

Peter J Judge

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

727
citations

567144

15
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Detergent-free Formation and Physicochemical Characterization of Nanosized Lipid-Polymer Complexes: Lipodisq. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4653-4657.	7.2	166
2	Nanoscale imaging reveals laterally expanding antimicrobial pores in lipid bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8918-8923.	3.3	112
3	Biophysical characterization of Vpu from HIV-1 suggests a channel-pore dualism. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 1488-1497.	1.5	63
4	Recent contributions from solid-state NMR to the understanding of membrane protein structure and function. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 690-695.	2.8	49
5	From polymer chemistry to structural biology: The development of SMA and related amphipathic polymers for membrane protein extraction and solubilisation. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 167-175.	1.5	39
6	Engineering monolayer poration for rapid exfoliation of microbial membranes. <i>Chemical Science</i> , 2017, 8, 1105-1115.	3.7	35
7	The Conformation of Bacteriorhodopsin Loops in Purple Membranes Resolved by Solid-State MAS-NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8432-8435.	7.2	34
8	Anti-antimicrobial Peptides. <i>Journal of Biological Chemistry</i> , 2013, 288, 20162-20172.	1.6	31
9	Detergent-free Lipodisq Nanoparticles Facilitate High-Resolution Mass Spectrometry of Folded Integral Membrane Proteins. <i>Nano Letters</i> , 2021, 21, 2824-2831.	4.5	29
10	Towards a Mechanism of Function of the Viral Ion Channel Vpu from HIV-1. <i>Journal of Biomolecular Structure and Dynamics</i> , 2007, 24, 589-596.	2.0	26
11	Tuneable poration: host defense peptides as sequence probes for antimicrobial mechanisms. <i>Scientific Reports</i> , 2018, 8, 14926.	1.6	24
12	Structures of the archaerhodopsin-3 transporter reveal that disordering of internal water networks underpins receptor sensitization. <i>Nature Communications</i> , 2021, 12, 629.	5.8	22
13	¹³ C- and ¹ H-detection under fast MAS for the study of poorly available proteins: application to sub-milligram quantities of a 7 trans-membrane protein. <i>Journal of Biomolecular NMR</i> , 2015, 62, 17-23.	1.6	16
14	Solid-State Nuclear Magnetic Resonance Spectroscopy for Membrane Protein Structure Determination. <i>Methods in Molecular Biology</i> , 2015, 1261, 331-347.	0.4	16
15	Lipodisqs for eukaryote lipidomics with retention of viability: Sensitivity and resistance to <i>Leucobacter</i> infection linked to <i>C.elegans</i> cuticle composition. <i>Chemistry and Physics of Lipids</i> , 2019, 222, 51-58.	1.5	14
16	Conformational flexibility of GRASPs and their constituent PDZ subdomains reveals structural basis of their promiscuous interactome. <i>FEBS Journal</i> , 2020, 287, 3255-3272.	2.2	10
17	Physicochemical Characterization, Toxicity and <i>In Vivo</i> Biodistribution Studies of a Discoidal, Lipid-Based Drug Delivery Vehicle: Lipodisq Nanoparticles Containing Doxorubicin. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 419-431.	0.5	8
18	Mediation mechanism of tyrosine 185 on the retinal isomerization equilibrium and the proton release channel in the seven-transmembrane receptor bacteriorhodopsin. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1786-1795.	0.5	6

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19	Two states of a light-sensitive membrane protein captured at room temperature using thin-film sample mounts. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 52-58.	1.1	2