

Karolina Corin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

422
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A Robust and Rapid Method of Producing Soluble, Stable, and Functional G-Protein Coupled Receptors. PLoS ONE, 2011, 6, e23036.	2.5	48
4	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
5	Structure and function analyses of the purified GPCR human vomeronasal type 1 receptor 1. Scientific Reports, 2011, 1, 172.	3.3	37
6	Applications of Single-Molecule Methods to Membrane Protein Folding Studies. Journal of Molecular Biology, 2018, 430, 424-437.	4.2	30
7	How bilayer properties influence membrane protein folding. Protein Science, 2020, 29, 2348-2362.	7.6	25
8	Study of two G-protein coupled receptor variants of human trace amine-associated receptor 5. Scientific Reports, 2011, 1, 102.	3.3	21
9	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
10	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
11	How physical forces drive the process of helical membrane protein folding. EMBO Reports, 2022, 23, e53025.	4.5	13
12	Insertion of T4-lysozyme (T4L) can be a useful tool for studying olfactory-related GPCRs. Molecular BioSystems, 2012, 8, 1750.	2.9	11
13	Peptide surfactants in membrane protein purification and stabilization. , 2018, , 485-512.		4
14	G-Protein-Coupled Receptor Expression and Purification. Methods in Molecular Biology, 2021, 2178, 439-467.	0.9	1
15	G-Protein-Coupled Receptor Expression and Purification. Methods in Molecular Biology, 2014, 1129, 461-486.	0.9	0
16	Production of Olfactory Receptors Using Commercial E. coli Cell-free Systems. , 2014, , 115-126.		0