

# Samarjit Patnaik

## List of Publications by Year in descending order

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22  
papers

988  
citations

840776

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h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2327  
citing authors

#	ARTICLE	IF	CITATIONS
1	MCOLN1 is a ROS sensor in lysosomes that regulates autophagy. Nature Communications, 2016, 7, 12109.	12.8	369
2	Orphan GPR110 (ADGRF1) targeted by N-docosahexaenoyl ethanolamine in development of neurons and cognitive function. Nature Communications, 2016, 7, 13123.	12.8	121
3	Discovery, Structure-Activity Relationship, and Biological Evaluation of Noninhibitory Small Molecule Chaperones of Glucocerebrosidase. Journal of Medicinal Chemistry, 2012, 55, 5734-5748.	6.4	113
4	Macrophage Models of Gaucher Disease for Evaluating Disease Pathogenesis and Candidate Drugs. Science Translational Medicine, 2014, 6, 240ra73.	12.4	94
5	Metarrestin, a perinucleolar compartment inhibitor, effectively suppresses metastasis. Science Translational Medicine, 2018, 10, .	12.4	55
6	Inhibition of PIP4K <sup>3</sup> ameliorates the pathological effects of mutant huntingtin protein. ELife, 2017, 6, .	6.0	49
7	Gastric Acid Secretion from Parietal Cells Is Mediated by a Ca <sup>2+</sup> Efflux Channel in the Tubulovesicle. Developmental Cell, 2017, 41, 262-273.e6.	7.0	42
8	Multi-Gram Scale Synthesis of FR180204. Journal of Organic Chemistry, 2009, 74, 8870-8873.	3.2	22
9	Structure-Activity Relationship of Imidazopyridinium Analogues as Antagonists of Neuropeptide S Receptor. Journal of Medicinal Chemistry, 2013, 56, 9045-9056.	6.4	18
10	Identification, design and synthesis of novel pyrazolopyridine influenza virus nonstructural protein 1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1113-1119.	2.2	14
11	Discovery and Optimization of 2-H <sup>2</sup> -Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. Journal of Medicinal Chemistry, 2021, 64, 4913-4946.	6.4	12
12	The HIV protease inhibitor, ritonavir, corrects diverse brain phenotypes across development in mouse model of DYT-TOR1A dystonia. Science Translational Medicine, 2021, 13, .	12.4	10
13	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. Cancer Chemotherapy and Pharmacology, 2018, 82, 1067-1080.	2.3	9
14	Metabolism and pharmacokinetics characterization of metarrestin in multiple species. Cancer Chemotherapy and Pharmacology, 2020, 85, 805-816.	2.3	6
15	Identification of 4-phenylquinolin-2(1H)-one as a specific allosteric inhibitor of Akt. Scientific Reports, 2017, 7, 11673.	3.3	5
16	Safety assessment of metarrestin in dogs: A clinical candidate targeting a subnuclear structure unique to metastatic cancer cells. Regulatory Toxicology and Pharmacology, 2020, 116, 104716.	2.7	4
17	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. Journal of Clinical and Translational Science, 2022, 6, .	0.6	4
18	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. Journal of Medicinal Chemistry, 2022, 65, 8303-8331.	6.4	4

#	ARTICLE	IF	CITATIONS
19	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. Journal of Chemical Information and Modeling, 2022, 62, 1249-1258.	5.4	3
20	Virtual Screening for the Discovery of Microbiome $\beta$ -Glucuronidase Inhibitors to Alleviate Cancer Drug Toxicity. Journal of Chemical Information and Modeling, 2022, , .	5.4	3
21	Identification of Small Molecule Inhibitors of a Mir155 Transcriptional Reporter in Th17 Cells. Scientific Reports, 2021, 11, 11498.	3.3	2
22	Structure-Based Optimization of Small Molecule Human Galactokinase Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 13551-13571.	6.4	2