

Karolina Corin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

422
citations

840776

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1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	How physical forces drive the process of helical membrane protein folding. EMBO Reports, 2022, 23, e53025.	4.5	13
2	G-Protein-Coupled Receptor Expression and Purification. Methods in Molecular Biology, 2021, 2178, 439-467.	0.9	1
3	How bilayer properties influence membrane protein folding. Protein Science, 2020, 29, 2348-2362.	7.6	25
4	The G protein coupled receptor CXCR4 designed by the QTY code becomes more hydrophilic and retains cell signaling activity. Scientific Reports, 2020, 10, 21371.	3.3	17
5	Applications of Single-Molecule Methods to Membrane Protein Folding Studies. Journal of Molecular Biology, 2018, 430, 424-437.	4.2	30
6	Peptide surfactants in membrane protein purification and stabilization. , 2018, , 485-512.		4
7	QTY code enables design of detergent-free chemokine receptors that retain ligand-binding activities. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8652-E8659.	7.1	39
8	Cell-free expression, purification and ligand-binding analysis of Drosophila melanogaster olfactory receptors DmOR67a, DmOR85b and DmORCO. Scientific Reports, 2015, 5, 7867.	3.3	20
9	G-Protein-Coupled Receptor Expression and Purification. Methods in Molecular Biology, 2014, 1129, 461-486.	0.9	0
10	Production of Olfactory Receptors Using Commercial E. coli Cell-free Systems. , 2014, , 115-126.		0
11	Insertion of T4-lysozyme (T4L) can be a useful tool for studying olfactory-related GPCRs. Molecular BioSystems, 2012, 8, 1750.	2.9	11
12	A Robust and Rapid Method of Producing Soluble, Stable, and Functional G-Protein Coupled Receptors. PLoS ONE, 2011, 6, e23036.	2.5	48
13	Designer Lipid-Like Peptides: A Class of Detergents for Studying Functional Olfactory Receptors Using Commercial Cell-Free Systems. PLoS ONE, 2011, 6, e25067.	2.5	52
14	Study of two G-protein coupled receptor variants of human trace amine-associated receptor 5. Scientific Reports, 2011, 1, 102.	3.3	21
15	Peptide surfactants for cell-free production of functional G protein-coupled receptors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9049-9054.	7.1	104
16	Structure and function analyses of the purified GPCR human vomeronasal type 1 receptor 1. Scientific Reports, 2011, 1, 172.	3.3	37