Manuela Zoonens

List of Publications by Year
in descending order

20	928	516710 16	713466 21
papers	citations	h-index	g-index

22	22	22	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amphipathic environments for determining the structure of membrane proteins by single-particle electron cryo-microscopy. Quarterly Reviews of Biophysics, 2021, 54, e6.	5.7	22
2	Fullâ€length G glycoprotein directly extracted from rabies virus with detergent and then stabilized by amphipols in liquid and freezeâ€dried forms. Biotechnology and Bioengineering, 2021, 118, 4317-4330.	3.3	2
3	Cycloalkane-modified amphiphilic polymers provide direct extraction of membrane proteins for CryoEM analysis. Communications Biology, 2021, 4, 1337.	4.4	13
4	Improved protection against Chlamydia muridarum using the native major outer membrane protein trapped in Resiquimod-carrying amphipols and effects in protection with addition of a Th1 (CpG-1826) and a Th2 (Montanide ISA 720) adjuvant. Vaccine, 2020, 38, 4412-4422.	3.8	9
5	Solubilization and Stabilization of Membrane Proteins by Cycloalkane-Modified Amphiphilic Polymers. Biomacromolecules, 2020, 21, 3459-3467.	5.4	38
6	BAmSA: Visualising transmembrane regions in protein complexes using biotinylated amphipols and electron microscopy. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 466-477.	2.6	7
7	Folding and stabilizing membrane proteins in amphipol A8-35. Methods, 2018, 147, 95-105.	3.8	32
8	Co-delivery of amphipol-conjugated adjuvant with antigen, and adjuvant combinations, enhance immune protection elicited by a membrane protein-based vaccine against a mucosal challenge with Chlamydia. Vaccine, 2018, 36, 6640-6649.	3.8	12
9	Systematic analysis of the use of amphipathic polymers for studies of outer membrane proteins using mass spectrometry. International Journal of Mass Spectrometry, 2015, 391, 54-61.	1.5	30
10	Synthesis of a Polyhistidine-bearing Amphipol and its Use for Immobilizing Membrane Proteins. Biomacromolecules, 2015, 16, 3751-3761.	5.4	32
11	Synthesis of an oligonucleotide-derivatized amphipol and its use to trap and immobilize membrane proteins. Nucleic Acids Research, 2014, 42, e83-e83.	14.5	26
12	Amphipols for Each Season. Journal of Membrane Biology, 2014, 247, 759-796.	2.1	110
13	A Step Closer to Membrane Protein Multiplexed Nanoarrays Using Biotin-Doped Polypyrrole. ACS Nano, 2014, 8, 1844-1853.	14.6	29
14	Functionalized Amphipols: A Versatile Toolbox Suitable for Applications of Membrane Proteins in Synthetic Biology. Journal of Membrane Biology, 2014, 247, 815-826.	2.1	23
15	Amphipol-Trapped ExbBâ€“ExbD Membrane Protein Complex from Escherichia coli: A Biochemical and Structural Case Study. Journal of Membrane Biology, 2014, 247, 1005-1018.	2.1	18
16	Dangerous Liaisons between Detergents and Membrane Proteins. The Case of Mitochondrial Uncoupling Protein 2. Journal of the American Chemical Society, 2013, 135, 15174-15182.	13.7	86
17	Production of UCP1 a membrane protein from the inner mitochondrial membrane using the cell free expression system in the presence of a fluorinated surfactant. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 798-805.	2.6	26
18	Expression of Membrane Proteins at the Escherichia coli Membrane for Structural Studies. Methods in Molecular Biology, 2010, 601, 49-66.	0.9	29

#	Article	IF	Citations
19	Dynamics of Membrane Protein/Amphipol Association Studied by FÃ¶rster Resonance Energy Transfer:â€‰ Implications for in Vitro Studies of Amphipol-Stabilized Membrane Proteins. Biochemistry, 2007, 46, 10392-10404.	2.5	87
20	NMR study of a membrane protein in detergent-free aqueous solution. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8893-8898.	7.1	110