

Ana Carolina Ramos Guimarães

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

291
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic and structural features of the yellow fever virus from the 2016–2017 Brazilian outbreak. <i>Journal of General Virology</i> , 2018, 99, 536-548.	2.9	50
2	Structural modelling and comparative analysis of homologous, analogous and specific proteins from <i>Trypanosoma cruzi</i> versus <i>Homo sapiens</i> : putative drug targets for chagas' disease treatment. <i>BMC Genomics</i> , 2010, 11, 610.	2.8	45
3	The Essential Role of Cholesterol Metabolism in the Intracellular Survival of <i>Mycobacterium leprae</i> Is Not Coupled to Central Carbon Metabolism and Energy Production. <i>Journal of Bacteriology</i> , 2015, 197, 3698-3707.	2.2	33
4	AnEnPi: identification and annotation of analogous enzymes. <i>BMC Bioinformatics</i> , 2008, 9, 544.	2.6	28
5	A new approach for potential drug target discovery through in silico metabolic pathway analysis using <i>Trypanosoma cruzi</i> genome information. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1100-1110.	1.6	27
6	ESTs from Seeds to Assist the Selective Breeding of <i>Jatropha curcas</i> L. for Oil and Active Compounds. <i>Genomics Insights</i> , 2010, 3, GEI.S4340.	3.0	26
7	In silico identification of inhibitors of ribose 5-phosphate isomerase from <i>Trypanosoma cruzi</i> using ligand and structure based approaches. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 77, 168-180.	2.4	17
8	MamMiBase: a mitochondrial genome database for mammalian phylogenetic studies. <i>Bioinformatics</i> , 2005, 21, 2566-2567.	4.1	15
9	In silico reconstruction of the amino acid metabolic pathways of <i>Trypanosoma cruzi</i> . <i>Genetics and Molecular Research</i> , 2008, 7, 872-882.	0.2	12
10	Functional Analogy in Human Metabolism: Enzymes with Different Biological Roles or Functional Redundancy?. <i>Genome Biology and Evolution</i> , 2017, 9, 1624-1636.	2.5	10
11	In silico structural characterization of protein targets for drug development against <i>Trypanosoma cruzi</i> . <i>Journal of Molecular Modeling</i> , 2016, 22, 244.	1.8	7
12	Proteomics reveals major components of oogenesis in the reproductive tract of sugar-fed <i>Anopheles aquasalis</i> . <i>Parasitology Research</i> , 2016, 115, 1977-1989.	1.6	7
13	Insights into the Mechanism of Ethionamide Resistance in <i>Mycobacterium tuberculosis</i> through an in silico Structural Evaluation of EthA and Mutants Identified in Clinical Isolates. <i>Catalysts</i> , 2020, 10, 543.	3.5	4
14	Specific and Nonhomologous Isofunctional Enzymes of the Genetic Information Processing Pathways as Potential Therapeutical Targets for Trityps. <i>Enzyme Research</i> , 2011, 2011, 1-8.	1.8	3
15	A Computational Methodology to Overcome the Challenges Associated With the Search for Specific Enzyme Targets to Develop Drugs Against <i>Leishmania major</i> . <i>Bioinformatics and Biology Insights</i> , 2017, 11, 117793221771247.	2.0	3
16	In silico investigation of riboswitches in fungi: structural and dynamical insights into TPP riboswitches in <i>Aspergillus oryzae</i> . <i>RNA Biology</i> , 2022, 19, 90-103.	3.1	2
17	Computational evaluation of natural compounds as potential inhibitors of human PEPCK-M: an alternative for lung cancer therapy. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2019, Volume 12, 15-32.	2.6	1
18	Differences in Charge Distribution in <i>Leishmania tarentolae</i> Leishmanolysin Result in a Reduced Enzymatic Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7660.	4.1	1