

Miriam-Rose Ash

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

416
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and autoregulation of a P4-ATPase lipid flippase. <i>Nature</i> , 2019, 571, 366-370.	27.8	126
2	Potassium-activated GTPase Reaction in the G Protein-coupled Ferrous Iron Transporter B. <i>Journal of Biological Chemistry</i> , 2010, 285, 14594-14602.	3.4	51
3	Unprecedented Binding Cooperativity between Cu ^I and Cu ^{II} in the Copper Resistance Protein CopK from <i>Cupriavidus metallidurans</i> CH34: Implications from Structural Studies by NMR Spectroscopy and X-Ray Crystallography. <i>Journal of the American Chemical Society</i> , 2009, 131, 3549-3564.	13.7	38
4	The cation-independent Gα proteins: In a class of their own. <i>FEBS Letters</i> , 2012, 586, 2218-2224.	2.8	37
5	Conserved β -Hairpin Recognition by the GYF Domains of Smy2 and GIGYF2 in mRNA Surveillance and Vesicular Transport Complexes. <i>Structure</i> , 2010, 18, 944-954.	3.3	34
6	The Initiation of GTP Hydrolysis by the G-Domain of FeoB: Insights from a Transition-State Complex Structure. <i>PLoS ONE</i> , 2011, 6, e23355.	2.5	34
7	High phosphatidylinositol 4-phosphate (PI4P)-dependent ATPase activity for the Drs2p-Cdc50p flippase after removal of its N- and C-terminal extensions. <i>Journal of Biological Chemistry</i> , 2017, 292, 7954-7970.	3.4	29
8	A High-Yield Co-Expression System for the Purification of an Intact Drs2p-Cdc50p Lipid Flippase Complex, Critically Dependent on and Stabilized by Phosphatidylinositol-4-Phosphate. <i>PLoS ONE</i> , 2014, 9, e112176.	2.5	23
9	Molecular Basis of the Cooperative Binding of Cu(I) and Cu(II) to the CopK Protein from <i>Cupriavidus metallidurans</i> CH34. <i>Biochemistry</i> , 2011, 50, 9237-9247.	2.5	18
10	A suite of Switch I and Switch II mutant structures from the G-protein domain of FeoB. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 973-980.	2.5	14
11	The structure of an N11A mutant of the G-protein domain of FeoB. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1511-1515.	0.7	8
12	A GTPase Chimera Illustrates an Uncoupled Nucleotide Affinity and Release Rate, Providing Insight into the Activation Mechanism. <i>Biophysical Journal</i> , 2014, 107, L45-L48.	0.5	4