

Sven Andreas Freibert

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,232
citations

687363

13
h-index

839539

18
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20
all docs

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docs citations

20
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of SRP-dependent protein secretion by the bacterial alarmone (p)ppGpp. <i>Nature Communications</i> , 2022, 13, 1069.	12.8	16
2	Mechanistic concepts of iron-sulfur protein biogenesis in Biology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118863.	4.1	113
3	N-terminal tyrosine of ISCU2 triggers [2Fe-2S] cluster synthesis by ISCU2 dimerization. <i>Nature Communications</i> , 2021, 12, 6902.	12.8	15
4	Structural Basis for Regulation of the Opposing (p)ppGpp Synthetase and Hydrolase within the Stringent Response Orchestrator. <i>Rel. Cell Reports</i> , 2020, 32, 108157.	6.4	39
5	An ATP-dependent partner switch links flagellar C-ring assembly with gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20826-20835.	7.1	17
6	Two MarR-Type Repressors Balance Precursor Uptake and Glycine Betaine Synthesis in <i>Bacillus subtilis</i> to Provide Cytoprotection Against Sustained Osmotic Stress. <i>Frontiers in Microbiology</i> , 2020, 11, 1700.	3.5	9
7	The two paralogous kiwellin proteins KWL1 and KWL1-b from maize are structurally related and have overlapping functions in plant defense. <i>Journal of Biological Chemistry</i> , 2020, 295, 7816-7825.	3.4	9
8	Mechanisms of Mitochondrial Iron-Sulfur Protein Biogenesis. <i>Annual Review of Biochemistry</i> , 2020, 89, 471-499.	11.1	220
9	Systematic identification of metabolites controlling gene expression in <i>E. coli</i> . <i>Nature Communications</i> , 2019, 10, 4463.	12.8	71
10	Molecular mechanism to recruit galectin-3 into multivesicular bodies for polarized exosomal secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4396-E4405.	7.1	98
11	Structural basis for (p)ppGpp-mediated inhibition of the GTPase RbgA. <i>Journal of Biological Chemistry</i> , 2018, 293, 19699-19709.	3.4	41
12	Function and crystal structure of the dimeric P-loop ATPase CFD1 coordinating an exposed [4Fe-4S] cluster for transfer to apoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9085-E9094.	7.1	26
13	Biochemical Reconstitution and Spectroscopic Analysis of Iron-Sulfur Proteins. <i>Methods in Enzymology</i> , 2018, 599, 197-226.	1.0	61
14	Evolutionary conservation and in vitro reconstitution of microsporidian iron-sulfur cluster biosynthesis. <i>Nature Communications</i> , 2017, 8, 13932.	12.8	67
15	Transcriptional regulation of ectoine catabolism in response to multiple metabolic and environmental cues. <i>Environmental Microbiology</i> , 2017, 19, 4599-4619.	3.8	25
16	Structure and functional dynamics of the mitochondrial Fe/S cluster synthesis complex. <i>Nature Communications</i> , 2017, 8, 1287.	12.8	144
17	Functional reconstitution of mitochondrial Fe/S cluster synthesis on Isu1 reveals the involvement of ferredoxin. <i>Nature Communications</i> , 2014, 5, 5013.	12.8	136
18	The mitochondrial Hsp70 chaperone Ssq1 facilitates Fe/S cluster transfer from Isu1 to Grx5 by complex formation. <i>Molecular Biology of the Cell</i> , 2013, 24, 1830-1841.	2.1	122