

Guido Polles

List of Publications by Year in descending order

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7
papers

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citations

1478505

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1720034

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302
citing authors

#	ARTICLE	IF	CITATIONS
1	Permeation Pathway of Homomeric Connexin 26 and Connexin 30 Channels Investigated by Molecular Dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 985-998.	3.5	50
2	Mechanical and Assembly Units of Viral Capsids Identified via Quasi-Rigid Domain Decomposition. <i>PLoS Computational Biology</i> , 2013, 9, e1003331.	3.2	35
3	SPECTRUS: A Dimensionality Reduction Approach for Identifying Dynamical Domains in Protein Complexes from Limited Structural Datasets. <i>Structure</i> , 2015, 23, 1516-1525.	3.3	32
4	Self-assembling knots of controlled topology by designing the geometry of patchy templates. <i>Nature Communications</i> , 2015, 6, 6423.	12.8	31
5	The 3.5 ÅngstrÅm X-ray structure of the human connexin26 gap junction channel is unlikely that of a fully open channel. <i>Cell Communication and Signaling</i> , 2013, 11, 15.	6.5	23
6	Optimal Self-Assembly of Linked Constructs and Catenanes via Spatial Confinement. <i>ACS Macro Letters</i> , 2016, 5, 931-935.	4.8	19
7	Self-assembly of knots and links. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 034003.	2.3	4