

Carlos Abrunhosa Tairum

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

320
citations

1163117
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h-index

1281871
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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. Chemical Research in Toxicology, 2022, , .	3.3	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. Antioxidants, 2021, 10, 1032.	5.1	5
4	Relevance of peroxiredoxins in pathogenic microorganisms. Applied Microbiology and Biotechnology, 2021, 105, 5701-5717.	3.6	13
5	Functional and structural evaluation of the antileukaemic enzyme l-asparaginase II expressed at low temperature by different Escherichia coli strains. Biotechnology Letters, 2020, 42, 2333-2344.	2.2	9
6	Reduction of sulfenic acids by ascorbate in proteins, connecting thiol-dependent to alternative redox pathways. Free Radical Biology and Medicine, 2020, 156, 207-216.	2.9	18
7	Glutaredoxin-like protein (GLP)â€”a novel bacteria sulfurtransferase that protects cells against cyanide and oxidative stresses. Applied Microbiology and Biotechnology, 2020, 104, 5477-5492.	3.6	3
8	Monitoring H ₂ O ₂ inside <i>Aspergillus fumigatus</i> with an Integrated Microelectrode: The Role of Peroxiredoxin Protein Prx1. Analytical Chemistry, 2018, 90, 2587-2593.	6.5	14
9	Therapeutic l-asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	9.0	109
10	Catalytic Thr or Ser Residue Modulates Structural Switches in 2-Cys Peroxiredoxin by Distinct Mechanisms. Scientific Reports, 2016, 6, 33133.	3.3	47
11	Conferring specificity in redox pathways by enzymatic thiol/disulfide exchange reactions. Free Radical Research, 2016, 50, 206-245.	3.3	54
12	Disulfide Biochemistry in 2-Cys Peroxiredoxin: Requirement of Glu50 and Arg146 for the Reduction of Yeast Tsa1 by Thioredoxin. Journal of Molecular Biology, 2012, 424, 28-41.	4.2	46