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List of Publications by Year in descending order

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19
docs citations

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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	<i>OpenStructure</i>: an integrated software framework for computational structural biology. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 701-709.	2.5	93
3	Perceived health and comfort in relation to energy use and building characteristics. Building Research and Information, 2006, 34, 467-474.	3.9	81
4	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
5	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
6	The SIB Swiss Institute of Bioinformaticsâ€™™ resources: focus on curated databases. Nucleic Acids Research, 2016, 44, D27-D37.	14.5	64
7	Percolative properties of hard oblate ellipsoids of revolution with a soft shell. Physical Review E, 2008, 78, 061126.	2.1	60
8	Why GPCRs behave differently in cubic and lamellar lipidic mesophases. Journal of the American Chemical Society, 2012, 134, 15858-15868.	13.7	47
9	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
10	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
11	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
12	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
13	Implementation of a methodology for determining elastic properties of lipid assemblies from molecular dynamics simulations. BMC Bioinformatics, 2016, 17, 161.	2.6	25
14	Optimal percolation of disordered segregated composites. Physical Review E, 2009, 79, 020104.	2.1	23
15	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
16	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
17	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
18	Optimisation of a thick-film 10â€”400N force sensor. Microelectronics Reliability, 2008, 48, 902-905.	1.7	4