

Brenda Schilke

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

448
citations

932766

10
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

356
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Evolution of Mitochondrial Chaperones Utilized in Fe-S Cluster Biogenesis. <i>Current Biology</i> , 2006, 16, 1660-1665. | 1.8 | 94 |
| 3 | 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 |
| 4 | Co-evolution-driven switch of J-domain protein specificity towards an Hsp70 partner. <i>EMBO Reports</i> , 2010, 11, 360-365. | 2.0 | 41 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Two-step mechanism of J-domain action in driving Hsp70 function. <i>PLoS Computational Biology</i> , 2020, 16, e1007913. | 1.5 | 18 |
| 10 | 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 |
| 11 | 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 |