

Falguni Basuli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

307
citations

1039880

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26
all docs

26
docs citations

26
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a PET radioligand for potassium channels to image CNS demyelination. <i>Scientific Reports</i> , 2018, 8, 607.	1.6	36
2	Syntheses of <i>meta</i> - ¹⁸ F-fluorobenzaldehyde and <i>meta</i> - ¹⁸ F-fluorobenzylbromide from phenyl(3-formylphenyl) iodonium salt precursors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 224-228.	0.5	28
3	Synthesis of fluorine-18 radio-labeled serum albumins for PET blood pool imaging. <i>Nuclear Medicine and Biology</i> , 2015, 42, 219-225.	0.3	25
4	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.	0.3	25
5	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.	0.5	23
6	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.	0.5	21
7	Comparison of Prostate-Specific Membrane Antigen Expression Levels in Human Salivary Glands to Non-Human Primates and Rodents. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 35, 284-291.	0.7	18
8	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.	0.5	17
9	Characterization of Brain Inflammation, Apoptosis, Hypoxia, Blood-Brain Barrier Integrity and Metabolism in Venezuelan Equine Encephalitis Virus (VEEV TC-83) Exposed Mice by In Vivo Positron Emission Tomography Imaging. <i>Viruses</i> , 2019, 11, 1052.	1.5	16
10	One-pot synthesis and biodistribution of fluorine-18 labeled serum albumin for vascular imaging. <i>Nuclear Medicine and Biology</i> , 2018, 62-63, 63-70.	0.3	10
11	CRISPR/Cas9-mediated introduction of the sodium/iodide symporter gene enables noninvasive <i>in vivo</i> tracking of induced pluripotent stem cell-derived cardiomyocytes. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1203-1217.	1.6	10
12	Monitoring PSMA Responses to ADT in Prostate Cancer Patient-Derived Xenograft Mouse Models Using [18F]DCFPyL PET Imaging. <i>Molecular Imaging and Biology</i> , 2021, 23, 745-755.	1.3	9
13	<i>In Vitro</i> and <i>In Vivo</i> Comparison of 3,2-HOPO Versus Deferoxamine-Based Chelation of Zirconium-89 to the Antimesothelin Antibody Anetumab. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2021, 36, 316-325.	0.7	9
14	Synthesis of ApoSense compound [18F]2-(5-(dimethylamino)naphthalene-1-sulfonamido)-2-(fluoromethyl)butanoic acid ([18F]NST732) by nucleophilic ring opening of an aziridine precursor. <i>Nuclear Medicine and Biology</i> , 2012, 39, 687-696.	0.3	8
15	Rapid synthesis of maleimide functionalized fluorine-18 labeled prosthetic group using ¹⁸ F-radiofluorination on the Sep-Pak method. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 599-605.	0.5	8
16	Fluorine-18 Labeled Fluorofuranylprogesterone ([18F]FFNP) and Dihydrotestosterone ([18F]FDHT) Prepared by ¹⁸ F-Fluorination on Sep-Pak Method. <i>Molecules</i> , 2019, 24, 2389.	1.7	8
17	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.	3.3	7
18	Competitive blocking of salivary gland [18F]DCFPyL uptake via localized, retrograde ductal injection of non-radioactive DCFPyL: a preclinical study. <i>EJNMMI Research</i> , 2021, 11, 66.	1.1	6

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19	Evaluation of 2-[18F]-Fluorodeoxysorbitol PET Imaging in Preclinical Models of Aspergillus Infection. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 25.	1.5	6
20	Automated Synthesis of Fluorine-18 Labeled CXCR4 Ligand via the Conjugation with Nicotinic Acid N-Hydroxysuccinimide Ester (6-[18F]SFPy). <i>Molecules</i> , 2020, 25, 3924.	1.7	5
21	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.	0.6	4
22	Radiosynthesis of 5-[18F]Fluoro-1,2,3-triazoles through Aqueous Iodine- ¹⁸ F Fluorine Exchange Reaction. <i>Molecules</i> , 2021, 26, 5522.	1.7	3
23	Comparison of planar, PET and well-counter measurements of total tumor radioactivity in a mouse xenograft model. <i>Nuclear Medicine and Biology</i> , 2017, 53, 29-36.	0.3	2
24	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.	1.7	2
25	The Distribution Volume of 18F-Albumin as a Potential Biomarker of Antiangiogenic Treatment Efficacy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 238-244.	0.7	1