

Niklaus Johner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8262062/publications.pdf>

Version: 2024-02-01

18
papers

917
citations

471509

17
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1491
citing authors

#	ARTICLE	IF	CITATIONS
1	ProMod3â€”A versatile homology modelling toolbox. PLoS Computational Biology, 2021, 17, e1008667.	3.2	161
2	An Amphipathic Helix Directs Cellular Membrane Curvature Sensing and Function of the BAR Domain Protein PICK1. Cell Reports, 2018, 23, 2056-2069.	6.4	37
3	Conformational dynamics and role of the acidic pocket in ASIC pH-dependent gating. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3768-3773.	7.1	73
4	Implementation of a methodology for determining elastic properties of lipid assemblies from molecular dynamics simulations. BMC Bioinformatics, 2016, 17, 161.	2.6	25
5	The SIB Swiss Institute of Bioinformaticsâ€™ resources: focus on curated databases. Nucleic Acids Research, 2016, 44, D27-D37.	14.5	64
6	Computational modeling of the N-terminus of the human dopamine transporter and its interaction with PIP ₂ -containing membranes. Proteins: Structure, Function and Bioinformatics, 2015, 83, 952-969.	2.6	47
7	Structure of Dimeric and Tetrameric Complexes of the BAR Domain Protein PICK1 Determined by Small-Angle X-Ray Scattering. Structure, 2015, 23, 1258-1270.	3.3	34
8	Curvature and Lipid Packing Modulate the Elastic Properties of Lipid Assemblies: Comparing H _{II} and Lamellar Phases. Journal of Physical Chemistry Letters, 2014, 5, 4201-4206.	4.6	23
9	Molecular origins of bending rigidity in lipids with isolated and conjugated double bonds: The effect of cholesterol. Chemistry and Physics of Lipids, 2014, 178, 18-26.	3.2	27
10	Protein and Lipid Interactions Driving Molecular Mechanisms of <i>in meso</i> Crystallization. Journal of the American Chemical Society, 2014, 136, 3271-3284.	13.7	17
11	How the Dynamic Properties and Functional Mechanisms of GPCRs Are Modulated by Their Coupling to the Membrane Environment. Advances in Experimental Medicine and Biology, 2014, 796, 55-74.	1.6	23
12	<i>OpenStructure</i> : an integrated software framework for computational structural biology. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 701-709.	2.5	93
13	Synergistic substrate binding determines the stoichiometry of transport of a prokaryotic H ⁺ /Cl ⁻ exchanger. Nature Structural and Molecular Biology, 2012, 19, 525-531.	8.2	71
14	Why GPCRs behave differently in cubic and lamellar lipidic mesophases. Journal of the American Chemical Society, 2012, 134, 15858-15868.	13.7	47
15	Optimal percolation of disordered segregated composites. Physical Review E, 2009, 79, 020104.	2.1	23
16	Optimisation of a thick-film 10â€”400N force sensor. Microelectronics Reliability, 2008, 48, 902-905.	1.7	4
17	Percolative properties of hard oblate ellipsoids of revolution with a soft shell. Physical Review E, 2008, 78, 061126.	2.1	60
18	Perceived health and comfort in relation to energy use and building characteristics. Building Research and Information, 2006, 34, 467-474.	3.9	81