

# Marta H Branquinha

## List of Publications by Citations

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56  
papers

688  
citations

17  
h-index

24  
g-index

61  
ext. papers

869  
ext. citations

4  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
56	HIV aspartyl peptidase inhibitors interfere with cellular proliferation, ultrastructure and macrophage infection of <i>Leishmania amazonensis</i> . <i>PLoS ONE</i> , <b>2009</b> , 4, e4918	3.7	54
55	<i>Candida haemulonii</i> complex: species identification and antifungal susceptibility profiles of clinical isolates from Brazil. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 111-5	5.1	52
54	Anti- <i>Pseudomonas aeruginosa</i> activity of 1,10-phenanthroline-based drugs against both planktonic- and biofilm-growing cells. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 128-34	5.1	35
53	MDL28170, a calpain inhibitor, affects <i>Trypanosoma cruzi</i> metacyclogenesis, ultrastructure and attachment to <i>Rhodnius prolixus</i> midgut. <i>PLoS ONE</i> , <b>2011</b> , 6, e18371	3.7	35
52	Miltefosine induces programmed cell death in <i>Leishmania amazonensis</i> promastigotes. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2011</b> , 106, 507-9	2.6	33
51	Ubiquity of cysteine- and metalloproteinase activities in a wide range of trypanosomatids. <i>Journal of Eukaryotic Microbiology</i> , <b>1996</b> , 43, 131-5	3.6	30
50	<i>Candida parapsilosis</i> (sensu lato) isolated from hospitals located in the Southeast of Brazil: Species distribution, antifungal susceptibility and virulence attributes. <i>International Journal of Medical Microbiology</i> , <b>2015</b> , 305, 848-59	3.7	29
49	Effects of the calpain inhibitor MDL28170 on the clinically relevant forms of <i>Trypanosoma cruzi</i> in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2010</b> , 65, 1395-8	5.1	26
48	A novel extracellular calcium-dependent cysteine proteinase from <i>Crithidia deanei</i> . <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 420, 1-8	4.1	26
47	The calpain inhibitor MDL28170 induces the expression of apoptotic markers in <i>Leishmania amazonensis</i> promastigotes. <i>PLoS ONE</i> , <b>2014</b> , 9, e87659	3.7	26
46	Antileishmanial activity of MDL 28170, a potent calpain inhibitor. <i>International Journal of Antimicrobial Agents</i> , <b>2006</b> , 28, 138-42	14.3	21
45	Virulence of <i>Candida haemulonii</i> complex in <i>Galleria mellonella</i> and efficacy of classical antifungal drugs: a comparative study with other clinically relevant non-albicans <i>Candida</i> species. <i>FEMS Yeast Research</i> , <b>2018</b> , 18,	3.1	18
44	Disarming Virulence by the Inhibitory Action of 1,10-Phenanthroline-5,6-Dione-Based Compounds: Elastase B (LasB) as a Chemotherapeutic Target. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1701	5.7	18
43	Decoding the anti- <i>Trypanosoma cruzi</i> action of HIV peptidase inhibitors using epimastigotes as a model. <i>PLoS ONE</i> , <b>2014</b> , 9, e113957	3.7	18
42	Primary evidence of the mechanisms of action of HIV aspartyl peptidase inhibitors on <i>Trypanosoma cruzi</i> trypomastigote forms. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 52, 185-194	14.3	17
41	GP63 function in the interaction of trypanosomatids with the invertebrate host: facts and prospects. <i>Sub-Cellular Biochemistry</i> , <b>2014</b> , 74, 253-70	5.5	17
40	Fungal Biofilm [A Real Obstacle Against an Efficient Therapy: Lessons from <i>Candida</i> . <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 1987-2004	3	17

39	Planktonic growth and biofilm formation profiles in <i>Candida haemulonii</i> species complex. <i>Medical Mycology</i> , <b>2017</b> , 55, 785-789	3.9	14
38	Why calpain inhibitors are interesting leading compounds to search for new therapeutic options to treat leishmaniasis?. <i>Parasitology</i> , <b>2017</b> , 144, 117-123	2.7	13
37	Different classes of hydrolytic enzymes produced by multidrug-resistant yeasts comprising the <i>Candida haemulonii</i> complex. <i>Medical Mycology</i> , <b>2017</b> , 55, 228-232	3.9	12
36	Unmasking the Amphotericin B Resistance Mechanisms in Species Complex. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 1273-1282	5.5	11
35	The Widespread Anti-Protozoal Action of HIV Aspartic Peptidase Inhibitors: Focus on <i>Plasmodium</i> spp., <i>Leishmania</i> spp. and <i>Trypanosoma cruzi</i> . <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 1303-1317 <sup>3</sup>		11
34	<i>Trichosporon asahii</i> secretes a 30-kDa aspartic peptidase. <i>Microbiological Research</i> , <b>2017</b> , 205, 66-72	5.3	10
33	New and Promising Chemotherapeutics for Emerging Infections Involving Drug-resistant Non-albicans <i>Candida</i> Species. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 2527-2553	3	10
32	Docking simulation between HIV peptidase inhibitors and <i>Trypanosoma cruzi</i> aspartyl peptidase. <i>BMC Research Notes</i> , <b>2018</b> , 11, 825	2.3	10
31	Susceptibility of promastigotes and intracellular amastigotes from distinct <i>Leishmania</i> species to the calpain inhibitor MDL28170. <i>Parasitology Research</i> , <b>2018</b> , 117, 2085-2094	2.4	9
30	Lopinavir, an HIV-1 peptidase inhibitor, induces alteration on the lipid metabolism of <i>Leishmania amazonensis</i> promastigotes. <i>Parasitology</i> , <b>2018</b> , 145, 1304-1310	2.7	8
29	Fungal Biofilm - A Real Obstacle against an Efficient Therapy: Lessons from <i>Candida</i> . <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> ,	3	7
28	Deciphering the effects of nelfinavir and lopinavir on epimastigote forms of <i>Trypanosoma cruzi</i> . <i>Parasitology International</i> , <b>2017</b> , 66, 529-536	2.1	6
27	Overcoming multi-resistant leishmania treatment by nanoencapsulation of potent antimicrobials. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2020</b> , 96, 2123	3.5	6
26	Susceptibility of <i>Phytomonas serpens</i> to calpain inhibitors in vitro: interference on the proliferation, ultrastructure, cysteine peptidase expression and interaction with the invertebrate host. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2017</b> , 112, 31-43	2.6	6
25	Calpains of <i>Leishmania braziliensis</i> : genome analysis, differential expression, and functional analysis. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2019</b> , 114, e190147	2.6	6
24	βCyclodextrin/Isopentyl Caffeaate Inclusion Complex: Synthesis, Characterization and Antileishmanial Activity. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
23	Funding for Chagas Disease: A 10-Year (2009-2018) Survey. <i>Tropical Medicine and Infectious Disease</i> , <b>2020</b> , 5,	3.5	5
22	The potent cell permeable calpain inhibitor MDL28170 affects the interaction of <i>Leishmania amazonensis</i> with macrophages and shows anti-amastigote activity. <i>Parasitology International</i> , <b>2017</b> , 66, 579-583	2.1	5

21	Chymotrypsin- and trypsin-like activities secreted by the multidrug-resistant yeasts forming the <i>Candida haemulonii</i> complex. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20180735	1.4	5
20	Identification of cell-associated and secreted serine-type peptidases in multidrug-resistant emergent pathogens belonging to the <i>Candida haemulonii</i> complex. <i>Folia Microbiologica</i> , <b>2019</b> , 64, 245-255	2.8	5
19	Biofilm Formed by Species Complex: Structural Analysis and Extracellular Matrix Composition. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	5
18	Repositioning of HIV Aspartyl Peptidase Inhibitors for Combating the Neglected Human Pathogen <i>Trypanosoma cruzi</i> . <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 6590-6613	4.3	4
17	Insights into the Multi-Azole Resistance Profile in Species Complex. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	4
16	Expression of calpain-like proteins and effects of calpain inhibitors on the growth rate of <i>Angomonas deanei</i> wild type and aposymbiotic strains. <i>BMC Microbiology</i> , <b>2015</b> , 15, 188	4.5	3
15	Repositioning Lopinavir, an HIV Protease Inhibitor, as a Promising Antifungal Drug: Lessons Learned from -In Silico, In Vitro and In Vivo Approaches. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	3
14	The serine peptidase inhibitor TPCK induces several morphophysiological changes in the opportunistic fungal pathogen <i>Candida parapsilosis sensu stricto</i> . <i>Medical Mycology</i> , <b>2019</b> , 57, 1024-1037	3.9	2
13	Secreted aspartyl peptidases by the emerging, opportunistic and multidrug-resistant fungal pathogens comprising the <i>Candida haemulonii</i> complex. <i>Fungal Biology</i> , <b>2020</b> , 124, 700-707	2.8	2
12	Expression and cellular localisation of <i>Trypanosoma cruzi</i> calpains. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2020</b> , 115, e200142	2.6	2
11	The Diverse Calpain Family in Trypanosomatidae: Functional Proteins Devoid of Proteolytic Activity?. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
10	In vitro selection of <i>Phytomonas serpens</i> cells resistant to the calpain inhibitor MDL28170: alterations in fitness and expression of the major peptidases and efflux pumps. <i>Parasitology</i> , <b>2018</b> , 145, 355-370	2.7	1
9	Susceptibility of the Complex to Echinocandins: Focus on Both Planktonic and Biofilm Life Styles and a Literature Review. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	1
8	Lopinavir and Nelfinavir Induce the Accumulation of Crystalloid Lipid Inclusions within the Reserosomes of and Inhibit Both Aspartyl-Type Peptidase and Cruzipain Activities Detected in These Crucial Organelles. <i>Tropical Medicine and Infectious Disease</i> , <b>2021</b> , 6,	3.5	1
7	Analysis of the mechanisms of action of isopentenyl caffeate against <i>Leishmania</i> . <i>Biochimie</i> , <b>2021</b> , 189, 158-167	4.6	1
6	The Threat Called <i>Candida haemulonii</i> Species Complex in Rio de Janeiro State, Brazil: Focus on Antifungal Resistance and Virulence Attributes. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8, 574	5.6	1
5	Copper(II) and silver(I)-1,10-phenanthroline-5,6-dione complexes interact with double-stranded DNA: further evidence of their apparent multi-modal activity towards <i>Pseudomonas aeruginosa</i> .. <i>Journal of Biological Inorganic Chemistry</i> , <b>2022</b> , 1	3.7	0
4	Protease Inhibitors as Promising Weapons against COVID-19: Focus on Repurposing of Drugs used to Treat HIV and HCV Infections. <i>Current Topics in Medicinal Chemistry</i> , <b>2021</b> , 21, 1429-1438	3	0

3	Trendings of amphotericin B-loaded nanoparticles as valuable chemotherapeutic approaches against leishmaniasis <b>2021</b> , 291-327		o
2	Proteolytic inhibitors as alternative medicines to treat trypanosomatid-caused diseases: experience with calpain inhibitors.. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2022</b> , 117, e220017	2.6	o
1	Repositioning drug strategy against <i>Trypanosoma cruzi</i> : lessons learned from HIV aspartyl peptidase inhibitors.. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2022</b> , 117, e210386	2.6	