

# Guilherme Curty Lechuga

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Angiostrongylus cantonensis an Atypical Presenilin: Epitope Mapping, Characterization, and Development of an ELISA Peptide Assay for Specific Diagnostic of Angiostrongyliasis. Membranes, 2022, 12, 108.	3.0	0
2	Metabolic Alteration of Trypanosoma cruzi during Differentiation of Epimastigote to Trypomastigote Forms. Pathogens, 2022, 11, 268.	2.8	6
3	New Insights into Hemopexin-Binding to Hemin and Hemoglobin. International Journal of Molecular Sciences, 2022, 23, 3789.	4.1	4
4	Ecdysone modulates both ultrastructural arrangement of hindgut and attachment of Trypanosoma cruzi DM 28c to the rectum cuticle of Rhodnius prolixus fifth-instar nymph.. Experimental Parasitology, 2022, 236-237, 108247.	1.2	2
5	Detrimental Effect of Ozone on Pathogenic Bacteria. Microorganisms, 2022, 10, 40.	3.6	20
6	Bioactivity of Novel Pyrazole-Thiazolines Scaffolds against Trypanosoma cruzi: Computational Approaches and 3D Spheroid Model on Drug Discovery for Chagas Disease. Pharmaceutics, 2022, 14, 995.	4.5	3
7	Potent Activity of a High Concentration of Chemical Ozone against Antibiotic-Resistant Bacteria. Molecules, 2022, 27, 3998.	3.8	8
8	Optimization of 1,4-Naphthoquinone Hit Compound: A Computational, Phenotypic, and In Vivo Screening against Trypanosoma cruzi. Molecules, 2021, 26, 423.	3.8	9
9	Epitope Mapping of the Diphtheria Toxin and Development of an ELISA-Specific Diagnostic Assay. Vaccines, 2021, 9, 313.	4.4	11
10	Nicastrin-Like, a Novel Transmembrane Protein from Trypanosoma cruzi Associated to the Flagellar Pocket. Microorganisms, 2021, 9, 1750.	3.6	1
11	SARS-CoV-2 Proteins Bind to Hemoglobin and Its Metabolites. International Journal of Molecular Sciences, 2021, 22, 9035.	4.1	41
12	Structural Optimization and Biological Activity of Pyrazole Derivatives: Virtual Computational Analysis, Recovery Assay and 3D Culture Model as Potential Predictive Tools of Effectiveness against Trypanosoma cruzi. Molecules, 2021, 26, 6742.	3.8	7
13	Trypanosoma cruzi Presenilin-Like Transmembrane Aspartyl Protease: Characterization and Cellular Localization. Biomolecules, 2020, 10, 1564.	4.0	7
14	Pan-Drug Resistant Acinetobacter baumannii, but Not Other Strains, Are Resistant to the Bee Venom Peptide Melittin. Antibiotics, 2020, 9, 178.	3.7	18
15	Natural products from marine red and brown algae against Trypanosoma cruzi. Revista Brasileira De Farmacognosia, 2019, 29, 735-738.	1.4	5
16	Heme metabolism as a therapeutic target against protozoan parasites. Journal of Drug Targeting, 2019, 27, 767-779.	4.4	8
17	Heme crystallization in a Chagas disease vector acts as a redox-protective mechanism to allow insect reproduction and parasite infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006661.	3.0	11
18	Interactions between 4-aminoquinoline and heme: Promising mechanism against Trypanosoma cruzi. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 154-164.	3.4	17

#	ARTICLE	IF	CITATIONS
19	Interaction of <i>Mycobacterium leprae</i> with the <i>HaCAT</i> human keratinocyte cell line: new frontiers in the cellular immunology of leprosy. <i>Experimental Dermatology</i> , 2015, 24, 536-542.	2.9	20
20	New oxirane derivatives of 1,4-naphthoquinones and their evaluation against <i>T. cruzi</i> epimastigote forms. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4995-5000.	3.0	30