

Dong Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5605686/publications.pdf>

Version: 2024-02-01

24
papers

755
citations

567281

15
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of alcohol-enhanced Cu-mediated radiofluorination toward practical labeling. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2022, 65, 13-20.	1.0	3
2	Radiosynthesis and Evaluation of Talazoparib and Its Derivatives as PARP-1-Targeting Agents. <i>Biomedicines</i> , 2021, 9, 565.	3.2	18
3	A simple method to generate [18F]triflyl fluoride for 18F radiosynthesis. <i>Tetrahedron Letters</i> , 2021, 78, 153273.	1.4	3
4	Determination of molar activity of [18F]fluoride by HPLC via sulfonyl derivatization. <i>Applied Radiation and Isotopes</i> , 2021, 176, 109865.	1.5	1
5	Radiolabeled 6-(2, 3-Dichlorophenyl)-N4-methylpyrimidine-2, 4-diamine (TH287): A Potential Radiotracer for Measuring and Imaging MTH1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8860.	4.1	3
6	Copper-mediated nucleophilic radiobromination of aryl boron precursors: Convenient preparation of a radiobrominated PARP-1 inhibitor. <i>Tetrahedron Letters</i> , 2018, 59, 1963-1967.	1.4	24
7	Preliminary evaluation of a novel 18F-labeled PARP-1 ligand for PET imaging of PARP-1 expression in prostate cancer. <i>Nuclear Medicine and Biology</i> , 2018, 66, 26-31.	0.6	29
8	Evaluation of aromatic radiobromination by nucleophilic substitution using diaryliodonium salt precursors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 450-456.	1.0	15
9	PET of Poly (ADP-Ribose) Polymerase Activity in Cancer: Preclinical Assessment and First In-Human Studies. <i>Radiology</i> , 2017, 282, 453-463.	7.3	57
10	PET imaging of in vivo caspase-3/7 activity following myocardial ischemia-reperfusion injury with the radiolabeled isatin sulfonamide analogue [(18F)WC-4-116. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 6, 110-9.	1.0	11
11	Facile purification and click labeling with 2-[18F]fluoroethyl azide using solid phase extraction cartridges. <i>Tetrahedron Letters</i> , 2015, 56, 952-954.	1.4	17
12	Design, Synthesis, and Characterization of 3-(Benzylidene)indolin-2-one Derivatives as Ligands for β -Synuclein Fibrils. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6002-6017.	6.4	92
13	Imaging Pulmonary Inducible Nitric Oxide Synthase Expression with PET. <i>Journal of Nuclear Medicine</i> , 2015, 56, 76-81.	5.0	41
14	Longitudinal Noninvasive Imaging of Progesterone Receptor as a Predictive Biomarker of Tumor Responsiveness to Estrogen Deprivation Therapy. <i>Clinical Cancer Research</i> , 2015, 21, 1063-1070.	7.0	31
15	Optimization of the preparation of fluorine-18-labeled steroid receptor ligands 16alpha-[¹⁸ F]fluoroestradiol (FES), [¹⁸ F]fluoro furanyl norprogesterone (FFNP), and 16beta-[¹⁸ F]fluoro-5alpha-dihydrotestosterone (FDHT) as radiopharmaceuticals. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 371-377.	1.0	32
16	Synthesis, [18F] radiolabeling, and evaluation of poly (ADP-ribose) polymerase-1 (PARP-1) inhibitors for in vivo imaging of PARP-1 using positron emission tomography. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1700-1707.	3.0	64
17	Utilizing electrostatic interactions to facilitate F-18 radiolabeling of poly(amido)amine (PAMAM) dendrimers. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8696-8701.	2.8	9
18	Highly efficient click labeling using 2-[18F]fluoroethyl azide and synthesis of an 18FN-hydroxysuccinimide ester as conjugation agent. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1175-1181.	0.6	20

#	ARTICLE	IF	CITATIONS
19	Bromination from the Macroscopic Level to the Tracer Radiochemical Level: ⁷⁶ Br Radiolabeling of Aromatic Compounds via Electrophilic Substitution. <i>Bioconjugate Chemistry</i> , 2009, 20, 808-816.	3.6	14
20	[¹⁸ F]- and [¹¹ C]-Labeled N-benzyl-isatin sulfonamide analogues as PET tracers for Apoptosis: synthesis, radiolabeling mechanism, and in vivo imaging study of apoptosis in Fas-treated mice using [¹¹ C]WC-98. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1337.	2.8	69
21	Design and Synthesis of 2-Amino-4-methylpyridine Analogues as Inhibitors for Inducible Nitric Oxide Synthase and in Vivo Evaluation of [¹⁸ F]-6-(2-Fluoropropyl)-4-methyl-pyridin-2-amine as a Potential PET Tracer for Inducible Nitric Oxide Synthase. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2443-2453.	6.4	48
22	Evaluation of a bromine-76-labeled progestin 16 β ,17 β -dioxolane for breast tumor imaging and radiotherapy: in vivo biodistribution and metabolic stability studies. <i>Nuclear Medicine and Biology</i> , 2008, 35, 655-663.	0.6	16
23	Bromine- and Iodine-Substituted 16 β ,17 β -Dioxolane Progestins for Breast Tumor Imaging and Radiotherapy: Synthesis and Receptor Binding Affinity. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4737-4744.	6.4	22
24	Synthesis, radiolabeling, and in vivo evaluation of an ¹⁸ F-labeled isatin analog for imaging caspase-3 activation in apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5041-5046.	2.2	116