Carlos Abrunhosa Tairum

List of Publications by Year
in descending order

12	320	1162889 8	1281743 11
papers	citations	h-index	g-index

14	14	14	577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Therapeutic<scp>l</scp>-asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	5.1	109
2	Conferring specificity in redox pathways by enzymatic thiol/disulfide exchange reactions. Free Radical Research, 2016, 50, 206-245.	1.5	54
3	Catalytic Thr or Ser Residue Modulates Structural Switches in 2-Cys Peroxiredoxin by Distinct Mechanisms. Scientific Reports, 2016, 6, 33133.	1.6	47
4	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.	2.0	46
5	Reduction of sulfenic acids by ascorbate in proteins, connecting thiol-dependent to alternative redox pathways. Free Radical Biology and Medicine, 2020, 156, 207-216.	1.3	18
6	Monitoring H₂O₂ inside Aspergillus fumigatus with an Integrated Microelectrode: The Role of Peroxiredoxin Protein Prx1. Analytical Chemistry, 2018, 90, 2587-2593.	3.2	14
7	Relevance of peroxiredoxins in pathogenic microorganisms. Applied Microbiology and Biotechnology, 2021, 105, 5701-5717.	1.7	13
8	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.	1.1	9
9	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.	2.2	5
10	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.	1.7	3
11	Adenanthin Is an Efficient Inhibitor of Peroxiredoxins from Pathogens, Inhibits Bacterial Growth, and Potentiates Antibiotic Activities. Chemical Research in Toxicology, 2022, , .	1.7	2
12	Thiol- and selenol-based peroxidases: Structure and catalytic properties. , 2022, , 277-305.		0