

Bianca Plouffe

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,300
citations

758635

12
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

1842
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Elements Directing G Proteins and \hat{I}^2 -Arrestin Interactions with the Human Melatonin Type 2 Receptor Revealed by Natural Variants. ACS Pharmacology and Translational Science, 2022, 5, 89-101.	2.5	2
2	Human MC4R variants affect endocytosis, trafficking and dimerization revealing multiple cellular mechanisms involved in weight regulation. Cell Reports, 2021, 34, 108862.	2.9	37
3	Identification of Key Regions Mediating Human Melatonin Type 1 Receptor Functional Selectivity Revealed by Natural Variants. ACS Pharmacology and Translational Science, 2021, 4, 1614-1627.	2.5	4
4	Circadian, Sleep and Caloric Intake Phenotyping in Type 2 Diabetes Patients With Rare Melatonin Receptor 2 Mutations and Controls: A Pilot Study. Frontiers in Physiology, 2020, 11, 564140.	1.3	9
5	Emerging Role of Compartmentalized G Protein-Coupled Receptor Signaling in the Cardiovascular Field. ACS Pharmacology and Translational Science, 2020, 3, 221-236.	2.5	38
6	The constitutive activity of the viral-encoded G protein-coupled receptor US28 supports a complex signalling network contributing to cancer development. Biochemical Society Transactions, 2020, 48, 1493-1504.	1.6	5
7	Manifold roles of \hat{I}^2 -arrestins in GPCR signaling elucidated with siRNA and CRISPR/Cas9. Science Signaling, 2018, 11, .	1.6	169
8	Translating biased signaling in the ghrelin receptor system into differential in vivo functions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10255-E10264.	3.3	37
9	Type 2 diabetes-associated variants of the MT ₂ melatonin receptor affect distinct modes of signaling. Science Signaling, 2018, 11, .	1.6	45
10	Identification of key regions mediating human melatonin type 1 receptor biased signaling revealed by natural variants. FASEB Journal, 2018, 32, 555.10.	0.2	0
11	Distinct conformations of GPCR- \hat{I}^2 -arrestin complexes mediate desensitization, signaling, and endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2562-2567.	3.3	281
12	Discovery of G Protein-Biased Dopaminergics with a Pyrazolo[1,5-a]pyridine Substructure. Journal of Medicinal Chemistry, 2017, 60, 2908-2929.	2.9	55
13	Purinergic Receptor Transactivation by the \hat{I}^2 -Adrenergic Receptor Increases Intracellular Ca ²⁺ in Nonexcitable Cells. Molecular Pharmacology, 2017, 91, 533-544.	1.0	52
14	GPCR-G Protein- \hat{I}^2 -Arrestin Super-Complex Mediates Sustained G Protein Signaling. Cell, 2016, 166, 907-919.	13.5	443
15	Mapping physiological G protein-coupled receptor signaling pathways reveals a role for receptor phosphorylation in airway contraction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4524-4529.	3.3	46
16	Constitutive Activities and Inverse Agonism in Dopamine Receptors. Advances in Pharmacology, 2014, 70, 175-214.	1.2	35
17	Role of Tyrosine Kinase Receptors in Angiotensin II AT2 Receptor Signaling: Involvement in Neurite Outgrowth and in p42/p44mapk Activation in NG108-15 Cells. Endocrinology, 2006, 147, 4646-4654.	1.4	42