

# ANA PAULA C A LIMA

## List of Publications by Year in descending order

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50  
papers

2,041  
citations

201658

27  
h-index

233409

45  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue Specific Dual RNA-Seq Defines Host-Parasite Interplay in Murine Visceral Leishmaniasis Caused by <i>Leishmania donovani</i> and <i>Leishmania infantum</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0067922.	3.0	10
2	Bone Marrow Granulocytes Downregulate IL-1 $\beta$ and TNF Production and the Microbicidal Activity of Inflammatory Macrophages. <i>Biochemistry and Cell Biology</i> , 2022, , .	2.0	0
3	Subtilisin of <i>Leishmania amazonensis</i> as Potential Druggable Target: Subcellular Localization, In Vitro Leishmanicidal Activity and Molecular Docking of PF-429242, a Subtilisin Inhibitor. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2089-2106.	2.4	2
4	Role of the inhibitor of serine peptidase 2 (ISP2) of <i>Trypanosoma brucei rhodesiense</i> in parasite virulence and modulation of the inflammatory responses of the host. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009526.	3.0	5
5	The gene repertoire of the main cysteine protease of <i>Trypanosoma cruzi</i> , cruzipain, reveals four sub-types with distinct active sites. <i>Scientific Reports</i> , 2021, 11, 18231.	3.3	16
6	Neutrophil elastase promotes <i>Leishmania donovani</i> infection via interferon $\gamma$ . <i>FASEB Journal</i> , 2019, 33, 10794-10807.	0.5	13
7	Leishmanicidal therapy targeted to parasite proteases. <i>Life Sciences</i> , 2019, 219, 163-181.	4.3	24
8	Genetically Validated Drug Targets in <i>Leishmania</i> : Current Knowledge and Future Prospects. <i>ACS Infectious Diseases</i> , 2018, 4, 467-477.	3.8	74
9	Mesenchymal stem cells and cell-derived extracellular vesicles protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid $\beta$ oligomers. <i>Journal of Biological Chemistry</i> , 2018, 293, 1957-1975.	3.4	146
10	Inhibitor of serine peptidase 2 enhances <i>Leishmania major</i> survival in the skin through control of monocytes and monocyte-derived cells. <i>FASEB Journal</i> , 2018, 32, 1315-1327.	0.5	10
11	Natural cysteine protease inhibitors in protozoa: Fifteen years of the chagasin family. <i>Biochimie</i> , 2016, 122, 197-207.	2.6	10
12	Cruzipain Activates Latent TGF $\beta$ from Host Cells during <i>T. cruzi</i> Invasion. <i>PLoS ONE</i> , 2015, 10, e0124832.	2.5	28
13	Adipose Tissue-Derived Mesenchymal Stromal Cells Protect Mice Infected with <i>Trypanosoma cruzi</i> from Cardiac Damage through Modulation of Anti-parasite Immunity. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003945.	3.0	26
14	Crovin, a Snake Venom Cysteine-Rich Secretory Protein (CRISP) with Promising Activity against Trypanosomes and <i>Leishmania</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3252.	3.0	52
15	Role of protein kinase R in the killing of <i>Leishmania major</i> by macrophages in response to neutrophil elastase and TLR4 via TNF $\alpha$ and IFN $\gamma$ . <i>FASEB Journal</i> , 2014, 28, 3050-3063.	0.5	33
16	Yolk hydrolases in the eggs of <i>Anticarsia gemmatilis</i> hubner (Lepidoptera: Noctuidae): A role for inorganic polyphosphate towards yolk mobilization. <i>Journal of Insect Physiology</i> , 2013, 59, 1242-1249.	2.0	10
17	Cysteine Peptidase Inhibitors in Trypanosomatid Parasites. <i>Current Medicinal Chemistry</i> , 2013, 20, 3152-3173.	2.4	10
18	Cruzipain Promotes <i>Trypanosoma cruzi</i> Adhesion to <i>Rhodnius prolixus</i> Midgut. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1958.	3.0	34

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19	Toll-like receptor-2 and interleukin-6 mediate cardiomyocyte protection from apoptosis during <i>Trypanosoma cruzi</i> murine infection. Medical Microbiology and Immunology, 2012, 201, 145-155.	4.8	43
20	<i>Trypanosoma cruzi</i> 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.	5.4	57
21	Ecotin-like serine peptidase inhibitor ISP1 of <i>Leishmania major</i> plays a role in flagellar pocket dynamics and promastigote differentiation. Cellular Microbiology, 2012, 14, 1271-1286.	2.1	21
22	<i>Leishmania</i> Inhibitor of Serine Peptidase 2 Prevents TLR4 Activation by Neutrophil Elastase Promoting Parasite Survival in Murine Macrophages. Journal of Immunology, 2011, 186, 411-422.	0.8	39
23	Detection of matrix metallopeptidase-9-like proteins in <i>Trypanosoma cruzi</i> . Experimental Parasitology, 2010, 125, 256-263.	1.2	27
24	Sorting of phosphoglucomutase to glycosomes in <i>Trypanosoma cruzi</i> is mediated by an internal domain. Glycobiology, 2009, 19, 1462-1472.	2.5	15
25	Protease Activated Receptor Signaling Is Required for African Trypanosome Traversal of Human Brain Microvascular Endothelial Cells. PLoS Neglected Tropical Diseases, 2009, 3, e479.	3.0	68
26	Influence of parasite encoded inhibitors of serine peptidases in early infection of macrophages with <i>Leishmania major</i> . Cellular Microbiology, 2009, 11, 106-120.	2.1	47
27	The role of conserved residues of chagasin in the inhibition of cysteine peptidases. FEBS Letters, 2008, 582, 485-490.	2.8	19
28	Interplay between acid phosphatase and cysteine proteases in mediating vitellin degradation during early embryogenesis of <i>Periplaneta americana</i> . Journal of Insect Physiology, 2008, 54, 883-891.	2.0	17
29	Calcium-regulated fusion of yolk granules is important for yolk degradation during early embryogenesis of <i>Rhodnius prolixus</i> Stahl. Journal of Experimental Biology, 2007, 210, 138-148.	1.7	18
30	Role of the <i>Trypanosoma brucei</i> natural cysteine peptidase inhibitor ICP in differentiation and virulence. Molecular Microbiology, 2007, 66, 991-1002.	2.5	30
31	The propeptide of cruzipain is a potent selective inhibitor of the trypanosomal enzymes cruzipain and brucipain, and of the human enzyme cathepsin F. FEBS Journal, 2007, 274, 1224-1234.	4.7	20
32	Cooperative Activation of TLR2 and Bradykinin B2 Receptor Is Required for Induction of Type 1 Immunity in a Mouse Model of Subcutaneous Infection by <i>Trypanosoma cruzi</i> . Journal of Immunology, 2006, 177, 6325-6335.	0.8	81
33	Solution Structure and Backbone Dynamics of the <i>Trypanosoma cruzi</i> Cysteine Protease Inhibitor Chagasin. Journal of Molecular Biology, 2006, 357, 1511-1521.	4.2	40
34	The substrate specificity of cruzipain 2, a cysteine protease isoform from <i>Trypanosoma cruzi</i> . FEMS Microbiology Letters, 2006, 259, 215-220.	1.8	29
35	Effects of dibucaine on the endocytic/exocytic pathways in <i>Trypanosoma cruzi</i> . Parasitology Research, 2006, 99, 317-320.	1.6	5
36	Role of chagasin-like inhibitors as endogenous regulators of cysteine proteases in parasitic protozoa. Parasitology Research, 2006, 99, 323-324.	1.6	14

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37	Interplay between parasite cysteine proteases and the host kinin system modulates microvascular leakage and macrophage infection by promastigotes of the <i>Leishmania donovani</i> complex. <i>Microbes and Infection</i> , 2006, 8, 206-220.	1.9	29
38	Cloning and characterization of the phosphoglucomutase of <i>Trypanosoma cruzi</i> and functional complementation of a <i>Saccharomyces cerevisiae</i> PGM null mutant. <i>Glycobiology</i> , 2005, 15, 1359-1367.	2.5	11
39	Chagasin, the endogenous cysteine-protease inhibitor of <i>Trypanosoma cruzi</i> , modulates parasite differentiation and invasion of mammalian cells. <i>Journal of Cell Science</i> , 2005, 118, 901-915.	2.0	86
40	A New Cruzipain-Mediated Pathway of Human Cell Invasion by <i>Trypanosoma cruzi</i> Requires Trypomastigote Membranes. <i>Infection and Immunity</i> , 2004, 72, 5892-5902.	2.2	98
41	Heparan Sulfate Modulates Kinin Release by <i>Trypanosoma cruzi</i> through the Activity of Cruzipain. <i>Journal of Biological Chemistry</i> , 2002, 277, 5875-5881.	3.4	86
42	Comparison of the specificity, stability and individual rate constants with respective activation parameters for the peptidase activity of cruzipain and its recombinant form, cruzain, from <i>Trypanosoma cruzi</i> . <i>FEBS Journal</i> , 2001, 268, 6578-6586.	0.2	30
43	Cysteine protease isoforms from <i>Trypanosoma cruzi</i> , cruzipain 2 and cruzain, present different substrate preference and susceptibility to inhibitors. <i>Molecular and Biochemical Parasitology</i> , 2001, 114, 41-52.	1.1	74
44	Altered expression of cruzipain and a cathepsin B-like target in a <i>Trypanosoma cruzi</i> cell line displaying resistance to synthetic inhibitors of cysteine-proteinases. <i>Molecular and Biochemical Parasitology</i> , 2000, 109, 47-59.	1.1	41
45	Identification and properties of two extracellular proteases from <i>Brevundimonas diminuta</i> . <i>Brazilian Journal of Microbiology</i> , 2000, 31, 25-29.	2.0	6
46	Host Cell Invasion by <i>TRYPANOSOMA CRUZI</i> Is Potentiated by Activation of Bradykinin B2 Receptors. <i>Journal of Experimental Medicine</i> , 2000, 192, 1289-1300.	8.5	216
47	Kininogenase Activity by the Major Cysteiny Proteinase (Cruzipain) from <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 25713-25718.	3.4	107
48	Identification of new cysteine protease gene isoforms in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 67, 333-338.	1.1	74
49	Use of <i>Trypanosoma Cruzi</i> Purified Glycoprotein (GP57/51) or Trypomastigote-Shed Antigens to Assess Cure for Human Chagas' Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 625-635.	1.4	41
50	Temperature-dependent substrate inhibition of the cysteine proteinase (GP57/51) from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1992, 56, 335-338.	1.1	49