AndrÃ© Luis Souza Dos Santos

List of Publications by Year
in descending order

223 papers	4,397 citations	126907 33 h-index	223800 46 g-index
227 all docs	227 docs citations	227 times ranked	4159 citing authors

#	Article	IF	Citations
1	Biology and pathogenesis of<i>Fonsecaea pedrosoi</i>, the major etiologic agent of chromoblastomycosis. FEMS Microbiology Reviews, 2007, 31, 570-591.	8.6	95
2	Leishmanicidal activity of polyphenolic-rich extract from husk fiber ofÂCocos nucifera Linn. (Palmae). Research in Microbiology, 2004, 155, 136-143.	2.1	85
3	What are the advantages of living in a community? A microbial biofilm perspective!. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180212.	1.6	82
4	Leishmania amazonensis: Biological and biochemical characterization of ecto-nucleoside triphosphate diphosphohydrolase activities. Experimental Parasitology, 2006, 114, 16-25.	1.2	77
5	In vitro and in vivo studies into the biological activities of 1,10-phenanthroline, 1,10-phenanthroline-5,6-dione and its copper(ii) and silver(i) complexes. Toxicology Research, 2012, 1, 47-54.	2.1	77
6	Candida haemulonii complex: species identification and antifungal susceptibility profiles of clinical isolates from Brazil. Journal of Antimicrobial Chemotherapy, 2015, 70, 111-115.	3.0	70
7	HIV Aspartyl Peptidase Inhibitors Interfere with Cellular Proliferation, Ultrastructure and Macrophage Infection of Leishmania amazonensis. PLoS ONE, 2009, 4, e4918.	2.5	66
8	Deciphering the Antimicrobial Activity of Phenanthroline Chelators. Current Medicinal Chemistry, 2012, 19, 2703-2714.	2.4	62
9	Antimicrobial Action of Chelating Agents: Repercussions on the Microorganism Development, Virulence and Pathogenesis. Current Medicinal Chemistry, 2012, 19, 2715-2737.	2.4	58
10	Aspartic Protease Inhibitors as Potential Anti-Candida albicans Drugs: Impacts on Fungal Biology, Virulence and Pathogenesis. Current Medicinal Chemistry, 2011, 18, 2401-2419.	2.4	54
11	Assessment of biofilm formation by <i>Scedosporium apiospermum</i>, <i>S. aurantiacum</i>, <i>S. minutisporum</i> and <i>Lomentospora prolificans</i>. Biofouling, 2016, 32, 737-749.	2.2	54
12	Anti-<i>Pseudomonas aeruginosa</i>activity of 1,10-phenanthroline-based drugs against both planktonic- and biofilm-growing cells. Journal of Antimicrobial Chemotherapy, 2016, 71, 128-134.	3.0	54
13	Involvement of peptidorhamnomannan in the interaction of Pseudallescheria boydii and HEp2 cells. Microbes and Infection, 2004, 6, 1259-1267.	1.9	53
14	Differential Recovery of Candida Species from Subgingival Sites in Human Immunodeficiency Virus-Positive and Healthy Children from Rio de Janeiro, Brazil. Journal of Clinical Microbiology, 2004, 42, 5925-5927.	3.9	52
15	The ubiquitous gp63-like metalloprotease from lower trypanosomatids: in the search for a function. Anais Da Academia Brasileira De Ciencias, 2006, 78, 687-714.	0.8	52
16	Phenotypical properties associated with virulence from clinical isolates belonging to theCandida parapsilosiscomplex. FEMS Yeast Research, 2013, 13, 831-848.	2.3	52
17	Secretion of serine peptidase by a clinical strain ofCandida albicans: influence of growth conditions and cleavage of human serum proteins and extracellular matrix components. FEMS Immunology and Medical Microbiology, 2006, 46, 209-220.	2.7	49
18	Antifungal Potential of Copper(II), Manganese(II) and Silver(I) 1,10-Phenanthroline Chelates Against Multidrug-Resistant Fungal Species Forming the Candida haemulonii Complex: Impact on the Planktonic and Biofilm Lifestyles. Frontiers in Microbiology, 2017, 8, 1257.	3.5	48

#	Article	IF	Citations
19	Influence of growth conditions on the production of extracellular proteolytic enzymes in Paenibacillus peoriae NRRL BD-62 and Paenibacillus polymyxa SCE2. Letters in Applied Microbiology, 2006, 43, 625-630.	2.2	45
20	Pseudallescheria boydii releases metallopeptidases capable of cleaving several proteinaceous compounds. Research in Microbiology, 2006, 157, 425-432.	2.1	44
21	Trypanosoma rangeli: Differential expression of cell surface polypeptides and ecto-phosphatase activity in short and long epimastigote forms. Experimental Parasitology, 2006, 112, 253-262.	1.2	42
22	Calpains: Potential Targets for Alternative Chemotherapeutic Intervention Against Human Pathogenic Trypanosomatids. Current Medicinal Chemistry, 2013, 20, 3174-3185.	2.4	42
23	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, 848-859.	3.6	42
24	Miltefosine induces programmed cell death in Leishmania amazonensis promastigotes. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 507-509.	1.6	41
25	Disarming Pseudomonas aeruginosa 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.	3.5	41
26	MDL28170, a Calpain Inhibitor, Affects Trypanosoma cruzi Metacyclogenesis, Ultrastructure and Attachment to Rhodnius prolixus Midgut. PLoS ONE, 2011, 6, e18371.	2.5	40
27	Naringenin-Functionalized Multi-Walled Carbon Nanotubes: A Potential Approach for Site-Specific Remote-Controlled Anticancer Delivery for the Treatment of Lung Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 4557.	4.1	39
28	Protease and phospholipase activities of Candida spp. isolated from cutaneous candidiasis. Revista Iberoamericana De Micologia, 2015, 32, 122-125.	0.9	37
29	Protective outcomes of low-dose doxycycline on renal function of Wistar rats subjected to acute ischemia/reperfusion injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 102-114.	3.8	36
30	Leishmaniasis and Chagas Disease â€“ Neglected Tropical Diseases: Treatment Updates. Current Topics in Medicinal Chemistry, 2019, 19, 174-177.	2.1	36
31	Leishmania (Leishmania) amazonensis: differential expression of proteinases and cell-surface polypeptides in avirulent and virulent promastigotes. Experimental Parasitology, 2003, 104, 104-112.	1.2	35
32	Arrested growth of<i>Trypanosoma cruzi</i>by the calpain inhibitor MDL28170 and detection of calpain homologues in epimastigote forms. Parasitology, 2009, 136, 433-441.	1.5	35
33	Extracellular Peptidase in the Fungal Pathogen Pseudallescheria boydii. Current Microbiology, 2006, 53, 18-22.	2.2	34
34	Cruzipain Promotes Trypanosoma cruzi Adhesion to Rhodnius prolixus Midgut. PLoS Neglected Tropical Diseases, 2012, 6, e1958.	3.0	34
35	Phytomonas serpens: immunological similarities with the human trypanosomatid pathogens. Microbes and Infection, 2007, 9, 915-921.	1.9	33
36	Beneficial Effects of HIV Peptidase Inhibitors on Fonsecaea pedrosoi: Promising Compounds to Arrest Key Fungal Biological Processes and Virulence. PLoS ONE, 2008, 3, e3382.	2.5	33

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37	Aspartic Peptidases of Human Pathogenic Trypanosomatids: Perspectives and Trends for Chemotherapy. Current Medicinal Chemistry, 2013, 20, 3116-3133.	2.4	33
38	The Calpain Inhibitor MDL28170 Induces the Expression of Apoptotic Markers in Leishmania amazonensis Promastigotes. PLoS ONE, 2014, 9, e87659.	2.5	33
39	Heterogeneity of metallo and serine extracellular proteinases in oral clinical isolates ofCandida albicansin HIV-positive and healthy children from Rio de Janeiro, Brazil. FEMS Immunology and Medical Microbiology, 2003, 38, 173-180.	2.7	32
40	A new experimental culture medium for cultivation of Leishmania amazonensis: its efficacy for the continuous in vitro growth and differentiation of infective promastigote forms. Parasitology Research, 2010, 106, 1249-1252.	1.6	32
41	Multiple effects of amprenavir against<i>Candida albicans</i>. FEMS Yeast Research, 2010, 10, 221-224.	2.3	32
42	Fungal Biofilm â€“ A Real Obstacle Against an Efficient Therapy: Lessons from Candida. Current Topics in Medicinal Chemistry, 2017, 17, 1987-2004.	2.1	32
43	The major chromoblastomycosis fungal pathogen,Fonsecaea pedrosoi, extracellularly releases proteolytic enzymes whose expression is modulated by culture medium composition: implications on the fungal development and cleavage of key's host structures. FEMS Immunology and Medical Microbiology, 2006, 46, 21-29.	2.7	31
44	Corynebacterium diphtheriae 67-72p hemagglutinin, characterized as the protein DIP0733, contributes to invasion and induction of apoptosis in HEp-2 cells. Microbial Pathogenesis, 2012, 52, 165-176.	2.9	31
45	Nelfinavir is effective in inhibiting the multiplication and aspartic peptidase activity of Leishmania species, including strains obtained from HIV-positive patients. Journal of Antimicrobial Chemotherapy, 2013, 68, 348-353.	3.0	31
46	Use of proteolytic enzymes as an additional tool for trypanosomatid identification. Parasitology, 2005, 130, 79-88.	1.5	30
47	HIV aspartyl protease inhibitors as promising compounds against<i>Candida albicans</i>AndrÃ© Luis Souza dos Santos. World Journal of Biological Chemistry, 2010, 1, 21.	4.3	30
48	Secretory aspartyl peptidase activity from mycelia of the human fungal pathogen Fonsecaea pedrosoi: Effect of HIV aspartyl proteolytic inhibitors. Research in Microbiology, 2006, 157, 819-826.	2.1	29
49	Insights into the role of gp63-like proteins in lower trypanosomatids. FEMS Microbiology Letters, 2006, 254, 149-156.	1.8	29
50	Phytomonas serpens: cysteine peptidase inhibitors interfere with growth, ultrastructure and host adhesion. International Journal for Parasitology, 2006, 36, 47-56.	3.1	29
51	Virulence attributes in Brazilian clinical isolates of Pseudomonas aeruginosa. International Journal of Medical Microbiology, 2014, 304, 990-1000.	3.6	29
52	In vivo Activity of Copper(II), Manganese(II), and Silver(I) 1,10-Phenanthroline Chelates Against Candida haemulonii Using the Galleria mellonella Model. Frontiers in Microbiology, 2020, 11, 470.	3.5	29
53	Antileishmanial activity of MDL 28170, a potent calpain inhibitor. International Journal of Antimicrobial Agents, 2006, 28, 138-142.	2.5	28
54	Leishmanolysin (gp63 metallopeptidase)-like activity extracellularly released byHerpetomonas samuelpessoai. Parasitology, 2006, 132, 37-47.	1.5	28

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55	Effects of the calpain inhibitor MDL28170 on the clinically relevant forms of Trypanosoma cruzi in vitro. Journal of Antimicrobial Chemotherapy, 2010, 65, 1395-1398.	3.0	28
56	Secreted phosphatase activity induced by dimethyl sulfoxide in Herpetomonas samuelpessoai. Archives of Biochemistry and Biophysics, 2002, 405, 191-198.	3.0	27
57	Gp63-Like Molecules in Phytomonas serpens: Possible Role in the Insect Interaction. Current Microbiology, 2006, 52, 439-444.	2.2	27
58	Detection of matrix metallopeptidase-9-like proteins in Trypanosoma cruzi. Experimental Parasitology, 2010, 125, 256-263.	1.2	27
59	1,10-Phenanthroline-5,6-Dioneâ€"Based Compounds Are Effective in Disturbing Crucial Physiological Events of Phialophora verrucosa. Frontiers in Microbiology, 2017, 8, 76.	3.5	27
60	Surface properties, adhesion and biofilm formation on different surfaces by Scedosporium spp. and Lomentospora prolificans. Biofouling, 2018, 34, 800-814.	2.2	27
61	Pseudomonas aeruginosa and Its Arsenal of Proteases: Weapons to Battle the Host. , 2017, , 381-397.		27
62	Proteolytic expression inBlastocrithidia culicis: influence of the endosymbiont and similarities with virulence factors of pathogenic trypanosomatids. Parasitology, 2005, 130, 413-420.	1.5	26
63	Effect of serine-type protease of Candida spp. isolated from linear gingival erythema of HIV-positive children: critical factors in the colonization. Journal of Oral Pathology and Medicine, 2010, 39, 753-760.	2.7	26
64	Protease expression by microorganisms and its relevance to crucial physiological/pathological events. World Journal of Biological Chemistry, 2011, 2, 48.	4.3	26
65	Characterization of Proteinases in Herpetomonas anglusteri and Herpetomonas roitmani. Current Microbiology, 1999, 39, 61-64.	2.2	25
66	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.	2.5	25
67	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, .	2.3	25
68	Iranian HIV/AIDS patients with oropharyngeal candidiasis: identification, prevalence and antifungal susceptibility of <i>Candida</i> species. Letters in Applied Microbiology, 2018, 67, 392-399.	2.2	25
69	Anti-<i>Trichomonas vaginalis</i> activity of 1,10-phenanthroline-5,6-dione-based metallodrugs and synergistic effect with metronidazole. Parasitology, 2019, 146, 1179-1183.	1.5	25
70	Biochemical characterization of potential virulence markers in the human fungal pathogen<i>Pseudallescheria boydii</i>. Medical Mycology, 2009, 47, 375-386.	0.7	24
71	Unmasking the Amphotericin B Resistance Mechanisms in <i>Candida haemulonii</i> Species Complex. ACS Infectious Diseases, 2020, 6, 1273-1282.	3.8	24
72	Decoding the Anti-Trypanosoma cruzi Action of HIV Peptidase Inhibitors Using Epimastigotes as a Model. PLoS ONE, 2014, 9, e113957.	2.5	24

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73	Peptidases and gp63-like proteins in Herpetomonas megaseliae: Possible involvement in the adhesion to the invertebrate host. International Journal for Parasitology, 2006, 36, 415-422.	3.1	23
74	First description of Candida nivariensis in Brazil: antifungal susceptibility profile and potential virulence attributes. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 51-58.	1.6	23
75	Differential expression of sialylglycoconjugates and sialidase activity in distinct morphological stages of Fonsecaea pedrosoi. Archives of Microbiology, 2004, 181, 278-286.	2.2	22
76	Candida guilliermondiiisolated from HIV-infected human secretes a 50 kDa serine proteinase that cleaves a broad spectrum of proteinaceous substrates. FEMS Immunology and Medical Microbiology, 2005, 43, 13-20.	2.7	22
77	Crithidia deanei: Influence of parasite gp63 homologue on the interaction of endosymbiont-harboring and aposymbiotic strains with Aedes aegypti midgut. Experimental Parasitology, 2008, 118, 345-353.	1.2	22
78	Unprecedented in Vitro Antitubercular Activitiy of Manganese(II) Complexes Containing 1,10-Phenanthroline and Dicarboxylate Ligands: Increased Activity, Superior Selectivity, and Lower Toxicity in Comparison to Their Copper(II) Analogs. Frontiers in Microbiology, 2018, 9, 1432.	3.5	22
79	Dissimilar peptidase production by avirulent and virulent promastigotes of<i>Leishmania braziliensis</i>: inference on the parasite proliferation and interaction with macrophages. Parasitology, 2009, 136, 1179-1191.	1.5	21
80	Proteomic Analysis of the Secretions of <i>Pseudallescheria boydii</i>, a Human Fungal Pathogen with Unknown Genome. Journal of Proteome Research, 2012, 11, 172-188.	3.7	21
81	Planktonic growth and biofilm formation profiles in Candida haemulonii species complex. Medical Mycology, 2017, 55, 785-789.	0.7	21
82	Cruzipain: An Update on its Potential as Chemotherapy Target against the Human Pathogen Trypanosoma cruzi. Current Medicinal Chemistry, 2015, 22, 2225-2235.	2.4	21
83	Cell-Associated and Extracellular Proteinases in Blastocrithidia culicis : Influence of Growth Conditions. Current Microbiology, 2001, 43, 100-106.	2.2	20
84	Differential lectin recognition of glycoproteins in choanomastigote-shaped trypanosomatids: taxonomic implications. FEMS Microbiology Letters, 2004, 231, 171-176.	1.8	20
85	Why calpain inhibitors are interesting leading compounds to search for new therapeutic options to treat leishmaniasis?. Parasitology, 2017, 144, 117-123.	1.5	20
86	Typical and Atypical Enteroaggregative Escherichia coli Are Both Virulent in the Galleria mellonella Model. Frontiers in Microbiology, 2019, 10, 1791.	3.5	20
87	Trimesic acidâ€"Theophylline and Isopthalic acidâ€"Caffeine Cocrystals: Synthesis, Characterization, Solubility, Molecular Docking, and Antimicrobial Activity. Crystal Growth and Design, 2020, 20, 3510-3522.	3.0	20
88	New and Promising Chemotherapeutics for Emerging Infections Involving Drug-resistant Non-albicans Candida Species. Current Topics in Medicinal Chemistry, 2019, 19, 2527-2553.	2.1	20
89	Proteomic analysis of two Trypanosoma cruzi zymodeme 3 strains. Experimental Parasitology, 2010, 126, 540-551.	1.2	19
90	Miltefosine-Lopinavir Combination Therapy Against Leishmania infantum Infection: In vitro and in vivo Approaches. Frontiers in Cellular and Infection Microbiology, 2019, 9, 229.	3.9	19

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91	Developmentally Regulated Protein Expression Mediated by Dimethylsulfoxide in Herpetomonas samuelpessoai. Current Microbiology, 2001, 42, 111-116.	2.2	18
92	GP63 Function in the Interaction of Trypanosomatids with the Invertebrate Host: Facts and Prospects. Sub-Cellular Biochemistry, 2014, 74, 253-270.	2.4	18
93	Nelfinavir and lopinavir impair Trypanosoma cruzi trypomastigote infection in mammalian host cells and show anti-amastigote activity. International Journal of Antimicrobial Agents, 2016, 48, 703-711.	2.5	18
94	Different classes of hydrolytic enzymes produced by multidrug-resistant yeasts comprising the<i>Candida haemulonii</i>complex. Medical Mycology, 2017, 55, 228-232.	0.7	18
95	Docking simulation between HIV peptidase inhibitors and Trypanosoma cruzi aspartyl peptidase. BMC Research Notes, 2018, 11, 825.	1.4	18
96	Antimicrobial action of 1,10-phenanthroline-based compounds on carbapenemase-producing Acinetobacter baumannii clinical strains: efficacy against planktonic- and biofilm-growing cells. Brazilian Journal of Microbiology, 2020, 51, 1703-1710.	2.0	18
97	Activation of the Glycosylphosphatidylinositol-Anchored Membrane Proteinase upon Release from Herpetomonas samuelpessoai by Phospholipase C. Current Microbiology, 2002, 45, 293-298.	2.2	17
98	Influence of the endosymbiont ofBlastocrithidia culicisandCrithidia deaneion the glycoconjugate expression and onAedes aegyptiinteraction. FEMS Microbiology Letters, 2005, 252, 279-286.	1.8	17
99	Differential influence of gp63-like molecules in three distinct Leptomonas species on the adhesion to insect cells. Parasitology Research, 2009, 104, 347-353.	1.6	17
100	Proteins and Peptidases from Conidia and Mycelia of Scedosporium apiospermum Strain HLPB. Mycopathologia, 2009, 167, 25-30.	3.1	17
101	Extracellular proteases of Halobacillus blutaparonensis strain M9, a new moderately halophilic bacterium. Brazilian Journal of Microbiology, 2013, 44, 1299-1304.	2.0	17
102	Rutin derivatives obtained by transesterification reactions catalyzed by Novozym 435: Antioxidant properties and absence of toxicity in mammalian cells. PLoS ONE, 2018, 13, e0203159.	2.5	17
103	Pathogenicity Levels of Colombian Strains of Candida auris and Brazilian Strains of Candida haemulonii Species Complex in Both Murine and Galleria mellonella Experimental Models. Journal of Fungi (Basel, Switzerland), 2020, 6, 104.	3.5	17
104	Herpetomonas samuelpessoai: Dimethylsulfoxide-Induced Differentiation Is Influenced by Proteinase Expression. Current Microbiology, 2003, 46, 11-17.	2.2	16
105	Aspartic Proteases of Human Pathogenic Fungi are Prospective Targets for the Generation of Novel and Effective Antifungal Inhibitors. Current Enzyme Inhibition, 2011, 7, 96-118.	0.4	16
106	<scp><i>Histoplasma capsulatum</i></scp>â€induced extracellular DNA trap release in human neutrophils. Cellular Microbiology, 2020, 22, e13195.	2.1	16
107	Anti-Virulence Strategy against the Multidrug-Resistant Bacterial Pathogen Pseudomonas aeruginosa: Pseudolysin (Elastase B) as a Potential Druggable Target. Current Protein and Peptide Science, 2019, 20, 471-487.	1.4	16
108	Effect of suramin on the human pathogenCandida albicans: implications on the fungal development and virulence. FEMS Immunology and Medical Microbiology, 2007, 51, 399-406.	2.7	15

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109	Leishmanolysin-like Molecules in Herpetomonas samuelpessoai Mediate Hydrolysis of Protein Substrates and Interaction with Insect. Protist, 2010, 161, 589-602.	1.5	15
110	Surface phosphatase in<i>Rhinocladiella aquaspersa</i>: biochemical properties and its involvement with adhesion. Medical Mycology, 2012, 50, 570-578.	0.7	15
111	Conidial germination in Scedosporium apiospermum, S. aurantiacum, S. minutisporum and Lomentospora prolificans: influence of growth conditions and antifungal susceptibility profiles. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 484-494.	1.6	15
112	Trichosporon asahii secretes a 30-kDa aspartic peptidase. Microbiological Research, 2017, 205, 66-72.	5.3	15
113	Funding for Chagas Disease: A 10-Year (2009â€“2018) Survey. Tropical Medicine and Infectious Disease, 2020, 5, 88.	2.3	15
114	Coinfection of domestic felines by distinct Sporothrix brasiliensis in the Brazilian sporotrichosis hyperendemic area. Fungal Genetics and Biology, 2020, 140, 103397.	2.1	15
115	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.	3.5	15
116	Cellular localization and expression of gp63 homologous metalloproteases in Leishmania (Viannia) braziliensis strains. Acta Tropica, 2008, 106, 143-148.	2.0	14
117	Metallopeptidase inhibitors arrest vital biological processes in the fungal pathogen Scedosporium apiospermum. Mycoses, 2011, 54, 105-112.	4.0	14
118	Susceptibility of promastigotes and intracellular amastigotes from distinct Leishmania species to the calpain inhibitor MDL28170. Parasitology Research, 2018, 117, 2085-2094.	1.6	14
119	Fonsecaea pedrosoi Sclerotic Cells: Secretion of Aspartic-Type Peptidase and Susceptibility to Peptidase Inhibitors. Frontiers in Microbiology, 2018, 9, 1383.	3.5	14
120	Synthesis and antimicrobial activity of a phenanthroline-isoniazid hybrid ligand and its Ag+ and Mn2+ complexes. BioMetals, 2019, 32, 671-682.	4.1	14
121	Cysteine peptidases in the tomato trypanosomatid Phytomonas serpens: Influence of growth conditions, similarities with cruzipain and secretion to the extracellular environment. Experimental Parasitology, 2008, 120, 343-352.	1.2	13
122	Cysteine peptidases in<i>Herpetomonas samuelpessoai</i>are modulated by temperature and dimethylsulfoxide-triggered differentiation. Parasitology, 2009, 136, 45-54.	1.5	13
123	Phospholipase and Esterase Production by Clinical Strains of Fonsecaea pedrosoi and Their Interactions with Epithelial Cells. Mycopathologia, 2010, 170, 31-37.	3.1	13
124	HIV aspartic peptidase inhibitors are effective drugs against the trypomastigote form of the human pathogen Trypanosoma cruzi. International Journal of Antimicrobial Agents, 2016, 48, 440-444.	2.5	13
125	Lopinavir, an HIV-1 peptidase inhibitor, induces alteration on the lipid metabolism of<i>Leishmania amazonensis</i>promastigotes. Parasitology, 2018, 145, 1304-1310.	1.5	13
126	Physical stability enhancement and antimicrobial properties of a sodium ionic cocrystal with theophylline. CrystEngComm, 2021, 23, 335-352.	2.6	13

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127	Are Nanobiosensors an Improved Solution for Diagnosis of Leishmania?. Pharmaceutics, 2021, 13, 491.	4.5	13
128	Influence of leishmanolysin-like molecules of Herpetomonas samuelpessoai on the interaction with macrophages. Microbes and Infection, 2010, 12, 1061-1070.	1.9	12
129	Detection of proteases from Sporosarcina aquimarina and Algoriphagus antarcticus isolated from Antarctic soil. Anais Da Academia Brasileira De Ciencias, 2015, 87, 109-119.	0.8	12
130	1,10-Phenanthroline Inhibits the Metallopeptidase Secreted by Phialophora verrucosa and Modulates its Growth, Morphology and Differentiation. Mycopathologia, 2015, 179, 231-242.	3.1	12
131	Heterogeneous production of proteases from Brazilian clinical isolates of Pseudomonas aeruginosa. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2017, 35, 630-637.	0.5	12
132	Participation of<i>Trypanosoma cruzi</i>gp63 molecules on the interaction with<i>Rhodnius prolixus</i>. Parasitology, 2019, 146, 1075-1082.	1.5	12
133	Insights into the Multi-Azole Resistance Profile in Candida haemulonii Species Complex. Journal of Fungi (Basel, Switzerland), 2020, 6, 215.	3.5	12
134	Silver(I) and Copper(II) Complexes of 1,10-Phenanthroline-5,6-Dione Against Phialophora verrucosa: A Focus on the Interaction With Human Macrophages and Galleria mellonella Larvae. Frontiers in Microbiology, 2021, 12, 641258.	3.5	12
135	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.	2.1	12
136	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, 27, 201-213.	2.6	12
137	Aspartic protease inhibitors: effective drugs against the human fungal pathogen Candida albicans. Mini-Reviews in Medicinal Chemistry, 2013, 13, 155-62.	2.4	12
138	Changes of sialomolecules during the dimethylsulfoxide-induced differentiation of Herpetomonas samuelpessoai. Parasitology Research, 2002, 88, 951-955.	1.6	11
139	Heterogeneous production of metallo-type peptidases in parasites belonging to the family Trypanosomatidae. European Journal of Protistology, 2008, 44, 103-113.	1.5	11
140	Trypanosoma cruzi: ubiquity expression of surface cruzipain molecules in TCI and TCII field isolates. Parasitology Research, 2010, 107, 443-447.	1.6	11
141	Glycosylated metal chelators as anti-parasitic agents with tunable selectivity. Dalton Transactions, 2017, 46, 5297-5307.	3.3	11
142	Biofilm Formed by Candida haemulonii Species Complex: Structural Analysis and Extracellular Matrix Composition. Journal of Fungi (Basel, Switzerland), 2020, 6, 46.	3.5	11
143	Repositioning Lopinavir, an HIV Protease Inhibitor, as a Promising Antifungal Drug: Lessons Learned from Candida albicansâ€"In Silico, In Vitro and In Vivo Approaches. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.5	11
144	Biofilm formation in clinically relevant filamentous fungi: a therapeutic challenge. Critical Reviews in Microbiology, 2022, 48, 197-221.	6.1	11

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145	Surface Characteristics and Microbiological Analysis of a Vat-Photopolymerization Additive-Manufacturing Dental Resin. Materials, 2022, 15, 425.	2.9	11
146	Metallopeptidases produced by group B Streptococcus: influence of proteolytic inhibitors on growth and on interaction with human cell lineages. International Journal of Molecular Medicine, 2008, 22, 119-25.	4.0	11
147	Cellular characterisation of Candida tropicalis presenting fluconazole-related trailing growth. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 31-38.	1.6	10
148	Multiple effects of pepstatin A on Trypanosoma cruzi epimastigote forms. Parasitology Research, 2012, 110, 2533-2540.	1.6	10
149	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.	1.3	10
150	Relationship between the Antifungal Susceptibility Profile and the Production of Virulence-Related Hydrolytic Enzymes in Brazilian Clinical Strains of<i>Candida glabrata</i>. Mediators of Inflammation, 2017, 2017, 1-10.	3.0	10
151	Surface, adhesiveness and virulence aspects of Candida haemulonii species complex. Medical Mycology, 2020, 58, 973-986.	0.7	10
152	Exploring Innovative Leishmaniasis Treatment: Drug Targets from Preâ€Clinical to Clinical Findings. Chemistry and Biodiversity, 2021, 18, e2100336.	2.1	10
153	A 25-kDa Serine Peptidase with Keratinolytic Activity Secreted by Coccidioides immitis. Mycopathologia, 2008, 166, 35-40.	3.1	9
154	Roles of the endosymbiont and leishmanolysin-like molecules expressed by Crithidia deanei in the interaction with mammalian fibroblasts. Experimental Parasitology, 2009, 121, 246-253.	1.2	9
155	Î²-Cyclodextrin/Isopentyl Caffeate Inclusion Complex: Synthesis, Characterization and Antileishmanial Activity. Molecules, 2020, 25, 4181.	3.8	9
156	Impact of biofilm formation and azoles' susceptibility in Scedosporium/Lomentospora species using an in vitro model that mimics the cystic fibrosis patients' airway environment. Journal of Cystic Fibrosis, 2021, 20, 303-309.	0.7	9
157	Antimycotic nail polish based on humic acidâ€coated silver nanoparticles for onychomycosis. Journal of Chemical Technology and Biotechnology, 2021, 96, 2208-2218.	3.2	9
158	Protease expression analysis in recently field-isolated strains of<i>Trypanosoma cruzi</i>: a heterogeneous profile of cysteine protease activities between TC I and TC II major phylogenetic groups. Parasitology, 2008, 135, 1093-1100.	1.5	8
159	HIV Aspartic Peptidase Inhibitors Modulate Surface Molecules and Enzyme Activities Involved with Physiopathological Events in Fonsecaea pedrosoi. Frontiers in Microbiology, 2017, 8, 918.	3.5	8
160	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.	1.6	8
161	Current Challenges and Updates on the Therapy of Fungal Infections. Current Topics in Medicinal Chemistry, 2019, 19, 495-499.	2.1	8
162	Anti-Leishmania braziliensis activity of 1,10-phenanthroline-5,6-dione and its Cu(II) and Ag(I) complexes. Parasitology Research, 2021, 120, 3273-3285.	1.6	8

#	Article	IF	Citations
163	Evidence That a Laminin-Like Insect Protein Mediates Early Events in the Interaction of a Phytoparasite with Its Vector's Salivary Gland. PLoS ONE, 2012, 7, e48170.	2.5	8
164	Detection of sialoglycomolecules in five plant trypanosomatids and in an insect phytophagous isolate. FEMS Microbiology Letters, 2002, 214, 19-23.	1.8	7
165	Major cysteine protease (cruzipain) in Z3 sylvatic isolates of Trypanosoma cruzi from Rio de Janeiro, Brazil. Parasitology Research, 2009, 105, 743-749.	1.6	7
166	Aspartic Peptidase Inhibitors as Potential Bioactive Pharmacological Compounds Against Human Fungal Pathogens. , 2010, , 289-325.		7
167	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.	2.3	7
168	Biological properties of functional flavoring produced by enzymatic esterification of citronellol and geraniol present in <i>Cymbopogon winterianus</i> essential oil. Natural Product Research, 2021, 35, 5981-5987.	1.8	7
169	Biofilms formed byScedosporiumandLomentosporaspecies: focus on the extracellular matrix. Biofouling, 2020, 36, 308-318.	2.2	7
170	Fungal Biofilm - A Real Obstacle against an Efficient Therapy: Lessons from Candida. Current Topics in Medicinal Chemistry, 2017, , .	2.1	7
171	Deciphering the effects of nelfinavir and lopinavir on epimastigote forms of Trypanosoma cruzi. Parasitology International, 2017, 66, 529-536.	1.3	6
172	Scedosporium apiospermum, Scedosporium aurantiacum, Scedosporium minutisporum and Lomentospora prolificans: a comparative study of surface molecules produced by conidial and germinated conidial cells. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180102.	1.6	6
173	<i>Citrus sinensis</i> Essential Oil-Based Microemulsions: Green Synthesis, Characterization, and Antibacterial and Larvicide Activities. ACS Food Science & Technology, 2021, 1, 462-469.	2.7	6
174	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.	0.8	6
175	Synthetic Derivatives against Wild-Type and Non-Wild-Type Sporothrix brasiliensis: In Vitro and In Silico Analyses. Pharmaceuticals, 2022, 15, 55.	3.8	6
176	Novel Treatment Approaches to Combat Trichomoniasis, a Neglected and Sexually Transmitted Infection Caused by Trichomonas vaginalis: Translational Perspectives. Venereology, 2022, 1, 47-80.	1.6	6
177	A Stroll Through the History of Monoxenous Trypanosomatids Infection in Vertebrate Hosts. Frontiers in Cellular and Infection Microbiology, 2022, 12, 804707.	3.9	6
178	Decoding the antifungal resistance mechanisms in biofilms of emerging, ubiquitous and multidrug-resistant species belonging to the <i>Scedosporium/Lomentospora</i> genera. Medical Mycology, 0, , .	0.7	6
179	Development of a Ligand Blot Assay Using Biotinylated Live Cells. Journal of Biomolecular Screening, 2007, 12, 1006-1010.	2.6	5
180	Cysteine peptidases fromPhytomonas serpens: biochemical and immunological approaches. FEMS Immunology and Medical Microbiology, 2009, 57, 247-256.	2.7	5

#	Article	IF	Citations
181	Effects of direct electric current on <i>Herpetomonas samuelpessoai</i>: An ultrastructural study. Bioelectromagnetics, 2012, 33, 334-345.	1.6	5
182	Direct electric current modifies important cellular aspects and ultrastructure features of <i>Candida albicans</i> yeasts: Influence of doses and polarities. Bioelectromagnetics, 2017, 38, 95-108.	1.6	5
183	The serine peptidase inhibitor TPCK induces several morphophysiological changes in the opportunistic fungal pathogen Candida parapsilosis sensu stricto. Medical Mycology, 2019, 57, 1024-1037.	0.7	5
184	Insights into the interaction of Scedosporium apiospermum, Scedosporium aurantiacum, Scedosporium minutisporum, and Lomentospora prolificans with lung epithelial cells. Brazilian Journal of Microbiology, 2020, 51, 427-436.	2.0	5
185	Secreted aspartyl peptidases by the emerging, opportunistic and multidrug-resistant fungal pathogens comprising the Candida haemulonii complex. Fungal Biology, 2020, 124, 700-707.	2.5	5
186	Aspartic peptidase of <i>Phialophora verrucosa</i> as target of HIV peptidase inhibitors: blockage of its enzymatic activity and interference with fungal growth and macrophage interaction. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 629-638.	5.2	5
187	The Diverse Calpain Family in Trypanosomatidae: Functional Proteins Devoid of Proteolytic Activity?. Cells, 2021, 10, 299.	4.1	5
188	Cashew Gum (Anacardium occidentale) as a Potential Source for the Production of Tocopherol-Loaded Nanoparticles: Formulation, Release Profile and Cytotoxicity. Applied Sciences (Switzerland), 2021, 11, 8467.	2.5	5
189	Analysis of the mechanisms of action of isopentenyl caffeate against Leishmania. Biochimie, 2021, 189, 158-167.	2.6	5
190	Repositioning of HIV Aspartyl Peptidase Inhibitors for Combating the Neglected Human Pathogen Trypanosoma cruzi. Current Medicinal Chemistry, 2019, 26, 6590-6613.	2.4	5
191	Effect of chelating agents on the growth, surface polypeptide synthesis and interaction of Streptococcus agalactiae with human epithelial cells. Molecular Medicine Reports, 2008, 2, 81-4.	2.4	4
192	<i>Bodo</i> sp., a Freeâ€Living Flagellate, Expresses Divergent Proteolytic Activities from the Closely Related Parasitic Trypanosomatids. Journal of Eukaryotic Microbiology, 2009, 56, 454-458.	1.7	4
193	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.	3.3	4
194	Editorial (Thematic Issue: New Antimicrobial Therapeutics). Current Medicinal Chemistry, 2015, 22, 2112-2115.	2.4	4
195	<i>In vitro</i>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. Parasitology, 2018, 145, 355-370.	1.5	4
196	Pieces of the Complex Puzzle of Cancer Cell Energy Metabolism: An Overview of Energy Metabolism and Alternatives for Targeted Cancer Therapy. Current Medicinal Chemistry, 2021, 28, 3514-3534.	2.4	4
197	Lopinavir and Nelfinavir Induce the Accumulation of Crystalloid Lipid Inclusions within the Reservosomes of Trypanosoma cruzi and Inhibit Both Aspartyl-Type Peptidase and Cruzipain Activities Detected in These Crucial Organelles. Tropical Medicine and Infectious Disease, 2021, 6, 120.	2.3	4
198	Sialoglycoconjugates inHerpetomonas megaseliae: role in the adhesion to insect host epithelial cells. FEMS Microbiology Letters, 2009, 295, 274-280.	1.8	3

#	Article	IF	Citations
199	Differential expression of cruzipain- and gp63-like molecules in the phytoflagellate trypanosomatid Phytomonas serpens induced by exogenous proteins. Experimental Parasitology, 2012, 130, 13-21.	1.2	3
200	Susceptibility of the Candida haemulonii Complex to Echinocandins: Focus on Both Planktonic and Biofilm Life Styles and a Literature Review. Journal of Fungi (Basel, Switzerland), 2020, 6, 201.	3.5	3
201	Saccharide sources do not influence the biofilm formation in <i>Scedosporium/Lomentospora</i> species. Experimental Results, 2020, 1, .	0.6	3
202	Influence of relevant cystic fibrosis bacteria on Scedosporium apiospermum and Scedosporium boydii growth and viability. Brazilian Journal of Microbiology, 2021, 52, 185-193.	2.0	3
203	In vitro effects of bis(N-[4-(hydroxyphenyl)methyl]-2-pyridinemethamine)zinc perchlorate monohydrate 4 on the physiology and interaction process of Leishmania amazonensis. Parasitology International, 2021, 84, 102376.	1.3	3
204	Aspartic Proteolytic Inhibitors Induce Cellular and Biochemical Alterations in Fungal Cells. , 2013, , 89-119.		3
205	Expression and cellular localisation of Trypanosoma cruzi calpains. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e200142.	1.6	3
206	Umbu Fruit Peel as Source of Antioxidant, Antimicrobial and Î±-Amylase Inhibitor Compounds. Molecules, 2022, 27, 410.	3.8	3
207	Effect of sphingosine and phorbol-12-myristate-13-acetate on the growth and dimethylsulfoxide-induced differentiation in the insect trypanosomatid Herpetomonas samuelpessoai. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 601-604.	1.6	2
208	Editorial (Hot Topic: Proteolytic Inhibitors: Implications on Microorganisms Development, Virulence) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	2
209	EDITORIAL: Old Drugs Ã— New Perspectives/New Compounds Ã— Old Necessities: Focusing on Combating Microbial Resistance â€“ Part I. Current Topics in Medicinal Chemistry, 2017, 17, 1117-1118.	2.1	2
210	Trendings of amphotericin B-loaded nanoparticles as valuable chemotherapeutic approaches against leishmaniasis. , 2021, , 291-327.		2
211	EDITORIAL: Old Drugs x New Perspectives/New Compounds x Old Necessities: Focusing on Combating Microbial Resistance - Part II. Current Topics in Medicinal Chemistry, 2017, 17, 1235-1236.	2.1	1
212	Asymmetric peptidomimetics containing L-tartaric acid core inhibit the aspartyl peptidase activity and growth of Leishmania amazonensis promastigotes. Acta Parasitologica, 2018, 63, 114-124.	1.1	1
213	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.	2.1	1
214	The Enhanced Expression of Cruzipain-Like Molecules in the Phytoflagellate Phytomonas serpens Recovered From the Invertebrate and Plant Hosts. Frontiers in Cellular and Infection Microbiology, 2021, 11, 819133.	3.9	1
215	Molecular mechanisms of action of trypanocidal and leishmanicidal drugs with focus on novel chemotherapeutic strategies: creation of a Brazilian multicentre working group. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e220002.	1.6	1
216	Proteolytic inhibitors as alternative medicines to treat trypanosomatid-caused diseases: experience with calpain inhibitors. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e220017.	1.6	1

#	Article	IF	Citations
217	Antileishmanial Efficacy of the Calpain Inhibitor MDL28170 in Combination with Amphotericin B. Tropical Medicine and Infectious Disease, 2022, 7, 29.	2.3	1
218	Brazilian scientists: much to learn from the microbial biofilm lifestyle (a resistant, resilient,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	0.5	1
219	Differences in Charge Distribution in Leishmania tarentolae Leishmanolysin Result in a Reduced Enzymatic Activity. International Journal of Molecular Sciences, 2022, 23, 7660.	4.1	1
220	In vitro effects of the asymmetric peptidomimetic 157, containing l-tartaric acid core and valine/leucine substituents, on Leishmania amazonensis promastigotes and amastigotes. Parasitology International, 2019, 73, 101968.	1.3	0
221	Doxycycline treatment reestablishes renal function of Wistar rats in experimental envenomation with Bothrops jararacussu venom. Toxicon, 2021, 199, 20-30.	1.6	0
222	COVID-19 and Diabetes Mellitus: Potential Metabolic Associations. Current Topics in Medicinal Chemistry, 2021, 21, 929-936.	2.1	0
223	Repositioning drug strategy against Trypanosoma cruzi: lessons learned from HIV aspartyl peptidase inhibitors. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e210386.	1.6	0