

Brenda Schilke

List of Publications by Year in descending order

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papers

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932766

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356
citing authors

#	ARTICLE	IF	CITATIONS
1	During FeS cluster biogenesis, ferredoxin and frataxin use overlapping binding sites on yeast cysteine desulfurase Nfs1. <i>Journal of Biological Chemistry</i> , 2022, 298, 101570.	1.6	2
2	Two-step mechanism of J-domain action in driving Hsp70 function. <i>PLoS Computational Biology</i> , 2020, 16, e1007913.	1.5	18
3	Biochemical Convergence of Mitochondrial Hsp70 System Specialized in Iron-Sulfur Cluster Biogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3326.	1.8	13
4	Iron-Sulfur Cluster Biogenesis Chaperones: Evidence for Emergence of Mutational Robustness of a Highly Specific Protein-Protein Interaction. <i>Molecular Biology and Evolution</i> , 2016, 33, 643-656.	3.5	19
5	Protection of scaffold protein Isu from degradation by the Lon protease Pim1 as a component of Fe-S cluster biogenesis regulation. <i>Molecular Biology of the Cell</i> , 2016, 27, 1060-1068.	0.9	22
6	Overlapping Binding Sites of the Frataxin Homologue Assembly Factor and the Heat Shock Protein 70 Transfer Factor on the Isu Iron-Sulfur Cluster Scaffold Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 30268-30278.	1.6	38
7	Binding of the Chaperone Jac1 Protein and Cysteine Desulfurase Nfs1 to the Iron-Sulfur Cluster Scaffold Isu Protein Is Mutually Exclusive. <i>Journal of Biological Chemistry</i> , 2013, 288, 29134-29142.	1.6	50
8	Coevolution-driven switch of Jac1 protein specificity towards an Hsp70 partner. <i>EMBO Reports</i> , 2010, 11, 360-365.	2.0	41
9	Evolution of Mitochondrial Chaperones Utilized in Fe-S Cluster Biogenesis. <i>Current Biology</i> , 2006, 16, 1660-1665.	1.8	94
10	Compensation for a Defective Interaction of the Hsp70 Ssq1 with the Mitochondrial Fe-S Cluster Scaffold Isu. <i>Journal of Biological Chemistry</i> , 2005, 280, 28966-28972.	1.6	29
11	Ssq1, a Mitochondrial Hsp70 Involved in Iron-Sulfur (Fe/S) Center Biogenesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 29719-29727.	1.6	122