ANA PAULA C A LIMA

List of Publications by Year
in descending order

50 papers	2,041 citations	201575 27 h-index	233338 45 g-index
51 all docs	51 docs citations	51 times ranked	2280 citing authors

#	Article	IF	Citations
1	Host Cell Invasion by TRYPANOSOMA cRUZI Is Potentiated by Activation of Bradykinin B2 Receptors. Journal of Experimental Medicine, 2000, 192, 1289-1300.	4.2	216
2	Mesenchymal stem cells and cell-derived extracellular vesicles protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid-Î² oligomers. Journal of Biological Chemistry, 2018, 293, 1957-1975.	1.6	146
3	Kininogenase Activity by the Major Cysteinyl Proteinase (Cruzipain) from Trypanosoma cruzi. Journal of Biological Chemistry, 1997, 272, 25713-25718.	1.6	107
4	A New Cruzipain-Mediated Pathway of Human Cell Invasion by Trypanosoma cruzi Requires Trypomastigote Membranes. Infection and Immunity, 2004, 72, 5892-5902.	1.0	98
5	Heparan Sulfate Modulates Kinin Release by Trypanosoma cruzi through the Activity of Cruzipain. Journal of Biological Chemistry, 2002, 277, 5875-5881.	1.6	86
6	Chagasin, the endogenous cysteine-protease inhibitor of Trypanosoma cruzi, modulates parasite differentiation and invasion of mammalian cells. Journal of Cell Science, 2005, 118, 901-915.	1.2	86
7	Cooperative Activation of TLR2 and Bradykinin B2 Receptor Is Required for Induction of Type 1 Immunity in a Mouse Model of Subcutaneous Infection by Trypanosoma cruzi. Journal of Immunology, 2006, 177, 6325-6335.	0.4	81
8	Identification of new cysteine protease gene isoforms in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1994, 67, 333-338.	0.5	74
9	Cysteine protease isoforms from Trypanosoma cruzi, cruzipain 2 and cruzain, present different substrate preference and susceptibility to inhibitors. Molecular and Biochemical Parasitology, 2001, 114, 41-52.	0.5	74
10	Genetically Validated Drug Targets in Leishmania: Current Knowledge and Future Prospects. ACS Infectious Diseases, 2018, 4, 467-477.	1.8	74
11	Protease Activated Receptor Signaling Is Required for African Trypanosome Traversal of Human Brain Microvascular Endothelial Cells. PLoS Neglected Tropical Diseases, 2009, 3, e479.	1.3	68
12	Trypanosoma cruzi invades host cells through the activation of endothelin and bradykinin receptors: a converging pathway leading to chagasic vasculopathy. British Journal of Pharmacology, 2012, 165, 1333-1347.	2.7	57
13	Crovirin, a Snake Venom Cysteine-Rich Secretory Protein (CRISP) with Promising Activity against Trypanosomes and Leishmania. PLoS Neglected Tropical Diseases, 2014, 8, e3252.	1.3	52
14	Temperature-dependent substrate inhibition of the cysteine proteinase (GP57/51) from Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1992, 56, 335-338.	0.5	49
15	Influence of parasite encoded inhibitors of serine peptidases in early infection of macrophages withLeishmania major. Cellular Microbiology, 2009, 11, 106-120.	1.1	47
16	Toll-like receptor-2 and interleukin-6 mediate cardiomyocyte protection from apoptosis during Trypanosoma cruzi murine infection. Medical Microbiology and Immunology, 2012, 201, 145-155.	2.6	43
17	Altered expression of cruzipain and a cathepsin B-like target in a Trypanosoma cruzi cell line displaying resistance to synthetic inhibitors of cysteine-proteinases. Molecular and Biochemical Parasitology, 2000, 109, 47-59.	0.5	41
18	Use of Trypanosoma Cruzi Purified Glycoprotein (GP57/51) or Trypomastigote-Shed Antigens to Assess Cure for Human Chagas' Disease. American Journal of Tropical Medicine and Hygiene, 1993, 49, 625-635.	0.6	41

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19	Solution Structure and Backbone Dynamics of the Trypanosoma cruzi Cysteine Protease Inhibitor Chagasin. Journal of Molecular Biology, 2006, 357, 1511-1521.	2.0	40
20	Leishmania Inhibitor of Serine Peptidase 2 Prevents TLR4 Activation by Neutrophil Elastase Promoting Parasite Survival in Murine Macrophages. Journal of Immunology, 2011, 186, 411-422.	0.4	39
21	Cruzipain Promotes Trypanosoma cruzi Adhesion to Rhodnius prolixus Midgut. PLoS Neglected Tropical Diseases, 2012, 6, e1958.	1.3	34
22	Role of protein kinase R in the killing of Leishmania major by macrophages in response to neutrophil elastase and TLR4 via TNFÎ± and IFNÎ². FASEB Journal, 2014, 28, 3050-3063.	0.2	33
23	Comparison of the specificity, stability and individual rate constants with respective activation parameters for the peptidase activity of cruzipain and its recombinant form, cruzain, fromTrypanosoma cruzi. FEBS Journal, 2001, 268, 6578-6586.	0.2	30
24	Role of the Trypanosoma brucei natural cysteine peptidase inhibitor ICP in differentiation and virulence. Molecular Microbiology, 2007, 66, 991-1002.	1.2	30
25	The substrate specificity of cruzipain 2, a cysteine protease isoform fromTrypanosoma cruzi. FEMS Microbiology Letters, 2006, 259, 215-220.	0.7	29
26	Interplay between parasite cysteine proteases and the host kinin system modulates microvascular leakage and macrophage infection by promastigotes of the Leishmania donovani complex. Microbes and Infection, 2006, 8, 206-220.	1.0	29
27	Cruzipain Activates Latent TGF-Î² from Host Cells during T. cruzi Invasion. PLoS ONE, 2015, 10, e0124832.	1.1	28
28	Detection of matrix metallopeptidase-9-like proteins in Trypanosoma cruzi. Experimental Parasitology, 2010, 125, 256-263.	0.5	27
29	Adipose Tissue-Derived Mesenchymal Stromal Cells Protect Mice Infected with Trypanosoma cruzi from Cardiac Damage through Modulation of Anti-parasite Immunity. PLoS Neglected Tropical Diseases, 2015, 9, e0003945.	1.3	26
30	Leishmanicidal therapy targeted to parasite proteases. Life Sciences, 2019, 219, 163-181.	2.0	24
31	Ecotinâ€like serine peptidase inhibitor ISP1 ofLeishmania majorplays a role in flagellar pocket dynamics and promastigote differentiation. Cellular Microbiology, 2012, 14, 1271-1286.	1.1	21
32	The propeptide of cruzipainâ€ƒâ€˜â€ƒa potent selective inhibitor of the trypanosomal enzymes cruzipain and brucipain, and of the human enzyme cathepsinâ€ƒF. FEBS Journal, 2007, 274, 1224-1234.	2.2	20
33	The role of conserved residues of chagasin in the inhibition of cysteine peptidases. FEBS Letters, 2008, 582, 485-490.	1.3	19
34	Calcium-regulated fusion of yolk granules is important for yolk degradation during early embryogenesis of Rhodnius prolixusStahl. Journal of Experimental Biology, 2007, 210, 138-148.	0.8	18
35	Interplay between acid phosphatase and cysteine proteases in mediating vitellin degradation during early embryogenesis of Periplaneta americana. Journal of Insect Physiology, 2008, 54, 883-891.	0.9	17
36	The gene repertoire of the main cysteine protease of Trypanosoma cruzi, cruzipain, reveals four sub-types with distinct active sites. Scientific Reports, 2021, 11, 18231.	1.6	16

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37	Sorting of phosphoglucomutase to glycosomes in Trypanosoma cruzi is mediated by an internal domain. Glycobiology, 2009, 19, 1462-1472.	1.3	15
38	Role of chagasin-like inhibitors as endogenous regulators of cysteine proteases in parasitic protozoa. Parasitology Research, 2006, 99, 323-324.	0.6	14
39	Neutrophil elastase promotes Leishmania donovani infection via interferonâ€Î². FASEB Journal, 2019, 33, 10794-10807.	0.2	13
40	Cloning and characterization of the phosphoglucomutase of Trypanosoma cruzi and functional complementation of a Saccharomyces cerevisiae PGM null mutant. Glycobiology, 2005, 15, 1359-1367.	1.3	11
41	Yolk hydrolases in the eggs of Anticarsia gemmatalis hubner (Lepidoptera: Noctuidae): A role for inorganic polyphosphate towards yolk mobilization. Journal of Insect Physiology, 2013, 59, 1242-1249.	0.9	10
42	Natural cysteine protease inhibitors in protozoa: Fifteen years of the chagasin family. Biochimie, 2016, 122, 197-207.	1.3	10
43	Inhibitor of serine peptidase 2 enhancesLeishmania majorsurvival in the skin through control of monocytes and monocyteâ€derived cells. FASEB Journal, 2018, 32, 1315-1327.	0.2	10
44	Cysteine Peptidase Inhibitors in Trypanosomatid Parasites. Current Medicinal Chemistry, 2013, 20, 3152-3173.	1.2	10
45	Tissue Specific Dual RNA-Seq Defines Hostâ€“Parasite Interplay in Murine Visceral Leishmaniasis Caused by Leishmania donovani and Leishmania infantum. Microbiology Spectrum, 2022, 10, e0067922.	1.2	10
46	Identification and properties of two extracellular proteases from Brevundimonas diminuta. Brazilian Journal of Microbiology, 2000, 31, 25-29.	0.8	6
47	Effects of dibucaine on the endocytic/exocytic pathways in Trypanosoma cruzi. Parasitology Research, 2006, 99, 317-320.	0.6	5
48	Role of the inhibitor of serine peptidase 2 (ISP2) of Trypanosoma brucei rhodesiense in parasite virulence and modulation of the inflammatory responses of the host. PLoS Neglected Tropical Diseases, 2021, 15, e0009526.	1.3	5
49	Subtilisin of Leishmania amazonensis as Potential Druggable Target: Subcellular Localization, In Vitro Leishmanicidal Activity and Molecular Docking of PF-429242, a Subtilisin Inhibitor. Current Issues in Molecular Biology, 2022, 44, 2089-2106.	1.0	2
50	Bone Marrow Granulocytes Downregulate IL-1Î² and TNF Production and the Microbicidal Activity of Inflammatory Macrophages. Biochemistry and Cell Biology, 2022, , .	0.9	0