

Mark Wheatley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/603753/publications.pdf>

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9
papers

588
citations

1039880

9
h-index

1474057

9
g-index

9
all docs

9
docs citations

9
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural analysis of a nanoparticle containing a lipid bilayer used for detergent-free extraction of membrane proteins. <i>Nano Research</i> , 2015, 8, 774-789.	5.8	161
2	G-protein coupled receptor solubilization and purification for biophysical analysis and functional studies, in the total absence of detergent. <i>Bioscience Reports</i> , 2015, 35, .	1.1	150
3	An acid-compatible co-polymer for the solubilization of membranes and proteins into lipid bilayer-containing nanoparticles. <i>Nanoscale</i> , 2018, 10, 10609-10619.	2.8	91
4	A Key Role for Transmembrane Prolines in Calcitonin Receptor-Like Receptor Agonist Binding and Signalling: Implications for Family B G-Protein-Coupled Receptors. <i>Molecular Pharmacology</i> , 2005, 67, 20-31.	1.0	59
5	GPCRâ€“styrene maleic acid lipid particles (GPCRâ€“SMALPs): their nature and potential. <i>Biochemical Society Transactions</i> , 2016, 44, 619-623.	1.6	40
6	Single molecule binding of a ligand to a G-protein-coupled receptor in real time using fluorescence correlation spectroscopy, rendered possible by nano-encapsulation in styrene maleic acid lipid particles. <i>Nanoscale</i> , 2020, 12, 11518-11525.	2.8	37
7	Ligand-induced conformational changes in a SMALP-encapsulated GPCR.. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183235.	1.4	24
8	Interactions between RAMP2 and CRF receptors: The effect of receptor subtypes, splice variants and cell context. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 997-1003.	1.4	16
9	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.	2.8	10