

Carlos Abrunhosa Tairum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8501378/publications.pdf>

Version: 2024-02-01

12
papers

320
citations

1162889

8
h-index

1281743

11
g-index

14
all docs

14
docs citations

14
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenanthin Is an Efficient Inhibitor of Peroxiredoxins from Pathogens, Inhibits Bacterial Growth, and Potentiates Antibiotic Activities. <i>Chemical Research in Toxicology</i> , 2022, , .	1.7	2
2	Thiol- and selenol-based peroxidases: Structure and catalytic properties. , 2022, , 277-305.		0
3	Effects of Serine or Threonine in the Active Site of Typical 2-Cys Prx on Hyperoxidation Susceptibility and on Chaperone Activity. <i>Antioxidants</i> , 2021, 10, 1032.	2.2	5
4	Relevance of peroxiredoxins in pathogenic microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5701-5717.	1.7	13
5	Functional and structural evaluation of the antileukaemic enzyme l-asparaginase II expressed at low temperature by different <i>Escherichia coli</i> strains. <i>Biotechnology Letters</i> , 2020, 42, 2333-2344.	1.1	9
6	Reduction of sulfenic acids by ascorbate in proteins, connecting thiol-dependent to alternative redox pathways. <i>Free Radical Biology and Medicine</i> , 2020, 156, 207-216.	1.3	18
7	Glutaredoxin-like protein (GLP)â€”a novel bacteria sulfurtransferase that protects cells against cyanide and oxidative stresses. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5477-5492.	1.7	3
8	Monitoring H ₂ O ₂ inside <i>Aspergillus fumigatus</i> with an Integrated Microelectrode: The Role of Peroxiredoxin Protein Prx1. <i>Analytical Chemistry</i> , 2018, 90, 2587-2593.	3.2	14
9	Therapeutic l-asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	5.1	109
10	Catalytic Thr or Ser Residue Modulates Structural Switches in 2-Cys Peroxiredoxin by Distinct Mechanisms. <i>Scientific Reports</i> , 2016, 6, 33133.	1.6	47
11	Conferring specificity in redox pathways by enzymatic thiol/disulfide exchange reactions. <i>Free Radical Research</i> , 2016, 50, 206-245.	1.5	54
12	Disulfide Biochemistry in 2-Cys Peroxiredoxin: Requirement of Glu50 and Arg146 for the Reduction of Yeast Tsa1 by Thioredoxin. <i>Journal of Molecular Biology</i> , 2012, 424, 28-41.	2.0	46