

Maria-Armineh Tossounian

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

241
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry and Redox Biology of Mycothiol. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 487-504.	2.5	45
2	The Writers, Readers, and Erasers in Redox Regulation of GAPDH. <i>Antioxidants</i> , 2020, 9, 1288.	2.2	30
3	Dehydrin ERD14 activates glutathione transferase Phi9 in <i>Arabidopsis thaliana</i> under osmotic stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129506.	1.1	28
4	Protein Promiscuity in H ₂ O ₂ Signaling. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1285-1324.	2.5	26
5	<i>Corynebacterium diphtheriae</i> Methionine Sulfoxide Reductase A Exploits a Unique Mycothiol Redox Relay Mechanism. <i>Journal of Biological Chemistry</i> , 2015, 290, 11365-11375.	1.6	25
6	Disulfide bond formation protects <i>Arabidopsis thaliana</i> glutathione transferase tau 23 from oxidative damage. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 775-789.	1.1	20
7	Regulation of metastasis suppressor NME1 by a key metabolic cofactor coenzyme A. <i>Redox Biology</i> , 2021, 44, 101978.	3.9	17
8	Regulation of the CoA Biosynthetic Complex Assembly in Mammalian Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1131.	1.8	14
9	Hypocrates is a genetically encoded fluorescent biosensor for (pseudo)hypohalous acids and their derivatives. <i>Nature Communications</i> , 2022, 13, 171.	5.8	9
10	Extensive Anti-CoA Immunostaining in Alzheimer's Disease and Covalent Modification of Tau by a Key Cellular Metabolite Coenzyme A. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 739425.	1.8	8
11	Methionine sulfoxide reductase B from <i>Corynebacterium diphtheriae</i> catalyzes sulfoxide reduction via an intramolecular disulfide cascade. <i>Journal of Biological Chemistry</i> , 2020, 295, 3664-3677.	1.6	7
12	Analysis of disulphide bond linkage between CoA and protein cysteine thiols during sporulation and in spores of <i>Bacillus</i> species. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	6
13	Profiling the Site of Protein CoAlation and Coenzyme A Stabilization Interactions. <i>Antioxidants</i> , 2022, 11, 1362.	2.2	6