Ana Carolina Ramos GuimarÃ£es

List of Publications by Year
in descending order

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