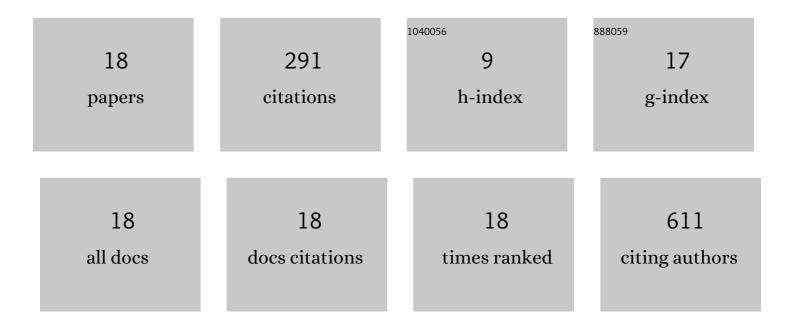
Ana Carolina Ramos Guimarães

List of Publications by Year in descending order

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ANA CAROLINA RAMOS

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | <i>In silico</i> investigation of riboswitches in fungi: structural and dynamical insights into TPP riboswitches in <i>Aspergillus oryzae</i> . 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 an<br="" as="" compounds="" evaluation="" human="" inhibitors="" natural="" of="" pepck-m:="" potential="">alternative for lung cancer therapy. Advances and Applications in Bioinformatics and Chemistry, 2019, Volume 12, 15-32.</computational> | 2.6 | 1 |
| 5 | Genomic and structural features of the yellow fever virus from the 2016–2017 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 <i>Jatropha curcas</i> 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 |

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