

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