

# Biswaranjan Pani

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

1,568  
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623734

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2187  
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#	ARTICLE	IF	CITATIONS
1	$\beta$ -Arrestin <sup>1</sup> -Biased Allosteric Modulator Potentiates Carvedilol-Stimulated $\beta$ Adrenergic Receptor Cardioprotection. <i>Molecular Pharmacology</i> , 2021, 100, 568-579.	2.3	24
2	Unique Positive Cooperativity Between the $\beta$ -Arrestin <sup>1</sup> -Biased $\beta$ -Blocker Carvedilol and a Small Molecule Positive Allosteric Modulator of the $\beta_2$ -Adrenergic Receptor. <i>Molecular Pharmacology</i> , 2021, 100, 513-525.	2.3	18
3	Allosteric activation of proto-oncogene kinase Src by GPCR <sup>1</sup> -beta-arrestin complexes. <i>Journal of Biological Chemistry</i> , 2020, 295, 16773-16784.	3.4	21
4	Mechanism of $\beta_2$ AR regulation by an intracellular positive allosteric modulator. <i>Science</i> , 2019, 364, 1283-1287.	12.6	82
5	Sortase ligation enables homogeneous GPCR phosphorylation to reveal diversity in $\beta$ -arrestin coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3834-3839.	7.1	57
6	Manifold roles of $\beta$ -arrestins in GPCR signaling elucidated with siRNA and CRISPR/Cas9. <i>Science Signaling</i> , 2018, 11, .	3.6	169
7	Small-Molecule Positive Allosteric Modulators of the $\beta_2$ -Adrenoceptor Isolated from DNA-Encoded Libraries. <i>Molecular Pharmacology</i> , 2018, 94, 850-861.	2.3	66
8	GPCR signaling: conformational activation of arrestins. <i>Cell Research</i> , 2018, 28, 783-784.	12.0	20
9	G protein <sup>1</sup> -coupled receptor kinases (GRKs) orchestrate biased agonism at the $\beta_2$ -adrenergic receptor. <i>Science Signaling</i> , 2018, 11, .	3.6	47
10	Allosteric $\beta$ -blocker <sup>1</sup> 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
11	Mechanism of intracellular allosteric $\beta_2$ AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484.	27.8	148
12	Conformationally selective RNA aptamers allosterically modulate the $\beta_2$ -adrenoceptor. <i>Nature Chemical Biology</i> , 2016, 12, 709-716.	8.0	65
13	GPCR-G Protein- $\beta$ -Arrestin Super-Complex Mediates Sustained G Protein Signaling. <i>Cell</i> , 2016, 166, 907-919.	28.9	443
14	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