

Steven H Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7857592/publications.pdf>

Version: 2024-02-01

120
papers

4,992
citations

134610

34
h-index

120465

65
g-index

132
all docs

132
docs citations

132
times ranked

5427
citing authors

#	ARTICLE	IF	CITATIONS
1	Rest/stress myocardial perfusion imaging by positron emission tomography with 18F-Flurpiridaz: A feasibility study in mice. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 62-73.	1.4	4
2	[18F]MAGL-4-11 positron emission tomography molecular imaging of monoacylglycerol lipase changes in preclinical liver fibrosis models. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 308-315.	5.7	11
3	Discovery of a highly specific 18F-labeled PET ligand for phosphodiesterase 10A enabled by novel spirocyclic iodonium ylide radiofluorination. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1963-1975.	5.7	5
4	Preliminary evaluation of [11C]MAGL-0519 as a promising PET ligand for the diagnosis of Hepatocellular carcinoma. <i>Bioorganic Chemistry</i> , 2022, 120, 105620.	2.0	0
5	A novel monoacylglycerol lipase-targeted 18F-labeled probe for positron emission tomography imaging of brown adipose tissue in the energy network. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 3002-3010.	2.8	2
6	Target receptor identification and subsequent treatment of resected brain tumors with encapsulated and engineered allogeneic stem cells. <i>Nature Communications</i> , 2022, 13, 2810.	5.8	10
7	Synthesis and ¹⁸ F Labeling of Alkenyl Sulfonyl Fluorides via an Unconventional Elimination Pathway. <i>Organic Letters</i> , 2022, 24, 4992-4997.	2.4	8
8	Imaging of Transmembrane AMPA Receptor Regulatory Proteins by Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9144-9158.	2.9	2
9	Recent developments on PET radiotracers for TSPO and their applications in neuroimaging. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 373-393.	5.7	82
10	Synthesis and preliminary evaluation of novel 11C-labeled GluN2B-selective NMDA receptor negative allosteric modulators. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 491-498.	2.8	8
11	Positron Emission Tomography (PET) Imaging of Metabotropic Glutamate Receptor Subtype 2 (mGlu2) Based on a Negative Allosteric Modulator Radioligand. <i>NeuroMethods</i> , 2021, , 23-37.	0.2	1
12	<i>In Vitro</i> Evaluation of [³ H]CPPC as a Tool Radioligand for CSF-1R. <i>ACS Chemical Neuroscience</i> , 2021, 12, 998-1006.	1.7	19
13	Imaging the trace amine-associated receptor 1 by positron emission tomography. <i>Tetrahedron Letters</i> , 2021, 70, 153007.	0.7	3
14	Advances in Cyclic Nucleotide Phosphodiesterase-Targeted PET Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7083-7109.	2.9	11
15	Development of a highly-specific 18F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1686-1695.	5.7	10
16	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperazinyl Azetidine Scaffold. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14283-14298.	2.9	9
17	Development of a triazolobenzodiazepine-based PET probe for subtype-selective vasopressin 1A receptor imaging. <i>Pharmacological Research</i> , 2021, 173, 105886.	3.1	4
18	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	2.9	33

#	ARTICLE	IF	CITATIONS
19	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> , 2021, 11, 9492-9502.	4.6	11
20	Imaging Autotaxin In Vivo with ¹⁸ F-Labeled Positron Emission Tomography Ligands. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15053-15068.	2.9	4
21	The Repertoire of Small-Molecule PET Probes for Neuroinflammation Imaging: Challenges and Opportunities beyond TSPO. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17656-17689.	2.9	28
22	Salen-based bifunctional chemosensor for copper (II) ions: Inhibition of copper-induced amyloid- β^2 aggregation. <i>Analytica Chimica Acta</i> , 2020, 1097, 144-152.	2.6	11
23	A concisely automated synthesis of TSPO radiotracer [¹⁸ F]FDPA based on spirocyclic iodonium ylide method and validation for human use. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 119-128.	0.5	10
24	Synthesis and evaluation of 6-(¹¹ C-methyl(4-(pyridin-2-yl)thiazol-2-yl)amino)benzo[d]thiazol-2(3H)-one for imaging β -8 dependent transmembrane AMPA receptor regulatory protein by PET. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126879.	1.0	2
25	Boron agents for neutron capture therapy. <i>Coordination Chemistry Reviews</i> , 2020, 405, 213139.	9.5	125
26	Synthesis and preliminary studies of ¹¹ C-labeled tetrahydro-1,7-naphthyridine-2-carboxamides for PET imaging of metabotropic glutamate receptor 2. <i>Theranostics</i> , 2020, 10, 11178-11196.	4.6	13
27	Synthesis and preliminary evaluation of a novel positron emission tomography (PET) ligand for imaging fatty acid amide hydrolase (FAAH). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127513.	1.0	4
28	Identification and Development of a New Positron Emission Tomography Ligand 4-(2-Fluoro-4-[(¹¹ C)methoxyphenyl]-5-((1-methyl-1 <i>H</i> -pyrazol-3-yl)methoxy)picolinamide for Imaging Metabotropic Glutamate Receptor Subtype 2 (mGlu ₂). <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11469-11483.	2.9	4
29	Synthesis and preliminary evaluation of ¹⁸ F-labeled 1-(6,7-dimethyl-4-(methylamino)-1,3-dihydro-2H-pyrrolo[3,4-c]pyridin-2-yl)-2-(trans-2-(6-fluoropyridin-3-yl)cyclopropyl)ethan-1-one for imaging muscarinic acetylcholine receptor subtype 4. <i>Tetrahedron Letters</i> , 2020, 61, 152060.		
30	Classics in Neuroimaging: Imaging the Endocannabinoid Pathway with PET. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1855-1862.	1.7	13
31	Marriage of black phosphorus and Cu ²⁺ as effective photothermal agents for PET-guided combination cancer therapy. <i>Nature Communications</i> , 2020, 11, 2778.	5.8	233
32	Synthesis and preliminary evaluation of 4-hydroxy-6-(3-[¹¹ C]methoxyphenethyl)pyridazin-3(2H)-one, a ¹¹ C-labeled -amino acid oxidase (DAAO) inhibitor for PET imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127326.	1.0	3
33	Visible-light induced decarboxylative coupling of redox-active esters with disulfides to construct C-S bonds. <i>Chemical Communications</i> , 2020, 56, 4164-4167.	2.2	37
34	Glucose Metabolism on Tumor Plasticity, Diagnosis, and Treatment. <i>Frontiers in Oncology</i> , 2020, 10, 317.	1.3	94
35	[¹⁸ F]-Alfatide PET imaging of integrin α _v β ₃ for the non-invasive quantification of liver fibrosis. <i>Journal of Hepatology</i> , 2020, 73, 161-169.	1.8	17
36	Revisiting the Radiosynthesis of [¹⁸ F]FPEB and Preliminary PET Imaging in a Mouse Model of Alzheimer's Disease. <i>Molecules</i> , 2020, 25, 982.	1.7	11

#	ARTICLE	IF	CITATIONS
37	Discovery and Optimization of Î±-Mangostin Derivatives as Novel PDE4 Inhibitors for the Treatment of Vascular Dementia. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3370-3380.	2.9	20
38	Radiosynthesis and preliminary evaluation of ¹¹ C-labeled 4-cyclopropyl-7-(3-methoxyphenoxy)-3,4-dihydro-2H-benzo[e] [1,2,4] thiadiazine 1,1-dioxide for PET imaging AMPA receptors. <i>Tetrahedron Letters</i> , 2020, 61, 151635.	0.7	7
39	Synthesis and pharmacokinetic study of a ¹¹ C-labeled cholesterol 24-hydroxylase inhibitor using an in-loop™ [¹¹ C]CO ₂ fixation method. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127068.	1.0	6
40	Recent Advances in ¹⁸ F-Labeling of Trifluoromethylthiolation. , 2020, , 649-665.		1
41	Aliphatic [¹⁸ F]Fluorination Chemistry for Positron Emission Tomography. , 2020, , 1-14.		0
42	Aryl- ¹⁸ F Bond Formation from Nucleophilic [¹⁸ F]fluoride. , 2020, , 617-648.		2
43	Fifty Years of Radiopharmaceuticals. <i>Journal of Nuclear Medicine Technology</i> , 2020, 48, 34S-39S.	0.4	4
44	Chemistry for Positron Emission Tomography: Recent Advances in ¹¹ C, ¹⁸ F, ¹³ N, and ¹⁵ O Labeling Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2580-2605.	7.2	216
45	Positron Emission Tomography (PET) Ligand Development for Ionotropic Glutamate Receptors: Challenges and Opportunities for Radiotracer Targeting <i>N</i> -Methyl-D-aspartate (NMDA), Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA), and Kainate Receptors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 403-419.	2.9	37
46	Synthesis and Preliminary Evaluation of [¹¹ C]GNE1023 as a Potent PET Probe for Imaging Leucine-Rich Repeat Kinase-2 (LRRK2) in Parkinson's Disease. <i>ChemMedChem</i> , 2019, 14, 1580-1585.	1.6	13
47	PET/SPECT Molecular Probes for the Diagnosis and Staging of Nonalcoholic Fatty Liver Disease. <i>Molecular Imaging</i> , 2019, 18, 153601211987145.	0.7	8
48	A population stereotaxic positron emission tomography brain template for the macaque and its application to ischemic model. <i>NeuroImage</i> , 2019, 203, 116163.	2.1	6
49	Structural Basis for Achieving GSK-3Î² Inhibition with High Potency, Selectivity, and Brain Exposure for Positron Emission Tomography Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9600-9617.	2.9	31
50	Design, Synthesis, and Evaluation of ¹⁸ F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	2.9	22
51	Synthesis and Preliminary Evaluations of a Triazole-Cored Antagonist as a PET Imaging Probe ([¹⁸ F]N2B-0518) for GluN2B Subunit in the Brain. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2263-2275.	1.7	13
52	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a Tail Switching Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	2.9	28
53	Facile ¹⁸ F labeling of non-activated arenes via a spirocyclic iodonium(III) ylide method and its application in the synthesis of the mGluR5 PET radiopharmaceutical [¹⁸ F]FPEB. <i>Nature Protocols</i> , 2019, 14, 1530-1545.	5.5	27
54	[¹⁸ F]Ethenesulfonyl Fluoride as a Practical Radiofluoride Relay Reagent. <i>Chemistry - A European Journal</i> , 2019, 25, 7613-7617.	1.7	21

#	ARTICLE	IF	CITATIONS
55	Half-curcumin analogues as PET imaging probes for amyloid beta species. <i>Chemical Communications</i> , 2019, 55, 3630-3633.	2.2	16
56	Chemie der Positronenemissionstomographie: Aktuelle Fortschritte bei ¹¹ C-, ¹⁸ F-, ¹³ N- und ¹⁵ O-Markierungsreaktionen. <i>Angewandte Chemie</i> , 2019, 131, 2604-2631.		31
57	An efficient synthesis of 2-isoxazolines from α -haloketone oximes and dimethyl sulfonium salts. <i>Tetrahedron Letters</i> , 2019, 60, 382-385.	0.7	10
58	Synthesis and Preliminary Evaluation of ¹¹ C-Labeled VU0467485/AZ13713945 and Its Analogues for Imaging Muscarinic Acetylcholine Receptor Subtype α_4 . <i>ChemMedChem</i> , 2019, 14, 303-309.	1.6	11
59	In Vitro and in Vivo Evaluation of ¹¹ C-Labeled Azetidincarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2278-2291.	2.9	41
60	Recent applications of a single quadrupole mass spectrometer in ¹¹ C, ¹⁸ F and radiometal chemistry. <i>Journal of Fluorine Chemistry</i> , 2018, 210, 46-55.	0.9	6
61	Recent Advances in ¹⁸ F Radiochemistry: A Focus on B- ¹⁸ F, Si- ¹⁸ F, Al- ¹⁸ F, and C- ¹⁸ F Radiofluorination via Spirocyclic Iodonium Ylides. <i>Journal of Nuclear Medicine</i> , 2018, 59, 568-572.	2.8	50
62	Metal Protein-Attenuating Compound for PET Neuroimaging: Synthesis and Preclinical Evaluation of [¹¹ C]PBT2. <i>Molecular Pharmaceutics</i> , 2018, 15, 695-702.	2.3	11
63	α -haloketone- ¹¹ C-CO ₂ fixation: Prototype and proof of concept. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 252-262.	0.5	23
64	The Binding of BF-227-Like Benzoxazoles to Human α -Synuclein and Amyloid β Peptide Fibrils. <i>Molecular Imaging</i> , 2018, 17, 153601211879629.	0.7	8
65	Ru-Photoredox-Catalyzed Decarboxylative Oxygenation of Aliphatic Carboxylic Acids through <i>N</i> -(acyloxy)phthalimide. <i>Organic Letters</i> , 2018, 20, 4824-4827.	2.4	44
66	First demonstration of in vivo mapping for regional brain monoacylglycerol lipase using PET with [¹¹ C]SAR127303. <i>NeuroImage</i> , 2018, 176, 313-320.	2.1	19
67	Synthesis, pharmacology and preclinical evaluation of ¹¹ C-labeled 1,3-dihydro-2H-benzo[d]imidazole-2-ones for imaging β -dependent transmembrane AMPA receptor regulatory protein. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 898-908.	2.6	18
68	Aliphatic [¹⁸ F]Fluorination Chemistry for Positron Emission Tomography. , 2018, , 1-14.		1
69	PET Imaging of Human Brown Adipose Tissue with the TSPO Tracer [¹¹ C]PBR28. <i>Molecular Imaging and Biology</i> , 2018, 20, 188-193.	1.3	27
70	Development of [¹⁸ F]Maleimide-Based Glycogen Synthase Kinase-3 β Ligands for Positron Emission Tomography Imaging. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 287-292.	1.3	22
71	An Unconventional Mechanistic Insight into SCF ₃ Formation from Difluorocarbene: Preparation of ¹⁸ F-Labeled α -SCF ₃ Carbonyl Compounds. <i>Angewandte Chemie</i> , 2017, 129, 3244-3248.	1.6	18
72	An Unconventional Mechanistic Insight into SCF ₃ Formation from Difluorocarbene: Preparation of ¹⁸ F-Labeled α -SCF ₃ Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3196-3200.	7.2	88

#	ARTICLE	IF	CITATIONS
73	Metal-free ¹⁸ F-labeling of aryl-CF ₂ H via nucleophilic radiofluorination and oxidative ¹⁸ F activation. <i>Chemical Communications</i> , 2017, 53, 126-129.	2.2	24
74	[¹¹ C]Cyanation of arylboronic acids in aqueous solutions. <i>Chemical Communications</i> , 2017, 53, 6597-6600.	2.2	41
75	Synthesis and preliminary PET imaging of ¹¹ C and ¹⁸ F isotopologues of the ROS1/ALK inhibitor lorlatinib. <i>Nature Communications</i> , 2017, 8, 15761.	5.8	51
76	A Facile Radiolabeling of [¹⁸ F]FDPA via Spirocyclic Iodonium Ylides: Preliminary PET Imaging Studies in Preclinical Models of Neuroinflammation. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5222-5227.	2.9	43
77	Synthesis and Preliminary Studies of a Novel Negative Allosteric Modulator, 7-((2,5-Dioxopyrrolidin-1-yl)methyl)-4-(2-fluoro-4-[¹¹ C]methoxyphenyl)quinoline-2-carboxamide, for Imaging of Metabotropic Glutamate Receptor 2. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1937-1948.	1.7	23
78	Discovery of PET radiopharmaceuticals at the academia-industry interface. <i>Drug Discovery Today: Technologies</i> , 2017, 25, 19-26.	4.0	14
79	Brain Penetration of the ROS1/ALK Inhibitor Lorlatinib Confirmed by PET. <i>Molecular Imaging</i> , 2017, 16, 153601211773666.	0.7	21
80	Synthesis-free PET imaging of brown adipose tissue and TSPO via combination of disulfiram and ⁶⁴ CuCl ₂ . <i>Scientific Reports</i> , 2017, 7, 8298.	1.6	15
81	¹⁸ F-Labeling of Sensitive Biomolecules for Positron Emission Tomography. <i>Chemistry - A European Journal</i> , 2017, 23, 15553-15577.	1.7	75
82	Frontispiece: ¹⁸ F-Labeling of Sensitive Biomolecules for Positron Emission Tomography. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
83	Microfluidic radiosynthesis of [¹⁸ F]FEMPT, a high affinity PET radiotracer for imaging serotonin receptors. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2922-2927.	1.3	8
84	Fluorinated Adenosine A2A Receptor Antagonists Inspired by Preladenant as Potential Cancer Immunotherapeutics. <i>International Journal of Medicinal Chemistry</i> , 2017, 2017, 1-8.	2.2	5
85	Synthesis and Preclinical Evaluation of Sulfonamido-based [¹¹ C-Carbonyl]-Carbamates and Ureas for Imaging Monoacylglycerol Lipase. <i>Theranostics</i> , 2016, 6, 1145-1159.	4.6	50
86	Enzyme-Mediated Modification of Single-Domain Antibodies for Imaging Modalities with Different Characteristics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 528-533.	7.2	42
87	Mechanistic studies and radiofluorination of structurally diverse pharmaceuticals with spirocyclic iodonium(III) ylides. <i>Chemical Science</i> , 2016, 7, 4407-4417.	3.7	104
88	Imaging hydrogen peroxide in Alzheimer's disease via cascade signal amplification. <i>Scientific Reports</i> , 2016, 6, 35613.	1.6	58
89	Preclinical PET Neuroimaging of [¹¹ C]Bexarotene. <i>Molecular Imaging</i> , 2016, 15, 153601211666305.	0.7	8
90	Radiosynthesis and preliminary PET evaluation of ¹⁸ F-labeled 2-(1-(3-fluorophenyl)-2-oxo-5-(pyrimidin-2-yl)-1,2-dihydropyridin-3-yl)benzotrile for imaging AMPA receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4857-4860.	1.0	16

#	ARTICLE	IF	CITATIONS
91	Synthesis of ¹⁸ F- α -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10786-10790.	7.2	38
92	Synthesis of ¹⁸ F- α -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie</i> , 2016, 128, 10944-10948.	1.6	11
93	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11882-11886.	7.2	46
94	Efficient Pathway for the Preparation of Aryl(isoquinoline)iodonium(III) Salts and Synthesis of Radiofluorinated Isoquinolines. <i>Angewandte Chemie</i> , 2016, 128, 12061-12065.	1.6	13
95	Discovery of a Highly Selective Glycogen Synthase Kinase-3 Inhibitor (PF-04802367) That Modulates Tau Phosphorylation in the Brain: Translation for PET Neuroimaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9601-9605.	7.2	68
96	¹¹ C- α bonds made easily for positron emission tomography radiopharmaceuticals. <i>Chemical Society Reviews</i> , 2016, 45, 4708-4726.	18.7	98
97	Synthesis and Preliminary PET Imaging Studies of a FAAH Radiotracer (¹¹ C]MPPO) Based on β -Ketoheterocyclic Scaffold. <i>ACS Chemical Neuroscience</i> , 2016, 7, 109-118.	1.7	17
98	Discovery of a novel fluorescent probe for the sensitive detection of β -amyloid deposits. <i>Biosensors and Bioelectronics</i> , 2016, 75, 136-141.	5.3	26
99	Sulfur Containing Scaffolds in Drugs: Synthesis and Application in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1200-1216.	1.0	1,269
100	Selected PET Radioligands for Ion Channel Linked Neuroreceptor Imaging: Focus on GABA, NMDA and nACh Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1830-1842.	1.0	22
101	<i>Ortho</i> -stabilized ¹⁸ F- α -azido Click Agents and their Application in PET Imaging with Single-stranded DNA Aptamers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12777-12781.	7.2	62
102	Difluorocarbene-derived Trifluoromethylthiolation and [¹⁸ F]Trifluoromethylthiolation of Aliphatic Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13236-13240.	7.2	110
103	Practical Radiosynthesis and Preclinical Neuroimaging of [¹¹ C]isradipine, a Calcium Channel Antagonist. <i>Molecules</i> , 2015, 20, 9550-9559.	1.7	2
104	Total Radiosynthesis: Thinking Outside 'the Box'. <i>Australian Journal of Chemistry</i> , 2015, 68, 1319.	0.5	25
105	Iodonium Ylide-mediated Radiofluorination of ¹⁸ F-FPEB and Validation for Human Use. <i>Journal of Nuclear Medicine</i> , 2015, 56, 489-492.	2.8	65
106	PET Neuroimaging Studies of [¹⁸ F]CABS13 in a Double Transgenic Mouse Model of Alzheimer's Disease and Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2015, 6, 535-541.	1.7	23
107	Synthesis of ¹⁸ F-arenes from spirocyclic iodonium(III) ylides via continuous-flow microfluidics. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 249-253.	0.9	20
108	¹⁸ F-Labeled Single-Stranded DNA Aptamer for PET Imaging of Protein Tyrosine Kinase-7 Expression. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1780-1785.	2.8	59

#	ARTICLE	IF	CITATIONS
109	Novel Fluorinated 8-Hydroxyquinoline Based Metal Ionophores for Exploring the Metal Hypothesis of Alzheimer's Disease. ACS Medicinal Chemistry Letters, 2015, 6, 1025-1029.	1.3	41
110	A Highly Specific Probe for Sensing Hydrogen Sulfide in Live Cells Based on Copper-Initiated Fluorogen with Aggregation-Induced Emission Characteristics. Theranostics, 2014, 4, 1233-1238.	4.6	25
111	Alternative approaches for PET radiotracer development in Alzheimer's disease: imaging beyond plaque. Journal of Labelled Compounds and Radiopharmaceuticals, 2014, 57, 323-331.	0.5	39
112	C(sp ³)– ¹⁸ F Bond Formation by Transition-Metal-Based [¹⁸ F]Fluorination. Angewandte Chemie - International Edition, 2014, 53, 11416-11418.	7.2	28
113	A highly sensitive and water soluble fluorescent probe for rapid detection of hydrogen sulfide in living cells. RSC Advances, 2014, 4, 36106-36109.	1.7	18
114	Microfluidic continuous-flow radiosynthesis of [¹⁸ F]FPEB suitable for human PET imaging. MedChemComm, 2014, 5, 432-435.	3.5	37
115	Synthesis of [¹¹ C]Bexarotene by Cu-Mediated [¹¹ C]Carbon Dioxide Fixation and Preliminary PET Imaging. ACS Medicinal Chemistry Letters, 2014, 5, 668-672.	1.3	39
116	Spirocyclic hypervalent iodine(III)-mediated radiofluorination of non-activated and hindered aromatics. Nature Communications, 2014, 5, 4365.	5.8	207
117	PET Imaging of Fatty Acid Amide Hydrolase with [¹⁸ F]DOPP in Nonhuman Primates. Molecular Pharmaceutics, 2014, 11, 3832-3838.	2.3	18
118	First Human Use of a Radiopharmaceutical Prepared by Continuous-Flow Microfluidic Radiofluorination: Proof of Concept with the Tau Imaging Agent [¹⁸ F]T807. Molecular Imaging, 2014, 13, 7290.2014.00025.	0.7	32
119	¹¹ C ₂ fixation: a renaissance in PET radiochemistry. Chemical Communications, 2013, 49, 5621.	2.2	92
120	Rapid microfluidic flow hydrogenation for reduction or deprotection of ¹⁸ F-labeled compounds. Chemical Communications, 2013, 49, 8755.	2.2	30