

Xiang Zhang

List of Publications by Year in descending order

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papers

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297
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#	ARTICLE	IF	CITATIONS
1	Development of a PET radioligand for potassium channels to image CNS demyelination. <i>Scientific Reports</i> , 2018, 8, 607.	3.3	36
2	Facile room temperature synthesis of fluorine-18 labeled fluoronicotinic acid-2,3,5,6-tetrafluorophenyl ester without azeotropic drying of fluorine-18. <i>Nuclear Medicine and Biology</i> , 2016, 43, 770-772.	0.6	25
3	Fast indirect fluorine-18 labeling of protein/peptide using the useful 6-fluoronicotinic acid-2,3,5,6-tetrafluorophenyl prosthetic group: A method comparable to direct fluorination. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 168-175.	1.0	23
4	[¹⁸ F]DPA-714 PET Imaging Reveals Global Neuroinflammation in Zika Virus-Infected Mice. <i>Molecular Imaging and Biology</i> , 2018, 20, 275-283.	2.6	21
5	An azeotropic drying-free approach for copper-mediated radiofluorination without addition of base. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 139-145.	1.0	21
6	An efficient new method for the synthesis of ¹⁸ F-fluoro-4-aminopyridine via Yamada-Curtius rearrangement. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 112-117.	1.0	17
7	Optimization of ¹⁸ F-syntheses using ¹⁹ F-reagents at tracer-level concentrations and liquid chromatography/tandem mass spectrometry analysis: Improved synthesis of [¹⁸ F]MDL100907. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 427-437.	1.0	10
8	CRISPR/Cas9-mediated introduction of the sodium/iodide symporter gene enables noninvasive in vivo tracking of induced pluripotent stem cell-derived cardiomyocytes. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1203-1217.	3.3	10
9	Rapid synthesis of maleimide functionalized fluorine-18 labeled prosthetic group using radiofluorination on the Sep-Pak method. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 599-605.	1.0	8
10	Fluorine-18 Labeled Fluorofuranylprogesterone ([¹⁸ F]FFNP) and Dihydrotestosterone ([¹⁸ F]FDHT) Prepared by Fluorination on Sep-Pak Method. <i>Molecules</i> , 2019, 24, 2389.	3.8	8
11	PET imaging of TSPO expression in immune cells can assess organ-level pathophysiology in high-consequence viral infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2110846119.	7.1	7
12	Competitive blocking of salivary gland [¹⁸ F]DCFPyL uptake via localized, retrograde ductal injection of non-radioactive DCFPyL: a preclinical study. <i>EJNMMI Research</i> , 2021, 11, 66.	2.5	6
13	Automated Synthesis of Fluorine-18 Labeled CXCR4 Ligand via the Conjugation with Nicotinic Acid N-Hydroxysuccinimide Ester (6-[¹⁸ F]SFPy). <i>Molecules</i> , 2020, 25, 3924.	3.8	5
14	Evaluation of a procaspase-3 activator with hydroxyurea or temozolomide against high-grade meningioma in cell culture and canine cancer patients. <i>Neuro-Oncology</i> , 2021, 23, 1723-1735.	1.2	4
15	Radiosynthesis of 5-[¹⁸ F]Fluoro-1,2,3-triazoles through Aqueous Iodine-[¹⁸ F]Fluorine Exchange Reaction. <i>Molecules</i> , 2021, 26, 5522.	3.8	3
16	Fluorine-18 Labeled Urea-Based Ligands Targeting Prostate-Specific Membrane Antigen (PSMA) with Increased Tumor and Decreased Renal Uptake. <i>Pharmaceuticals</i> , 2022, 15, 597.	3.8	2