved PET radioligand for serotonin transporters. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1890-7.	2.8	42
100	Detection of Amyloid Plaques by Radioligands for A $\beta$ 240 and A $\beta$ 242: Potential Imaging Agents in Alzheimer's Patients. <i>Journal of Molecular Neuroscience</i> , 2003, 20, 15-24.	1.1	41
101	Design, synthesis, and structure-activity relationship of novel thiophene derivatives for $\beta$ -amyloid plaque imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1350-1352.	1.0	41
102	Iodinated tomoxetine derivatives as selective ligands for serotonin and norepinephrine uptake sites. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 4492-4497.	2.9	39
103	Optimization of automated radiosynthesis of [18F]AV-45: a new PET imaging agent for Alzheimer's disease. <i>Nuclear Medicine and Biology</i> , 2010, 37, 917-925.	0.3	39
104	Biodistribution and imaging with (123)I-ADAM: a serotonin transporter imaging agent. <i>Journal of Nuclear Medicine</i> , 2004, 45, 834-41.	2.8	39
105	In vivo imaging of vesicular monoamine transporter 2 in pancreas using an 18F epoxide derivative of tetrabenazine. <i>Nuclear Medicine and Biology</i> , 2008, 35, 825-837.	0.3	38
106	An improved radiosynthesis of [18F]AV-133: a PET imaging agent for vesicular monoamine transporter 2. <i>Nuclear Medicine and Biology</i> , 2010, 37, 133-141.	0.3	38
107	In vivo studies of the SERT-selective [18F]FPBM and VMAT2-selective [18F]AV-133 radiotracers in a rat model of Parkinson's disease. <i>Nuclear Medicine and Biology</i> , 2010, 37, 479-486.	0.3	38
108	In Vivo Assessment of Vesicular Monoamine Transporter Type 2 in Dementia With Lewy Bodies and Alzheimer Disease. <i>Archives of Neurology</i> , 2011, 68, 905.	4.9	38



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109	Synthesis of (R,S)-trans-8-hydroxy-2-[N-n-propyl-N-(3'-iodo-2'-propenyl)amino]tetralin (trans) Tj ETQq1 1 0.784314 259 /Overlock 10 37	0.8	37
110	The 5-HT1A Receptor Antagonist p-MPPI Blocks Responses Mediated by Postsynaptic and Presynaptic 5-HT1A Receptors. <i>Pharmacology Biochemistry and Behavior</i> , 1997, 57, 301-307.	1.3	37
111	Differential Diagnosis in Alzheimer's Disease and Dementia with Lewy Bodies via VMAT2 and Amyloid Imaging. <i>Neurodegenerative Diseases</i> , 2012, 10, 161-165.	0.8	37
112	Derivatives of 4-(2'-Methoxyphenyl)-1-[2'-(N-2"-pyridinyl-p-iodobenzamido)ethyl]piperazine (p-MPPI) as 5-HT1A Ligands. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 4572-4575.	2.9	36
113	Peracetic acid as a superior oxidant for preparation of [123I]IBZM: A potential dopamine D-2 receptor imaging agent. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1989, 27, 691-700.	0.5	35
114	Selective binding of 2-[125I]iodo-nisoxetine to norepinephrine transporters in the brain. <i>Nuclear Medicine and Biology</i> , 2004, 31, 533-541.	0.3	35
115	Automatic segmentation of dynamic neuroreceptor single-photon emission tomography images using fuzzy clustering. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 581-590.	3.3	34
116	Facile Synthesis [5-13C-4-2H2]-L-Glutamine for Hyperpolarized MRS Imaging of Cancer Cell Metabolism. <i>Academic Radiology</i> , 2011, 18, 932-939.	1.3	34
117	Synthesis and evaluation of two novel 2-nitroimidazole derivatives as potential PET radioligands for tumor imaging. <i>Nuclear Medicine and Biology</i> , 2011, 38, 501-508.	0.3	34
118	Multimodal image coregistration and inducible selective cell ablation to evaluate imaging ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20719-20724.	3.3	34
119	New conformationally restricted technetium-99m N2S2 complexes as myocardial perfusion imaging agents. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 157-162.	2.9	33
120	New technetium 99m-labeled brain perfusion imaging agents. <i>Seminars in Nuclear Medicine</i> , 1990, 20, 150-158.	2.5	32
121	Elevated striatal dopamine transporter in a drug naive patient with Tourette syndrome and attention deficit/ hyperactivity disorder: positive effect of methylphenidate. <i>Journal of Neurology</i> , 2002, 249, 1116-1118.	1.8	32
122	In Vivo Quantitative Noninvasive Imaging of Gene Transfer by Single-Photon Emission Computerized Tomography. <i>Human Gene Therapy</i> , 2003, 14, 255-261.	1.4	32
123	Synthesis and evaluation of 18F labeled alanine derivatives as potential tumor imaging agents. <i>Nuclear Medicine and Biology</i> , 2012, 39, 933-943.	0.3	32
124	Synthesis and evaluation of a novel urea-based 68 Ga-complex for imaging PSMA binding in tumor. <i>Nuclear Medicine and Biology</i> , 2018, 59, 36-47.	0.3	32
125	Iodinated 2-Aminotetralins and 3-Amino-1-benzopyrans: Ligands for Dopamine D2 and D3 Receptors. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 4245-4250.	2.9	31
126	Simplified quantification of dopamine transporters in humans using [99mTc]TRODAT-1 and single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 1714-1718.	3.3	31



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127	Radioiodinated styrylbenzene derivatives as potential SPECT imaging agents for amyloid plaque detection in Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2002, 19, 7-10.	1.1	31
128	New Diphenylacetylenes as Probes for Positron Emission Tomographic Imaging of Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2415-2423.	2.9	31
129	Synthesis of fluorescent probes based on stilbenes and diphenylacetylenes targeting $\beta$ -amyloid plaques. <i>Tetrahedron Letters</i> , 2008, 49, 3395-3399.	0.7	31
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