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List of Publications by Year in descending order

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15
papers

629
citations

759233

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996975

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docs citations

15
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibrational Perturbation of the [FeFe] Hydrogenase H-Cluster Revealed by ¹³ C ² -H-ADT Labeling. <i>Journal of the American Chemical Society</i> , 2021, 143, 8237-8243.	13.7	4
2	Structure-based mechanistic insights into catalysis by tRNA thiolation enzymes. <i>Current Opinion in Structural Biology</i> , 2020, 65, 69-78.	5.7	21
3	<i>Arabidopsis thaliana</i> DGAT3 is a [2Fe-2S] protein involved in TAG biosynthesis. <i>Scientific Reports</i> , 2018, 8, 17254.	3.3	46
4	Pyrenoid functions revealed by proteomics in <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2018, 13, e0185039.	2.5	59
5	Nonredox thiolation in tRNA occurring via sulfur activation by a [4Fe-4S] cluster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7355-7360.	7.1	44
6	Diversity and Functional Analysis of the FeMo-Cofactor Maturase NifB. <i>Frontiers in Plant Science</i> , 2017, 8, 1947.	3.6	17
7	On the Role of Additional [4Fe-4S] Clusters with a Free Coordination Site in Radical-SAM Enzymes. <i>Frontiers in Chemistry</i> , 2017, 5, 17.	3.6	31
8	Electron Paramagnetic Resonance Characterization of Three Iron-Sulfur Clusters Present in the Nitrogenase Cofactor Maturase NifB from <i>Methanocaldococcus infernus</i> . <i>Journal of the American Chemical Society</i> , 2016, 138, 7468-7471.	13.7	36
9	Purification of O ₂ -Sensitive Metalloproteins. <i>Methods in Molecular Biology</i> , 2014, 1122, 5-18.	0.9	2
10	Expression and Purification of NifB Proteins from Aerobic and Anaerobic Sources. <i>Methods in Molecular Biology</i> , 2014, 1122, 19-31.	0.9	7
11	Two Fe-S clusters catalyze sulfur insertion by radical-SAM methylthiotransferases. <i>Nature Chemical Biology</i> , 2013, 9, 333-338.	8.0	113
12	The methylthiolation reaction mediated by the Radical-SAM enzymes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 1223-1230.	2.3	27
13	S-Adenosylmethionine-dependent radical-based modification of biological macromolecules. <i>Current Opinion in Structural Biology</i> , 2010, 20, 684-692.	5.7	52
14	Identification of Eukaryotic and Prokaryotic Methylthiotransferase for Biosynthesis of 2-Methylthio-N ⁶ -threonylcarbamoyladenosine in tRNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 28425-28433.	3.4	111
15	Post-translational Modification of Ribosomal Proteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 5792-5801.	3.4	59