

Patricia C Edwards

List of Publications by Year in descending order

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15
papers

1,469
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2370
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in SMA-like polymer architecture dictate the conformational changes exhibited by the membrane protein rhodopsin encapsulated in lipid nano-particles. <i>Nanoscale</i> , 2021, 13, 13519-13528.	5.6	10
2	High-mass MALDI-MS unravels ligand-mediated G protein-coupling selectivity to GPCRs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
3	Molecular basis of β -arrestin coupling to formoterol-bound β ² ₁ -adrenoceptor. <i>Nature</i> , 2020, 583, 862-866.	27.8	177
4	Strategic Screening and Characterization of the Visual GPCR-mini-G Protein Signaling Complex for Successful Crystallization. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
5	Molecular basis for high-affinity agonist binding in GPCRs. <i>Science</i> , 2019, 364, 775-778.	12.6	90
6	Crystal structure of rhodopsin in complex with a mini-G sheds light on the principles of G protein selectivity. <i>Science Advances</i> , 2018, 4, eaat7052.	10.3	65
7	Cryo-EM structure of the serotonin 5-HT _{1B} receptor coupled to heterotrimeric G _o . <i>Nature</i> , 2018, 558, 620-623.	27.8	183
8	Strategy for the Thermostabilization of an Agonist-Bound GPCR Coupled to a G Protein. <i>Methods in Enzymology</i> , 2017, 594, 243-264.	1.0	11
9	Mini-G proteins: Novel tools for studying GPCRs in their active conformation. <i>PLoS ONE</i> , 2017, 12, e0175642.	2.5	206
10	Complete Reversible Refolding of a G-Protein Coupled Receptor on a Solid Support. <i>PLoS ONE</i> , 2016, 11, e0151582.	2.5	11
11	Generation of Tetracycline-Inducible Mammalian Cell Lines by Flow Cytometry for Improved Overproduction of Membrane Proteins. <i>Methods in Molecular Biology</i> , 2016, 1432, 63-78.	0.9	8
12	The 2.1 Å Resolution Structure of Cyanopindolol-Bound β ² ₁ -Adrenoceptor Identifies an Intramembrane Na ⁺ Ion that Stabilises the Ligand-Free Receptor. <i>PLoS ONE</i> , 2014, 9, e92727.	2.5	157
13	Structure of the large ribosomal subunit from human mitochondria. <i>Science</i> , 2014, 346, 718-722.	12.6	260
14	Stabilized G protein binding site in the structure of constitutively active metarhodopsin-II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 119-124.	7.1	226
15	Crystals of Native and Modified Bovine Rhodopsins and Their Heavy Atom Derivatives. <i>Journal of Molecular Biology</i> , 2004, 343, 1439-1450.	4.2	55