

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	Head-to-head comparison of [⁶⁸ Ga]Ga-P16-093 and [⁶⁸ Ga]Ga-PSMA-617 in dynamic PET/CT evaluation of the same group of recurrent prostate cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1052-1062.	3.3	10
2	Kit-based preparation of [⁶⁸ Ga]Ga-P16-093 (PSMA-093) using different commercial ⁶⁸ Ge/ ⁶⁸ Ga generators. <i>Nuclear Medicine and Biology</i> , 2022, 106-107, 1-9.	0.3	4
3	Preliminary Evaluation of ⁶⁸ Ga-P16-093, a PET Radiotracer Targeting Prostate-Specific Membrane Antigen in Prostate Cancer. <i>Molecular Imaging and Biology</i> , 2022, 24, 710-720.	1.3	9
4	Preclinical evaluation of [¹⁸ F]D3FSP, deuterated AV-45, for imaging of β 2-amyloid in the brain. <i>Nuclear Medicine and Biology</i> , 2021, 92, 97-106.	0.3	7
5	Development and validation of a kit formulation of [⁶⁸ Ga]Ga-P15-041 as a bone imaging agent. <i>Applied Radiation and Isotopes</i> , 2021, 169, 109485.	0.7	8
6	Radiolabeling Optimization and Preclinical Evaluation of the New PSMA Imaging Agent [¹⁸ F]AlF-P16-093. <i>Bioconjugate Chemistry</i> , 2021, 32, 1017-1026.	1.8	8
7	A New Highly Deuterated [¹⁸ F]AV-45, [¹⁸ F]D15FSP, for Imaging β 2-Amyloid Plaques in the Brain. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1086-1092.	1.3	10
8	⁶⁸ Ga-labelled-exendin-4: New GLP1R targeting agents for imaging pancreatic β 2-cell and insulinoma. <i>Nuclear Medicine and Biology</i> , 2021, 102-103, 87-96.	0.3	5
9	Evaluating [⁶⁸ Ga]Ga-p14-032 as a Novel PET Tracer for Diagnosis Cerebral Amyloid Angiopathy. <i>Frontiers in Neurology</i> , 2021, 12, 702185.	1.1	4
10	⁶⁸ Ga-P15-041, A Novel Bone Imaging Agent for Diagnosis of Bone Metastases. <i>Frontiers in Oncology</i> , 2021, 11, 766851.	1.3	4
11	[⁶⁸ Ga]Ga-P16-093 as a PSMA-Targeted PET Radiopharmaceutical for Detection of Cancer: Initial Evaluation and Comparison with [⁶⁸ Ga]Ga-PSMA-11 in Prostate Cancer Patients Presenting with Biochemical Recurrence. <i>Molecular Imaging and Biology</i> , 2020, 22, 752-763.	1.3	19
12	An improved preparation of [¹⁸ F]AV-45 by simplified solid-phase extraction purification. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 108-118.	0.5	5
13	[⁶⁸ Ga]Ga-HBED-CC-DiAsp: A new renal function imaging agent. <i>Nuclear Medicine and Biology</i> , 2020, 82-83, 17-24.	0.3	8
14	Synthesis and Evaluation of ⁶⁸ Ga- and ¹⁷⁷ Lu-Labeled (<i>R</i>)- vs (<i>S</i>)-DOTAGA Prostate-Specific Membrane Antigen-Targeting Derivatives. <i>Molecular Pharmaceutics</i> , 2020, 17, 4589-4602.	2.3	10
15	Design, synthesis and evaluation of a novel glutamine derivative (2 <i>S</i> ,4 <i>R</i>)-2-amino-4-cyano-4-[¹⁸ F]fluorobutanoic acid. <i>New Journal of Chemistry</i> , 2020, 44, 9109-9117.	1.4	3
16	Training the next generation of radiopharmaceutical scientists. <i>Nuclear Medicine and Biology</i> , 2020, 88-89, 10-13.	0.3	7
17	Dynamic PET/CT imaging of ¹⁸ F-(2 <i>S</i> , 4 <i>R</i>)-4-fluoroglutamine in healthy volunteers and oncological patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2280-2292.	3.3	12
18	Synthesis and evaluation of novel radioiodinated PSMA targeting ligands for potential radiotherapy of prostate cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115319.	1.4	5

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19	Biodistribution, dosimetry, and temporal signal-to-noise ratio analyses of normal and cancer uptake of [⁶⁸ Ga]Ga-P15-041, a gallium-68 labeled bisphosphonate, from first-in-human studies. <i>Nuclear Medicine and Biology</i> , 2020, 86-87, 1-8.	0.3	13
20	A New [⁶⁸ Ga]Ga-HBED-CC-Bisphosphonate as a Bone Imaging Agent. <i>Molecular Pharmaceutics</i> , 2020, 17, 1674-1684.	2.3	20
21	VMAT2 imaging agent, D6-[¹⁸ F]FP-(+)-DTBZ: Improved radiosynthesis, purification by solid-phase extraction and characterization. <i>Nuclear Medicine and Biology</i> , 2019, 72-73, 26-35.	0.3	8
22	In Vivo Ester Hydrolysis as a New Approach in Development of Positron Emission Tomography Tracers for Imaging Hypoxia. <i>Molecular Pharmaceutics</i> , 2019, 16, 1156-1166.	2.3	9
23	Optimization of solid-phase extraction (SPE) in the preparation of [¹⁸ F]D3FSP: A new PET imaging agent for mapping A β plaques. <i>Nuclear Medicine and Biology</i> , 2019, 71, 54-64.	0.3	3
24	Rapid screening of nine unradiolabeled candidate compounds as PET brain imaging agents using cassette-wave microdosing and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1121, 28-38.	1.2	1
25	Initial experience in synthesis of (² S, ⁴ R)-[¹⁸ F]fluoroglutamine for clinical application. <i>Journal of Labelled Compounds and Radiopharmaceutics</i> , 2019, 62, 209-214.	0.5	2
26	Synthesis and preliminary evaluation of a novel glutamine derivative: (2S,4S)-4-[¹⁸ F]FEBGln. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1047-1050.	1.0	9
27	(2S,4R)-4-[¹⁸ F]Fluoroglutamine as a PET Indicator for Bone Marrow Metabolism Dysfunctional: from Animal Experiments to Clinical Application. <i>Molecular Imaging and Biology</i> , 2019, 21, 945-953.	1.3	9
28	Decreased Striatal Vesicular Monoamine Transporter Type 2 Correlates With the Nonmotor Symptoms in Parkinson Disease. <i>Clinical Nuclear Medicine</i> , 2019, 44, 707-713.	0.7	16
29	Synthesis of novel technetium-99m tricarbonyl-HBED-CC complexes and structural prediction in solution by density functional theory calculation. <i>Royal Society Open Science</i> , 2019, 6, 191247.	1.1	3
30	Alanine and glycine conjugates of (2S,4R)-4-[¹⁸ F]fluoroglutamine for tumor imaging. <i>Nuclear Medicine and Biology</i> , 2018, 60, 19-28.	0.3	7
31	Deuterium-substituted 2-((dimethylamino)methyl)-4-[(¹⁸ F](fluoropropoxy)phenylthio)benzenamine as a serotonin transporter imaging agent. <i>Journal of Labelled Compounds and Radiopharmaceutics</i> , 2018, 61, 576-585.		5
32	In Vivo PET Assay of Tumor Glutamine Flux and Metabolism: In-Human Trial of [¹⁸ F]-F-(2S,4R)-4-Fluoroglutamine. <i>Radiology</i> , 2018, 287, 667-675.	3.6	80
33	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
34	Developing a cassette microdosing approach to enhance the throughput of PET imaging agent screening. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 48-56.	1.4	4
35	Deuterated ¹⁸ F-9-O-hexadeutero-3-fluoropropoxyl-(+)-dihydrotrabenazine (D6-FP-(+)-DTBZ): A vesicular monoamine transporter 2 (VMAT2) imaging agent. <i>Nuclear Medicine and Biology</i> , 2018, 57, 42-49.	0.3	10
36	Imaging Brain Metastasis Patients With [¹⁸ F]-F-(2S,4R)-4-Fluoroglutamine. <i>Clinical Nuclear Medicine</i> , 2018, 43, e392-e399.	0.7	22

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37	Fluorine-18 labeled diphenyl sulfide derivatives for imaging serotonin transporter (SERT) in the brain. Nuclear Medicine and Biology, 2018, 66, 1-9.	0.3	4
38	PET Imaging of ¹⁸ F-(2S,4R)-4-Fluoroglutamine Accumulation in Breast Cancer: From Xenografts to Patients. Molecular Pharmaceutics, 2018, 15, 3448-3455.	2.3	18
39	Metabolic Imaging of Glutamine in Cancer. Journal of Nuclear Medicine, 2017, 58, 533-537.	2.8	63
40	[¹⁸ F](2S,4R)-4-Fluoroglutamine PET Detects Glutamine Pool Size Changes in Triple-Negative Breast Cancer in Response to Glutaminase Inhibition. Cancer Research, 2017, 77, 1476-1484.	0.4	75
41	PET Imaging Agents for Alzheimer's Disease. Topics in Medicinal Chemistry, 2017, , 181-197.	0.4	0
42	Synthesis of novel PEG-modified nitroimidazole derivatives via "click" reaction and their biological evaluation as potential PET imaging agent for tumors. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 263-276.	0.7	9
43	Single-Molecule Fluorescence Resonance Energy Transfer Studies of β -Amyloid Clusters in Physiological Solutions. World Scientific Lecture and Course Notes in Chemistry, 2017, , 297-311.	0.2	0
44	⁶⁸ Ga-Bivalent Polypegylated Styrylpyridine Conjugates for Imaging A β Plaques in Cerebral Amyloid Angiopathy. Bioconjugate Chemistry, 2016, 27, 1314-1323.	1.8	29
45	New ⁶⁸ Ga-PhenA bisphosphonates as potential bone imaging agents. Nuclear Medicine and Biology, 2016, 43, 360-371.	0.3	20
46	One-step preparation of [¹⁸ F]FPBM for PET imaging of serotonin transporter (SERT) in the brain. Nuclear Medicine and Biology, 2016, 43, 470-477.	0.3	10
47	4-(((4-Iodophenyl)methyl)-4H-1,2,4-triazol-4-ylamino)-benzotrile: A Potential Imaging Agent for Aromatase. Journal of Medicinal Chemistry, 2016, 59, 9370-9380.	2.9	8
48	Fluorination at the 4 position alters the substrate behavior of l-glutamine and l-glutamate: Implications for positron emission tomography of neoplasias. Journal of Fluorine Chemistry, 2016, 192, 58-67.	0.9	4
49	Glutamine-based PET imaging facilitates enhanced metabolic evaluation of gliomas in vivo. Science Translational Medicine, 2015, 7, 274ra17.	5.8	257
50	Brain uptake of a non-radioactive pseudo-carrier and its effect on the biodistribution of [¹⁸ F]AV-133 in mouse brain. Nuclear Medicine and Biology, 2015, 42, 630-636.	0.3	8
51	Synthesis and evaluation of ¹⁸ F labeled FET prodrugs for tumor imaging. Nuclear Medicine and Biology, 2014, 41, 58-67.	0.3	18
52	[¹⁸ F](2S,4S)-4-(3-Fluoropropyl)glutamine as a Tumor Imaging Agent. Molecular Pharmaceutics, 2014, 11, 3852-3866.	2.3	55
53	PET/SPECT imaging agents for neurodegenerative diseases. Chemical Society Reviews, 2014, 43, 6683-6691.	18.7	131
54	Progressive loss of striatal dopamine terminals in MPTP-induced acute parkinsonism in cynomolgus monkeys using vesicular monoamine transporter type 2 PET imaging ([¹⁸ F]AV-133). Neuroscience Bulletin, 2014, 30, 409-416.	1.5	8

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55	Enantioselective Radiosynthesis of Positron Emission Tomography (PET) Tracers Containing [¹⁸ F]Fluorohydrins. <i>Journal of the American Chemical Society</i> , 2014, 136, 5291-5294.	6.6	85
56	Expanding the Scope of Fluorine Tags for PET Imaging. <i>Science</i> , 2013, 342, 429-430.	6.0	21
57	An improved preparation of [¹⁸ F]FPBM: A potential serotonin transporter (SERT) imaging agent. <i>Nuclear Medicine and Biology</i> , 2013, 40, 974-979.	0.3	6
58	Characterization of FlipIDAM as a SERT-selective SPECT imaging agent. <i>Nuclear Medicine and Biology</i> , 2013, 40, 879-886.	0.3	0
59	A new single-photon emission computed tomography (SPECT) imaging agent for serotonin transporters: [¹²⁵ I]Flip-IDAM, (2-((2-((dimethylamino)methyl)-4-iodophenyl)thio)phenyl)methanol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 869-872.	1.0	3
60	Preparation and Characterization of l-[^{5-¹¹C}]-Glutamine for Metabolic Imaging of Tumors. <i>Journal of Nuclear Medicine</i> , 2012, 53, 98-105.	2.8	117
61	Correlation of Amyloid PET Ligand Florbetapir F 18 Binding With A β Aggregation and Neuritic Plaque Deposition in Postmortem Brain Tissue. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 8-16.	0.6	112
62	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
63	Comparative Evaluation of ¹⁸ F-Labeled Glutamic Acid and Glutamine as Tumor Metabolic Imaging Agents. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1616-1624.	2.8	81
64	Synthesis and evaluation of novel tropane derivatives as potential PET imaging agents for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4303-4306.	1.0	8
65	Comparative enzymology of (2S,4R)4-fluoroglutamine and (2S,4R)4-fluoroglutamate. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 163, 108-120.	0.7	11
66	Synthesis and evaluation of ¹⁸ F labeled alanine derivatives as potential tumor imaging agents. <i>Nuclear Medicine and Biology</i> , 2012, 39, 933-943.	0.3	32
67	Imaging of VMAT2 binding sites in the brain by ¹⁸ F-AV-133: The effect of a pseudo-carrier. <i>Nuclear Medicine and Biology</i> , 2012, 39, 897-904.	0.3	11
68	The A β -Amyloid Hypothesis in Alzheimer's Disease: Seeing Is Believing. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 265-267.	1.3	99
69	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
70	Facile Synthesis [^{5-¹³C}]-L-Glutamine for Hyperpolarized MRS Imaging of Cancer Cell Metabolism. <i>Academic Radiology</i> , 2011, 18, 932-939.	1.3	34
71	Multidentate ¹⁸ F-Polypegylated Styrylpyridines As Imaging Agents for A β Plaques in Cerebral Amyloid Angiopathy (CAA). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8085-8098.	2.9	42
72	New F-18 Prosthetic Group via Oxime Coupling. <i>Bioconjugate Chemistry</i> , 2011, 22, 642-653.	1.8	16

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73	Determination of the penetration of 9-fluoropropyl-(+)-dihydrotrabenazine across the blood-brain barrier in rats by microdialysis combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3041-3046.	1.2	7
74	Synthesis, uptake mechanism characterization and biological evaluation of 18F labeled fluoroalkyl phenylalanine analogs as potential PET imaging agents. <i>Nuclear Medicine and Biology</i> , 2011, 38, 53-62.	0.3	19
75	Synthesis and comparative biological evaluation of l- and d-isomers of 18F-labeled fluoroalkyl phenylalanine derivatives as tumor imaging agents. <i>Nuclear Medicine and Biology</i> , 2011, 38, 301-312.	0.3	16
76	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
77	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
78	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
79	Fluoride-18 radiolabeling of peptides bearing an aminoxy functional group to a prosthetic ligand via an oxime bond. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6992-6995.	1.0	6
80	Synthesis and evaluation of novel N-fluoropyridyl derivatives of tropane as potential PET imaging agents for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2962-2965.	1.0	7
81	Synthesis and biological evaluation of 3-alkyl-dihydrotrabenazine derivatives as vesicular monoamine transporter-2 (VMAT2) ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3435-3438.	1.0	11
82	Study the effect of a pseudo-carrier on pharmacokinetics of 9-fluoropropyl-(+)-dihydrotrabenazine in rat plasma by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 505-510.	1.2	8
83	Use of Florbetapir-PET for Imaging β -Amyloid Pathology. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 275.	3.8	927
84	PET Imaging of Glutaminolysis in Tumors by ^{18}F -4-Fluoroglutamine. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1947-1955.	2.8	149
85	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
86	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
87	Radiosynthesis and biological evaluation of a promising β -receptor ligand radiolabeled with fluorine-18 or iodine-125 as a PET/SPECT probe for imaging breast cancer. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2268-2273.	0.7	28
88	Synthesis and in vitro evaluation of 18F labeled tyrosine derivatives as potential positron emission tomography (PET) imaging agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3482-3485.	1.0	7
89	In Vivo Measurement of Vesicular Monoamine Transporter Type 2 Density in Parkinson Disease with ^{18}F -AV-133. <i>Journal of Nuclear Medicine</i> , 2010, 51, 223-228.	2.8	122
90	18F-AV-133: A Selective VMAT2-binding Radiopharmaceutical for PET Imaging of Dopaminergic Neurons. <i>PET Clinics</i> , 2010, 5, 75-82.	1.5	14

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91	¹⁸ F Stilbenes and Styrylpyridines for PET Imaging of A β Plaques in Alzheimer's Disease: A Miniperspective. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 933-941.	2.9	179
92	5-HT _{1A} Autoreceptor Levels Determine Vulnerability to Stress and Response to Antidepressants. <i>Neuron</i> , 2010, 65, 40-52.	3.8	373
93	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
94	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
95	FlipADAM: a potential new SPECT imaging agent for the serotonin transporter. <i>Nuclear Medicine and Biology</i> , 2010, 37, 577-586.	0.3	16
96	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
97	In Vivo Imaging of Amyloid Deposition in Alzheimer Disease Using the Radioligand ¹⁸ F-AV-45 (Flobetapir F 18). <i>Journal of Nuclear Medicine</i> , 2010, 51, 913-920.	2.8	607
98	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
99	In Vivo Characterization of a Series of ¹⁸ F-Diaryl Sulfides (¹⁸ F-2-(2-((Dimethylamino)Methyl)-4-(Fluoroalkoxy)Phenylthio)Benzenamine) for PET Imaging of the Serotonin Transporter. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1509-1517.	2.8	23
100	Preclinical Properties of ¹⁸ F-AV-45: A PET Agent for A β Plaques in the Brain. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1887-1894.	2.8	396
101	Iodophenyl tagged sphingosine derivatives: Synthesis and preliminary biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3382-3385.	1.0	7
102	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
103	Synthesis and evaluation of 2-amino-dihydrotrabenzine derivatives as probes for imaging vesicular monoamine transporter-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5026-5028.	1.0	28
104	5-[18F]Fluoroalkyl pyrimidine nucleosides: probes for positron emission tomography imaging of herpes simplex virus type 1 thymidine kinase gene expression. <i>Nuclear Medicine and Biology</i> , 2009, 36, 29-38.	0.3	4
105	Validation of an 18F-labeled biphenylalkyne as a positron emission tomography imaging agent for β -amyloid plaques. <i>Nuclear Medicine and Biology</i> , 2009, 36, 411-417.	0.3	13
106	Synthesis and Evaluation of Three ¹⁸ F-Labeled Aminophenylbenzothiazoles as Amyloid Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7090-7102.	2.9	16
107	Synthesis and Evaluation of ¹⁸ 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
108	Congo red and thioflavin β analogs detect A β oligomers. <i>Journal of Neurochemistry</i> , 2008, 104, 457-468.	2.1	198

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109	Synthesis and evaluation of indolinyl- and indolylphenylacetylenes as PET imaging agents for \hat{I}^2 -amyloid plaques. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4823-4827.	1.0	15
110	Synthesis of fluorescent probes based on stilbenes and diphenylacetylenes targeting \hat{I}^2 -amyloid plaques. <i>Tetrahedron Letters</i> , 2008, 49, 3395-3399.	0.7	31
111	Synthesis of 5-Fluoroalkylated Pyrimidine Nucleosides via Negishi Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2008, 73, 4874-4881.	1.7	15
112	Synthesis and Screening of a Library of Re/Tc-Based Amyloid Probes Derived from \hat{I}^2 -Breaker Peptides. <i>Bioconjugate Chemistry</i> , 2008, 19, 1087-1094.	1.8	30
113	A novel gallium bisaminothiolate complex as a myocardial perfusion imaging agent. <i>Nuclear Medicine and Biology</i> , 2008, 35, 83-90.	0.3	24
114	IMPY, a potential \hat{I}^2 -amyloid imaging probe for detection of prion deposits in scrapie-infected mice. <i>Nuclear Medicine and Biology</i> , 2008, 35, 197-201.	0.3	12
115	2-(2-((Dimethylamino)methyl)-4-((3-[^{18}F]fluoropropoxy)-phenylthio)benzenamine for positron emission tomography imaging of serotonin transporters. <i>Nuclear Medicine and Biology</i> , 2008, 35, 447-458.	0.3	25
116	In vivo imaging of vesicular monoamine transporter 2 in pancreas using an ^{18}F epoxide derivative of tetrabenazine. <i>Nuclear Medicine and Biology</i> , 2008, 35, 825-837.	0.3	38
117	(R)-N-Methyl-3-(3- ^{125}I -pyridin-2-yloxy)-3-phenylpropan-1-amine: a novel probe for norepinephrine transporters. <i>Nuclear Medicine and Biology</i> , 2008, 35, 43-52.	0.3	9
118	Synthesis and in Vitro Evaluation of 5-[^{18}F]Fluoroalkyl Pyrimidine Nucleosides for Molecular Imaging of Herpes Simplex Virus Type 1 Thymidine Kinase Reporter Gene Expression. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5690-5701.	2.9	8
119	In Vivo Imaging of \hat{I}^2 -Cell Mass in Rats Using ^{18}F -FP-(+)-DTBZ: A Potential PET Ligand for Studying Diabetes Mellitus. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1171-1176.	2.8	90
120	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
121	^{18}F -labeled styrylpyridines as PET agents for amyloid plaque imaging. <i>Nuclear Medicine and Biology</i> , 2007, 34, 89-97.	0.3	103
122	5-Chloro-2-(2-((dimethylamino)methyl)-4-iodophenylthio)benzenamine: a new serotonin transporter ligand. <i>Nuclear Medicine and Biology</i> , 2007, 34, 129-139.	0.3	14
123	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
124	Pharmacokinetics of [^{18}F]fluoroalkyl derivatives of dihydrotetrabenazine in rat and monkey brain. <i>Nuclear Medicine and Biology</i> , 2007, 34, 233-237.	0.3	45
125	Clinical acceptance of a molecular imaging agent: a long march with [^{99m}Tc]TRODAT. <i>Nuclear Medicine and Biology</i> , 2007, 34, 787-789.	0.3	44
126	Quick Assembly of 1,4-Diphenyltriazoles as Probes Targeting \hat{I}^2 -Amyloid Aggregates in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3380-3387.	2.9	55

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127	2-((Dimethylamino)methyl)-4-(fluoroalkoxy)-phenylthio)benzenamine Derivatives as Serotonin Transporter Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6673-6684.	2.9	26
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	Fluoro-pegylated (FPEG) Imaging Agents Targeting A β Aggregates. <i>Bioconjugate Chemistry</i> , 2007, 18, 238-246.	1.8	61
130	Novel Styrylpyridines as Probes for SPECT Imaging of Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2157-2165.	2.9	45
131	Radioiodinated aza-diphenylacetylenes as potential SPECT imaging agents for β -amyloid plaque detection. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3581-3584.	1.0	14
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