

Vanessa Leone

List of Publications by Year in descending order

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15
papers

619
citations

759233

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996975

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g-index

17
all docs

17
docs citations

17
times ranked

854
citing authors

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