

Samarjit Patnaik

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

988
citations

840776

11
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Small-Molecule VapC1 Nuclease Inhibitors by Virtual Screening and Scaffold Hopping from an Atomic Structure Revealing Protein-Protein Interactions with a Native VapB1 Inhibitor. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 1249-1258.	5.4	3
2	Teaching principles of translational science to a broad scientific audience using a case study approach: A pilot course from the National Center for Advancing Translational Sciences. <i>Journal of Clinical and Translational Science</i> , 2022, 6, .	0.6	4
3	Virtual Screening for the Discovery of Microbiome β -Glucuronidase Inhibitors to Alleviate Cancer Drug Toxicity. <i>Journal of Chemical Information and Modeling</i> , 2022, , .	5.4	3
4	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8303-8331.	6.4	4
5	Discovery and Optimization of 2-Hydroxy-1 ² -Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4913-4946.	6.4	12
6	Identification of Small Molecule Inhibitors of a Mir155 Transcriptional Reporter in Th17 Cells. <i>Scientific Reports</i> , 2021, 11, 11498.	3.3	2
7	The HIV protease inhibitor, ritonavir, corrects diverse brain phenotypes across development in mouse model of DYT-TOR1A dystonia. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	10
8	Structure-Based Optimization of Small Molecule Human Galactokinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13551-13571.	6.4	2
9	Metabolism and pharmacokinetics characterization of metarrestin in multiple species. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 805-816.	2.3	6
10	Safety assessment of metarrestin in dogs: A clinical candidate targeting a subnuclear structure unique to metastatic cancer cells. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 116, 104716.	2.7	4
11	Identification, design and synthesis of novel pyrazolopyridine influenza virus nonstructural protein 1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1113-1119.	2.2	14
12	Pharmacokinetic evaluation of the PNC disassembler metarrestin in wild-type and Pdx1-Cre;LSL-KrasG12D/+;Tp53R172H/+ (KPC) mice, a genetically engineered model of pancreatic cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 82, 1067-1080.	2.3	9
13	Metarrestin, a perinucleolar compartment inhibitor, effectively suppresses metastasis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	55
14	Gastric Acid Secretion from Parietal Cells Is Mediated by a Ca ²⁺ Efflux Channel in the Tubulovesicle. <i>Developmental Cell</i> , 2017, 41, 262-273.e6.	7.0	42
15	Identification of 4-phenylquinolin-2(1H)-one as a specific allosteric inhibitor of Akt. <i>Scientific Reports</i> , 2017, 7, 11673.	3.3	5
16	Inhibition of PIP4K ³ ameliorates the pathological effects of mutant huntingtin protein. <i>ELife</i> , 2017, 6, .	6.0	49
17	Orphan GPR110 (ADGRF1) targeted by N-docosahexaenoyl ethanolamine in development of neurons and cognitive function. <i>Nature Communications</i> , 2016, 7, 13123.	12.8	121
18	MCOLN1 is a ROS sensor in lysosomes that regulates autophagy. <i>Nature Communications</i> , 2016, 7, 12109.	12.8	369

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19	Macrophage Models of Gaucher Disease for Evaluating Disease Pathogenesis and Candidate Drugs. <i>Science Translational Medicine</i> , 2014, 6, 240ra73.	12.4	94
20	Structure–Activity Relationship of Imidazopyridinium Analogues as Antagonists of Neuropeptide S Receptor. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9045-9056.	6.4	18
21	Discovery, Structure–Activity Relationship, and Biological Evaluation of Noninhibitory Small Molecule Chaperones of Glucocerebrosidase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5734-5748.	6.4	113
22	Multi-Gram Scale Synthesis of FR180204. <i>Journal of Organic Chemistry</i> , 2009, 74, 8870-8873.	3.2	22