

Franklin Souza-Silva

List of Publications by Citations

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34
papers

398
citations

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36
ext. papers

514
ext. citations

3.8
avg, IF

3.13
L-index

#	Paper	IF	Citations
34	Atazanavir, Alone or in Combination with Ritonavir, Inhibits SARS-CoV-2 Replication and Proinflammatory Cytokine Production. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	69
33	Epoxy-Elapachone has in vitro and in vivo anti-leishmania (<i>Leishmania</i>) amazonensis effects and inhibits serine proteinase activity in this parasite. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1910-8	5.8	24
32	Synthesis, antimalarial evaluation and molecular modeling studies of hydroxyethylpiperazines, potential aspartyl protease inhibitors, part 2. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3816-20	6.8	24
31	<i>Trypanosoma cruzi</i> heparin-binding proteins mediate the adherence of epimastigotes to the midgut epithelial cells of <i>Rhodnius prolixus</i> . <i>Parasitology</i> , 2012 , 139, 735-43	2.7	23
30	Participation of heparin binding proteins from the surface of <i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> promastigotes in the adhesion of parasites to <i>Lutzomyia longipalpis</i> cells (Lulo) in vitro. <i>Parasites and Vectors</i> , 2012 , 5, 142	4	21
29	In silico predicted epitopes from the COOH-terminal extension of cysteine proteinase B inducing distinct immune responses during <i>Leishmania</i> (<i>Leishmania</i>) amazonensis experimental murine infection. <i>BMC Immunology</i> , 2011 , 12, 44	3.7	21
28	Overview of the organization of protease genes in the genome of <i>Leishmania</i> spp. <i>Parasites and Vectors</i> , 2014 , 7, 387	4	20
27	Proteinase inhibitors: a promising drug class for treating leishmaniasis. <i>Current Drug Targets</i> , 2014 , 15, 1121-31	3	18
26	<i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> : insights on subcellular distribution and biochemical properties of heparin-binding proteins. <i>Parasitology</i> , 2012 , 139, 200-7	2.7	17
25	Evidences for leishmanicidal activity of the naphthoquinone derivative epoxy-Elapachone. <i>Experimental Parasitology</i> , 2014 , 147, 81-4	2.1	16
24	Synthesis, structure-activity relationship and trypanocidal activity of pyrazole-imidazoline and new pyrazole-tetrahydropyrimidine hybrids as promising chemotherapeutic agents for Chagas disease. <i>European Journal of Medicinal Chemistry</i> , 2019 , 182, 111610	6.8	14
23	Increasing in cysteine proteinase B expression and enzymatic activity during in vitro differentiation of <i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> : First evidence of modulation during morphological transition. <i>Biochimie</i> , 2017 , 133, 28-36	4.6	12
22	The combination therapy of meglumine antimoniate and oxiranes (epoxy-Elapachone and epoxymethyl-lawsone) enhance the leishmanicidal effect in mice infected by <i>Leishmania</i> (<i>Leishmania</i>) <i>amazonensis</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019 , 18, 104-108	4	12
21	Antileishmanial Activity of 2-Methoxy-4H-spiro-[naphthalene-1,2-oxiran]-4-one (Epoxy-methoxy-lawsone): A Promising New Drug Candidate for Leishmaniasis Treatment. <i>Molecules</i> , 2018 , 23,	4.8	12
20	Understanding serine proteases implications on <i>Leishmania</i> spp lifecycle. <i>Experimental Parasitology</i> , 2018 , 184, 67-81	2.1	12
19	Gedunin Binds to Myeloid Differentiation Protein 2 and Impairs Lipopolysaccharide-Induced Toll-Like Receptor 4 Signaling in Macrophages. <i>Molecular Pharmacology</i> , 2015 , 88, 949-61	4.3	11
18	Dynamic identification of H2 epitopes from <i>Leishmania</i> (<i>Leishmania</i>) <i>amazonensis</i> cysteine proteinase B with potential immune activity during murine infection. <i>Journal of Molecular Recognition</i> , 2014 , 27, 98-105	2.6	11

17	SARS-CoV-2 Proteins Bind to Hemoglobin and Its Metabolites. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
16	Exploring the unbinding of Leishmania (L.) amazonensis CPB derived-epitopes from H2 MHC class I proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016 , 84, 473-87	4.2	10
15	Evidence for Tissue Toxicity in BALB/c Exposed to a Long-Term Treatment with Oxiranes Compared to Meglumine Antimoniate. <i>BioMed Research International</i> , 2017 , 2017, 9840210	3	7
14	Trypanosoma cruzi heparin-binding proteins present a flagellar membrane localization and serine proteinase activity. <i>Parasitology</i> , 2013 , 140, 171-80	2.7	6
13	Why strategies to control Leishmania spp. multiplication based on the use of proteinase inhibitors should consider multiple targets and not only a single enzyme. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2465	2	4
12	Serine Proteinases in Leishmania (Viannia) braziliensis Promastigotes Have Distinct Subcellular Distributions and Expression. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
11	Exploring the Association of Surface Plasmon Resonance with Recombinant MHC:Ig Hybrid Protein as a Tool for Detecting T Lymphocytes in Mice Infected with. <i>BioMed Research International</i> , 2017 , 2017, 9089748	3	3
10	An overview of the sandfly fauna (Diptera: Psychodidae) followed by the detection of Leishmania DNA and blood meal identification in the state of Acre, Amazonian Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020 , 115, e200157	2.6	3
9	Serine proteases profiles of Leishmania (Viannia) braziliensis clinical isolates with distinct susceptibilities to antimony. <i>Scientific Reports</i> , 2021 , 11, 14234	4.9	3
8	Insights into the tracking of the cysteine proteinase B COOH-terminal polypeptide of Leishmania (Leishmania) amazonensis by surface plasmon resonance. <i>Parasitology Research</i> , 2019 , 118, 1249-1259	2.4	2
7	Detection of Metalloproteases and Cysteine Proteases RNA Transcripts of in Ear Edge Skin of Naturally Infected Dogs. <i>BioMed Research International</i> , 2020 , 2020, 2615787	3	2
6	In Silico Insights into the Mechanism of Action of Epoxy- β -Lapachone and Epoxymethyl-Lawsone in spp. <i>Molecules</i> , 2021 , 26,	4.8	2
5	Axenic amastigotes of Leishmania species as a suitable model for in vitro studies. <i>Acta Tropica</i> , 2021 , 220, 105956	3.2	2
4	Novel Insights Into Fitness Guided by Temperature Changes Along With Its Subtilisins and Oligopeptidase B.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 805106	5.9	1
3	Combining Well-Tempered Metadynamics Simulation and SPR Assays to Characterize the Binding Mechanism of the Universal T-Lymphocyte Tetanus Toxin Epitope TT830-843. <i>BioMed Research International</i> , 2021 , 2021, 5568980	3	0
2	Reactivity of sera from dogs living in a leishmaniasis-endemic area to the COOH-terminal region of cysteine proteinase B. <i>Brazilian Journal of Infectious Diseases</i> , 2020 , 24, 201-207	2.8	
1	Insights into the proteomic profile and gene expression of Lutzomyia longipalpis-derived Lulo cell line. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020 , 115, e200113	2.6	