

Biswaranjan Pani

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,568
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	GPCR-G Protein- β -Arrestin Super-Complex Mediates Sustained G Protein Signaling. <i>Cell</i> , 2016, 166, 907-919.	28.9	443
2	Allosteric nanobodies reveal the dynamic range and diverse mechanisms of G-protein-coupled receptor activation. <i>Nature</i> , 2016, 535, 448-452.	27.8	290
3	Manifold roles of β -arrestins in GPCR signaling elucidated with siRNA and CRISPR/Cas9. <i>Science Signaling</i> , 2018, 11, .	3.6	169
4	Mechanism of intracellular allosteric β 2AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484.	27.8	148
5	Allosteric β -blocker isolated from a DNA-encoded small molecule library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1708-1713.	7.1	118
6	Mechanism of β 2 AR regulation by an intracellular positive allosteric modulator. <i>Science</i> , 2019, 364, 1283-1287.	12.6	82
7	Small-Molecule Positive Allosteric Modulators of the β 2-Adrenoceptor Isolated from DNA-Encoded Libraries. <i>Molecular Pharmacology</i> , 2018, 94, 850-861.	2.3	66
8	Conformationally selective RNA aptamers allosterically modulate the β 2-adrenoceptor. <i>Nature Chemical Biology</i> , 2016, 12, 709-716.	8.0	65
9	Sortase ligation enables homogeneous GPCR phosphorylation to reveal diversity in β -arrestin coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3834-3839.	7.1	57
10	G protein-coupled receptor kinases (GRKs) orchestrate biased agonism at the β 2-adrenergic receptor. <i>Science Signaling</i> , 2018, 11, .	3.6	47
11	β -Arrestin-Biased Allosteric Modulator Potentiates Carvedilol-Stimulated β Adrenergic Receptor Cardioprotection. <i>Molecular Pharmacology</i> , 2021, 100, 568-579.	2.3	24
12	Allosteric activation of proto-oncogene kinase Src by GPCR β -arrestin complexes. <i>Journal of Biological Chemistry</i> , 2020, 295, 16773-16784.	3.4	21
13	GPCR signaling: conformational activation of arrestins. <i>Cell Research</i> , 2018, 28, 783-784.	12.0	20
14	Unique Positive Cooperativity Between the β -Arrestin-Biased β -Blocker Carvedilol and a Small Molecule Positive Allosteric Modulator of the β 2-Adrenergic Receptor. <i>Molecular Pharmacology</i> , 2021, 100, 513-525.	2.3	18