Marta H Branquinha

List of Publications by Year in Descending Order

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	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 Pseudomonas aeruginosa.. *Journal of Biological Inorganic Chemistry*, **2022**, 1	3.7	0
55	Repositioning drug strategy against Trypanosoma cruzi: lessons learned from HIV aspartyl peptidase inhibitors.. *Memorias Do Instituto Oswaldo Cruz*, **2022**, 117, e210386	2.6	
54	Proteolytic inhibitors as alternative medicines to treat trypanosomatid-caused diseases: experience with calpain inhibitors.. *Memorias Do Instituto Oswaldo Cruz*, **2022**, 117, e220017	2.6	0
53	The Threat Called Candida haemulonii Species Complex in Rio de Janeiro State, Brazil: Focus on Antifungal Resistance and Virulence Attributes. *Journal of Fungi (Basel, Switzerland)*, **2022**, 8, 574	5.6	1
52	Repositioning Lopinavir, an HIV Protease Inhibitor, as a Promising Antifungal Drug: Lessons Learned from -In Silico, In Vitro and In Vivo Approaches. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	3
51	Protease Inhibitors as Promising Weapons against COVID-19: Focus on Repurposing of Drugs used to Treat HIV and HCV Infections. *Current Topics in Medicinal Chemistry*, **2021**, 21, 1429-1438	3	0
50	Trendings of amphotericin B-loaded nanoparticles as valuable chemotherapeutic approaches against leishmaniasis **2021**, 291-327		0
49	The Diverse Calpain Family in Trypanosomatidae: Functional Proteins Devoid of Proteolytic Activity?. *Cells*, **2021**, 10,	7.9	2
48	Lopinavir and Nelfinavir Induce the Accumulation of Crystalloid Lipid Inclusions within the Reservosomes of and Inhibit Both Aspartyl-Type Peptidase and Cruzipain Activities Detected in These Crucial Organelles. *Tropical Medicine and Infectious Disease*, **2021**, 6,	3.5	1
47	Analysis of the mechanisms of action of isopentenyl caffeate against Leishmania. *Biochimie*, **2021**, 189, 158-167	4.6	1
46	Overcoming multi-resistant leishmania treatment by nanoencapsulation of potent antimicrobials. *Journal of Chemical Technology and Biotechnology*, **2020**, 96, 2123	3.5	6
45	Secreted aspartyl peptidases by the emerging, opportunistic and multidrug-resistant fungal pathogens comprising the Candida haemulonii complex. *Fungal Biology*, **2020**, 124, 700-707	2.8	2
44	Unmasking the Amphotericin B Resistance Mechanisms in Species Complex. *ACS Infectious Diseases*, **2020**, 6, 1273-1282	5.5	11
43	Funding for Chagas Disease: A 10-Year (2009-2018) Survey. *Tropical Medicine and Infectious Disease*, **2020**, 5,	3.5	5
42	Expression and cellular localisation of Trypanosoma cruzi calpains. *Memorias Do Instituto Oswaldo Cruz*, **2020**, 115, e200142	2.6	2
41	Cyclodextrin/Isopentyl Caffeate Inclusion Complex: Synthesis, Characterization and Antileishmanial Activity. *Molecules*, **2020**, 25,	4.8	6
40	Insights into the Multi-Azole Resistance Profile in Species Complex. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	4

39	Susceptibility of the Complex to Echinocandins: Focus on Both Planktonic and Biofilm Life Styles and a Literature Review. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	1
38	Biofilm Formed by Species Complex: Structural Analysis and Extracellular Matrix Composition. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	5
37	The serine peptidase inhibitor TPCK induces several morphophysiological changes in the opportunistic fungal pathogen Candida parapsilosis sensu stricto. *Medical Mycology*, **2019**, 57, 1024-1037	3.9	2
36	Disarming Virulence by the Inhibitory Action of 1,10-Phenanthroline-5,6-Dione-Based Compounds: Elastase B (LasB) as a Chemotherapeutic Target. *Frontiers in Microbiology*, **2019**, 10, 1701	5.7	18
35	Chymotrypsin- and trypsin-like activities secreted by the multidrug-resistant yeasts forming the Candida haemulonii complex. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20180735	1.4	5
34	Calpains of Leishmania braziliensis: genome analysis, differential expression, and functional analysis. *Memorias Do Instituto Oswaldo Cruz*, **2019**, 114, e190147	2.6	6
33	Repositioning of HIV Aspartyl Peptidase Inhibitors for Combating the Neglected Human Pathogen Trypanosoma cruzi. *Current Medicinal Chemistry*, **2019**, 26, 6590-6613	4.3	4
32	New and Promising Chemotherapeutics for Emerging Infections Involving Drug-resistant Non-albicans Candida Species. *Current Topics in Medicinal Chemistry*, **2019**, 19, 2527-2553	3	10
31	Identification of cell-associated and secreted serine-type peptidases in multidrug-resistant emergent pathogens belonging to the Candida haemulonii complex. *Folia Microbiologica*, **2019**, 64, 245-255	2.8	5
30	Primary evidence of the mechanisms of action of HIV aspartyl peptidase inhibitors on Trypanosoma cruzi trypomastigote forms. *International Journal of Antimicrobial Agents*, **2018**, 52, 185-194	14.3	17
29	Susceptibility of promastigotes and intracellular amastigotes from distinct Leishmania species to the calpain inhibitor MDL28170. *Parasitology Research*, **2018**, 117, 2085-2094	2.4	9
28	In vitro selection of Phytomonas serpens cells resistant to the calpain inhibitor MDL28170: alterations in fitness and expression of the major peptidases and efflux pumps. *Parasitology*, **2018**, 145, 355-370	2.7	1
27	Virulence of Candida haemulonii complex in Galleria mellonella and efficacy of classical antifungal drugs: a comparative study with other clinically relevant non-albicans Candida species. *FEMS Yeast Research*, **2018**, 18,	3.1	18
26	Docking simulation between HIV peptidase inhibitors and Trypanosoma cruzi aspartyl peptidase. *BMC Research Notes*, **2018**, 11, 825	2.3	10
25	Lopinavir, an HIV-1 peptidase inhibitor, induces alteration on the lipid metabolism of Leishmania amazonensis promastigotes. *Parasitology*, **2018**, 145, 1304-1310	2.7	8
24	Why calpain inhibitors are interesting leading compounds to search for new therapeutic options to treat leishmaniasis?. *Parasitology*, **2017**, 144, 117-123	2.7	13
23	Planktonic growth and biofilm formation profiles in Candida haemulonii species complex. *Medical Mycology*, **2017**, 55, 785-789	3.9	14
22	Deciphering the effects of nelfinavir and lopinavir on epimastigote forms of Trypanosoma cruzi. *Parasitology International*, **2017**, 66, 529-536	2.1	6

21	Trichosporon asahii secretes a 30-kDa aspartic peptidase. *Microbiological Research*, **2017**, 205, 66-72	5.3	10
20	Susceptibility of Phytomonas serpens to calpain inhibitors in vitro: interference on the proliferation, ultrastructure, cysteine peptidase expression and interaction with the invertebrate host. *Memorias Do Instituto Oswaldo Cruz*, **2017**, 112, 31-43	2.6	6
19	The potent cell permeable calpain inhibitor MDL28170 affects the interaction of Leishmania amazonensis with macrophages and shows anti-amastigote activity. *Parasitology International*, **2017**, 66, 579-583	2.1	5
18	Different classes of hydrolytic enzymes produced by multidrug-resistant yeasts comprising the Candida haemulonii complex. *Medical Mycology*, **2017**, 55, 228-232	3.9	12
17	The Widespread Anti-Protozoal Action of HIV Aspartic Peptidase Inhibitors: Focus on Plasmodium spp., Leishmania spp. and Trypanosoma cruzi. *Current Topics in Medicinal Chemistry*, **2017**, 17, 1303-1317	3	11
16	Fungal Biofilm A Real Obstacle Against an Efficient Therapy: Lessons from Candida. *Current Topics in Medicinal Chemistry*, **2017**, 17, 1987-2004	3	17
15	Fungal Biofilm - A Real Obstacle against an Efficient Therapy: Lessons from Candida. *Current Topics in Medicinal Chemistry*, **2017**,	3	7
14	Anti-Pseudomonas aeruginosa activity of 1,10-phenanthroline-based drugs against both planktonic- and biofilm-growing cells. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 128-34	5.1	35
13	Candida parapsilosis (sensu lato) isolated from hospitals located in the Southeast of Brazil: Species distribution, antifungal susceptibility and virulence attributes. *International Journal of Medical Microbiology*, **2015**, 305, 848-59	3.7	29
12	Candida haemulonii complex: species identification and antifungal susceptibility profiles of clinical isolates from Brazil. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 111-5	5.1	52
11	Expression of calpain-like proteins and effects of calpain inhibitors on the growth rate of Angomonas deanei wild type and aposymbiotic strains. *BMC Microbiology*, **2015**, 15, 188	4.5	3
10	GP63 function in the interaction of trypanosomatids with the invertebrate host: facts and prospects. *Sub-Cellular Biochemistry*, **2014**, 74, 253-70	5.5	17
9	The calpain inhibitor MDL28170 induces the expression of apoptotic markers in Leishmania amazonensis promastigotes. *PLoS ONE*, **2014**, 9, e87659	3.7	26
8	Decoding the anti-Trypanosoma cruzi action of HIV peptidase inhibitors using epimastigotes as a model. *PLoS ONE*, **2014**, 9, e113957	3.7	18
7	Miltefosine induces programmed cell death in Leishmania amazonensis promastigotes. *Memorias Do Instituto Oswaldo Cruz*, **2011**, 106, 507-9	2.6	33
6	MDL28170, a calpain inhibitor, affects Trypanosoma cruzi metacyclogenesis, ultrastructure and attachment to Rhodnius prolixus midgut. *PLoS ONE*, **2011**, 6, e18371	3.7	35
5	Effects of the calpain inhibitor MDL28170 on the clinically relevant forms of Trypanosoma cruzi in vitro. *Journal of Antimicrobial Chemotherapy*, **2010**, 65, 1395-8	5.1	26
4	HIV aspartyl peptidase inhibitors interfere with cellular proliferation, ultrastructure and macrophage infection of Leishmania amazonensis. *PLoS ONE*, **2009**, 4, e4918	3.7	54

3	Antileishmanial activity of MDL 28170, a potent calpain inhibitor. *International Journal of Antimicrobial Agents*, **2006**, 28, 138-42	14.3	21
2	A novel extracellular calcium-dependent cysteine proteinase from Crithidia deanei. *Archives of Biochemistry and Biophysics*, **2003**, 420, 1-8	4.1	26
1	Ubiquity of cysteine- and metalloproteinase activities in a wide range of trypanosomatids. *Journal of Eukaryotic Microbiology*, **1996**, 43, 131-5	3.6	30