

Vanessa Leone

List of Publications by Year in descending order

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15
papers

619
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting biomolecular flexibility with metadynamics. <i>Current Opinion in Structural Biology</i> , 2010, 20, 148-154.	5.7	127
2	Promiscuous archaeal ATP synthase concurrently coupled to Na ⁺ and H ⁺ translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 947-952.	7.1	113
3	Engineering rotor ring stoichiometries in the ATP synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1599-608.	7.1	89
4	A New Type of Na ⁺ -Driven ATP Synthase Membrane Rotor with a Two-Carboxylate Ion-Coupling Motif. <i>PLoS Biology</i> , 2013, 11, e1001596.	5.6	61
5	Mechanism of Action of Cyclophilin A Explored by Metadynamics Simulations. <i>PLoS Computational Biology</i> , 2009, 5, e1000309.	3.2	43
6	On the principle of ion selectivity in Na ⁺ /H ⁺ -coupled membrane proteins: Experimental and theoretical studies of an ATP synthase rotor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1057-66.	7.1	41
7	The C-terminal Src Inhibitory Kinase (Csk)-mediated Tyrosine Phosphorylation Is a Novel Molecular Mechanism to Limit P2X3 Receptor Function in Mouse Sensory Neurons. <i>Journal of Biological Chemistry</i> , 2009, 284, 21393-21401.	3.4	39
8	A c Subunit with Four Transmembrane Helices and One Ion (Na ⁺)-binding Site in an Archaeal ATP Synthase. <i>Journal of Biological Chemistry</i> , 2012, 287, 39327-39337.	3.4	22
9	On the Question of Hydronium Binding to ATP-Synthase Membrane Rotors. <i>Biophysical Journal</i> , 2010, 99, L53-L55.	0.5	19
10	Molecular Description of the Propagation of Chirality from Molecules to Complex Systems: Different Mechanisms Controlled by Hydrophobic Interactions. <i>Chemistry - A European Journal</i> , 2012, 18, 14680-14688.	3.3	18
11	Structure and mechanism of the ATP synthase membrane motor inferred from quantitative integrative modeling. <i>Journal of General Physiology</i> , 2016, 148, 441-457.	1.9	17
12	Chloride-dependent conformational changes in the GlyT1 glycine transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
13	Interpretation of spectroscopic data using molecular simulations for the secondary active transporter BetP. <i>Journal of General Physiology</i> , 2019, 151, 381-394.	1.9	7
14	Predicted Structures of the Proton-Bound Membrane-Embedded Rotor Rings of the <i>Saccharomyces cerevisiae</i> and <i>Escherichia coli</i> ATP Synthases. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3297-3307.	2.6	6
15	HIV-1 Integrase Binding to its Cellular Partners: A Perspective from Computational Biology. <i>Current Pharmaceutical Design</i> , 2014, 20, 3412-3421.	1.9	1