

P Ryan Steed

List of Publications by Year in descending order

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11
papers

421
citations

1040056

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1372567

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g-index

12
all docs

12
docs citations

12
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the Fourth Dimension of Membrane Protein Structure: Insight into Dynamics from Spin-Labeling EPR Spectroscopy. <i>Structure</i> , 2011, 19, 1549-1561.	3.3	215
2	Half channels mediating H ⁺ transport and the mechanism of gating in the Fo sector of Escherichia coli F1Fo ATP synthase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1063-1068.	1.0	44
3	Subunit a Facilitates Aqueous Access to a Membrane-embedded Region of Subunit c in Escherichia coli F1Fo ATP Synthase. <i>Journal of Biological Chemistry</i> , 2008, 283, 12365-12372.	3.4	38
4	Aqueous Accessibility to the Transmembrane Regions of Subunit c of the Escherichia coli F1Fo ATP Synthase. <i>Journal of Biological Chemistry</i> , 2009, 284, 23243-23250.	3.4	34
5	Sodium and proton coupling in the conformational cycle of a MATE antiporter from <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6182-E6190.	7.1	25
6	Na ⁺ Substrate Coupling in the Multidrug Antiporter NorM Probed with a Spin-Labeled Substrate. <i>Biochemistry</i> , 2013, 52, 5790-5799.	2.5	24
7	Structure and pH-Induced Structural Rearrangements of the Putative Multidrug Efflux Pump EmrD in Liposomes Probed by Site-Directed Spin Labeling. <i>Biochemistry</i> , 2013, 52, 7964-7974.	2.5	13
8	Residues in the Polar Loop of Subunit c in Escherichia coli ATP Synthase Function in Gating Proton Transport to the Cytoplasm. <i>Journal of Biological Chemistry</i> , 2014, 289, 2127-2138.	3.4	12
9	Fluidity of Structure and Swiveling of Helices in the Subunit c Ring of Escherichia coli ATP Synthase as Revealed by Cysteine-Cysteine Cross-Linking. <i>Journal of Biological Chemistry</i> , 2007, 282, 33788-33794.	3.4	11
10	Interacting cytoplasmic loops of subunits a and c of Escherichia coli F1Fo ATP synthase gate H ⁺ transport to the cytoplasm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16730-16735.	7.1	5
11	Substrate Binding and Transport by a Bacterial Multidrug MFS Transporter. <i>Biophysical Journal</i> , 2012, 102, 714a.	0.5	0