Marcio L Rodrigues

List of Publications by Citations

200 papers	7,217 citations	46 h-index	78 g-index
215 ext. papers	8,861 ext. citations	4.8 avg, IF	6.1 L-index

#	Paper	IF	Citations
200	Extracellular vesicles produced by Cryptococcus neoformans contain protein components associated with virulence. *Eukaryotic Cell*, **2008**, 7, 58-67		385
199	Vesicular polysaccharide export in Cryptococcus neoformans is a eukaryotic solution to the problem of fungal trans-cell wall transport. *Eukaryotic Cell*, **2007**, 6, 48-59		336
198	The capsule of the fungal pathogen Cryptococcus neoformans. *Advances in Applied Microbiology*, **2009**, 68, 133-216	4.9	297
197	EVpedia: a community web portal for extracellular vesicles research. *Bioinformatics*, **2015**, 31, 933-9	7.2	256
196	Vesicular transport in Histoplasma capsulatum: an effective mechanism for trans-cell wall transfer of proteins and lipids in ascomycetes. *Cellular Microbiology*, **2008**, 10, 1695-710	3.9	246
195	Human antibodies against a purified glucosylceramide from Cryptococcus neoformans inhibit cell budding and fungal growth. *Infection and Immunity*, **2000**, 68, 7049-60	3.7	180
194	Extracellular vesicles from Cryptococcus neoformans modulate macrophage functions. *Infection and Immunity*, **2010**, 78, 1601-9	3.7	178
193	Characterization of yeast extracellular vesicles: evidence for the participation of different pathways of cellular traffic in vesicle biogenesis. *PLoS ONE*, **2010**, 5, e11113	3.7	163
192	Compositional and immunobiological analyses of extracellular vesicles released by Candida albicans. *Cellular Microbiology*, **2015**, 17, 389-407	3.9	158
191	Extracellular vesicle-mediated export of fungal RNA. *Scientific Reports*, **2015**, 5, 7763	4.9	134
190	Antimicrobial activity of Croton cajucara Benth linalool-rich essential oil on artificial biofilms and planktonic microorganisms. *Oral Microbiology and Immunology*, **2005**, 20, 101-5		120
189	The Still Underestimated Problem of Fungal Diseases Worldwide. *Frontiers in Microbiology*, **2019**, 10, 214	5.7	113
188	Vesicle-associated melanization in Cryptococcus neoformans. *Microbiology (United Kingdom)*, **2009**, 155, 3860-3867	2.9	109
187	Vesicular transport across the fungal cell wall. *Trends in Microbiology*, **2009**, 17, 158-62	12.4	109
186	Self-aggregation of Cryptococcus neoformans capsular glucuronoxylomannan is dependent on divalent cations. *Eukaryotic Cell*, **2007**, 6, 1400-10		107
185	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. *MBio*, **2015**, 6, e00647	7.8	94
184	The impact of proteomics on the understanding of functions and biogenesis of fungal extracellular vesicles. *Journal of Proteomics*, **2014**, 97, 177-86	3.9	83

183	Melanin from Fonsecaea pedrosoi induces production of human antifungal antibodies and enhances the antimicrobial efficacy of phagocytes. *Infection and Immunity*, **2004**, 72, 229-37	3.7	83
182	Capsule of Cryptococcus neoformans grows by enlargement of polysaccharide molecules. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1228-33	11.5	79
181	Characterization of glucosylceramides in Pseudallescheria boydii and their involvement in fungal differentiation. *Glycobiology*, **2002**, 12, 251-60	5.8	79
180	Paracoccidioides brasiliensis enolase is a surface protein that binds plasminogen and mediates interaction of yeast forms with host cells. *Infection and Immunity*, **2010**, 78, 4040-50	3.7	78
179	Binding of the wheat germ lectin to Cryptococcus neoformans suggests an association of chitinlike structures with yeast budding and capsular glucuronoxylomannan. *Eukaryotic Cell*, **2008**, 7, 602-9		78
178	Potential Roles of Fungal Extracellular Vesicles during Infection. *MSphere*, **2016**, 1,	5	73
177	Biology and pathogenesis of Fonsecaea pedrosoi, the major etiologic agent of chromoblastomycosis. *FEMS Microbiology Reviews*, **2007**, 31, 570-91	15.1	72
176	Structure and biological functions of fungal cerebrosides. *Anais Da Academia Brasileira De Ciencias*, **2004**, 76, 67-84	1.4	71
175	The multitude of targets for the immune system and drug therapy in the fungal cell wall. *Microbes and Infection*, **2005**, 7, 789-98	9.3	69
174	Pathogenicity of Cryptococcus neoformans: virulence factors and immunological mechanisms. *Microbes and Infection*, **1999**, 1, 293-301	9.3	69
173	Vesicular Trans-Cell Wall Transport in Fungi: A Mechanism for the Delivery of Virulence-Associated Macromolecules?. *Lipid Insights*, **2008**, 2, 27-40	1	67
172	Fungal diseases as neglected pathogens: A wake-up call to public health officials. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0007964	4.8	63
171	Vesicular mechanisms of traffic of fungal molecules to the extracellular space. *Current Opinion in Microbiology*, **2013**, 16, 414-20	7.9	63
170	Role for Golgi reassembly and stacking protein (GRASP) in polysaccharide secretion and fungal virulence. *Molecular Microbiology*, **2011**, 81, 206-18	4.1	63
169	In vitro activity of the antifungal plant defensin RsAFP2 against Candida isolates and its in vivo efficacy in prophylactic murine models of candidiasis. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 4522-5	5.9	63
168	The Multifunctional Fungal Ergosterol. *MBio*, **2018**, 9,	7.8	62
167	Extracellular Vesicle-Associated Transitory Cell Wall Components and Their Impact on the Interaction of Fungi with Host Cells. *Frontiers in Microbiology*, **2016**, 7, 1034	5.7	60
166	Monoclonal antibody to fungal glucosylceramide protects mice against lethal Cryptococcus neoformans infection. *Vaccine Journal*, **2007**, 14, 1372-6		59

165	Synthesis and biological properties of fungal glucosylceramide. *PLoS Pathogens*, **2014**, 10, e1003832	7.6	56
164	Cryptococcus neoformans cryoultramicrotomy and vesicle fractionation reveals an intimate association between membrane lipids and glucuronoxylomannan. *Fungal Genetics and Biology*, **2009**, 46, 956-63	3.9	53
163	Ectophosphatase activity in conidial forms of Fonsecaea pedrosoi is modulated by exogenous phosphate and influences fungal adhesion to mammalian cells. *Microbiology (United Kingdom)*, **2004**, 150, 3355-62	2.9	53
162	Vesicular transport systems in fungi. *Future Microbiology*, **2011**, 6, 1371-81	2.9	52
161	Immunomodulatory effects of serotype B glucuronoxylomannan from Cryptococcus gattii correlate with polysaccharide diameter. *Infection and Immunity*, **2010**, 78, 3861-70	3.7	51
160	Glucuronoxylomannan-mediated interaction of Cryptococcus neoformans with human alveolar cells results in fungal internalization and host cell damage. *Microbes and Infection*, **2006**, 8, 493-502	9.3	49
159	A monoclonal antibody to glucosylceramide inhibits the growth of Fonsecaea pedrosoi and enhances the antifungal action of mouse macrophages. *Microbes and Infection*, **2004**, 6, 657-65	9.3	49
158	Where do they come from and where do they go: candidates for regulating extracellular vesicle formation in fungi. *International Journal of Molecular Sciences*, **2013**, 14, 9581-603	6.3	48
157	Galectin-3 impacts Cryptococcus neoformans infection through direct antifungal effects. *Nature Communications*, **2017**, 8, 1968	17.4	47
156	Capsular localization of the Cryptococcus neoformans polysaccharide component galactoxylomannan. *Eukaryotic Cell*, **2009**, 8, 96-103		47
155	Capsules from pathogenic and non-pathogenic Cryptococcus spp. manifest significant differences in structure and ability to protect against phagocytic cells. *PLoS ONE*, **2012**, 7, e29561	3.7	47
154	Role of the Apt1 protein in polysaccharide secretion by Cryptococcus neoformans. *Eukaryotic Cell*, **2014**, 13, 715-26		46
153	Hemoglobin uptake by Paracoccidioides spp. is receptor-mediated. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2856	4.8	45
152	Role for chitin and chitooligomers in the capsular architecture of Cryptococcus neoformans. *Eukaryotic Cell*, **2009**, 8, 1543-53		45
151	Traveling into Outer Space: Unanswered Questions about Fungal Extracellular Vesicles. *PLoS Pathogens*, **2015**, 11, e1005240	7.6	45
150	Cleavage of human fibronectin and other basement membrane-associated proteins by a Cryptococcus neoformans serine proteinase. *Microbial Pathogenesis*, **2003**, 34, 65-71	3.8	44
149	Antinociceptive and free radical scavenging activities of Cocos nucifera L. (Palmae) husk fiber aqueous extract. *Journal of Ethnopharmacology*, **2004**, 92, 269-73	5	44
148	The Anti-helminthic Compound Mebendazole Has Multiple Antifungal Effects against. *Frontiers in Microbiology*, **2017**, 8, 535	5.7	43

147	Structure, cellular distribution, antigenicity, and biological functions of Fonsecaea pedrosoi ceramide monohexosides. *Infection and Immunity*, **2005**, 73, 7860-8	3.7	42
146	Glucosylceramides in Colletotrichum gloeosporioides are involved in the differentiation of conidia into mycelial cells. *FEBS Letters*, **2004**, 561, 137-43	3.8	41
145	Structural and functional properties of the Trichosporon asahii glucuronoxylomannan. *Fungal Genetics and Biology*, **2009**, 46, 496-505	3.9	40
144	A role for vesicular transport of macromolecules across cell walls in fungal pathogenesis. *Communicative and Integrative Biology*, **2008**, 1, 37-39	1.7	40
143	Identification of N-acetylneuraminic acid and its 9-O-acetylated derivative on the cell surface of Cryptococcus neoformans: influence on fungal phagocytosis. *Infection and Immunity*, **1997**, 65, 4937-42	3.7	40
142	The GATA-type transcriptional activator Gat1 regulates nitrogen uptake and metabolism in the human pathogen Cryptococcus neoformans. *Fungal Genetics and Biology*, **2011**, 48, 192-9	3.9	39
141	A Novel Protocol for the Isolation of Fungal Extracellular Vesicles Reveals the Participation of a Putative Scramblase in Polysaccharide Export and Capsule Construction in. *MSphere*, **2019**, 4,	5	38
140	Fungal extracellular vesicles: modulating host-pathogen interactions by both the fungus and the host. *Microbes and Infection*, **2018**, 20, 501-504	9.3	36
139	Biogenesis of extracellular vesicles in yeast: Many questions with few answers. *Communicative and Integrative Biology*, **2010**, 3, 533-5	1.7	35
138	Extracellular Vesicles in Fungi: Past, Present, and Future Perspectives. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 346	5.9	35
137	Leave no one behind: response to new evidence and guidelines for the management of cryptococcal meningitis in low-income and middle-income countries. *Lancet Infectious Diseases, The*, **2019**, 19, e143-e147	25.5	35
136	The heat shock protein (Hsp) 70 of Cryptococcus neoformans is associated with the fungal cell surface and influences the interaction between yeast and host cells. *Fungal Genetics and Biology*, **2013**, 60, 53-63	3.9	34
135	Fungal glucosylceramides: from structural components to biologically active targets of new antimicrobials. *Frontiers in Microbiology*, **2011**, 2, 212	5.7	34
134	The vacuolar Ca□(+) exchanger Vcx1 is involved in calcineurin-dependent Ca□(+) tolerance and virulence in Cryptococcus neoformans. *Eukaryotic Cell*, **2010**, 9, 1798-805		34
133	Gomesin, a peptide produced by the spider Acanthoscurria gomesiana, is a potent anticryptococcal agent that acts in synergism with fluconazole. *FEMS Microbiology Letters*, **2007**, 274, 279-86	2.9	34
132	An ectophosphatase activity in Cryptococcus neoformans. *FEMS Yeast Research*, **2006**, 6, 1010-7	3.1	34
131	Glucuronoxylomannan and Sterylglucoside Are Required for Host Protection in an Animal Vaccination Model. *MBio*, **2019**, 10,	7.8	32
130	Searching for a change: The need for increased support for public health and research on fungal diseases. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006479	4.8	32

129	Antibody binding to Cryptococcus neoformans impairs budding by altering capsular mechanical properties. *Journal of Immunology*, **2013**, 190, 317-23	5.3	31
128	Chronological aging is associated with biophysical and chemical changes in the capsule of Cryptococcus neoformans. *Infection and Immunity*, **2011**, 79, 4990-5000	3.7	31
127	An ectophosphatase activity in Candida parapsilosis influences the interaction of fungi with epithelial cells. *FEMS Yeast Research*, **2007**, 7, 621-8	3.1	30
126	The elastic properties of the Cryptococcus neoformans capsule. *Biophysical Journal*, **2009**, 97, 937-45	2.9	29
125	Changes in glucosylceramide structure affect virulence and membrane biophysical properties of Cryptococcus neoformans. *Biochimica Et Biophysica Acta - Biomembranes*, **2017**, 1859, 2224-2233	3.8	29
124	Analysis of multiple components involved in the interaction between Cryptococcus neoformans and Acanthamoeba castellanii. *Fungal Biology*, **2017**, 121, 602-614	2.8	27
123	A two-way road: novel roles for fungal extracellular vesicles. *Molecular Microbiology*, **2018**, 110, 11-15	4.1	27
122	Novel role of sphingolipid synthesis genes in regulating giardial encystation. *Infection and Immunity* , **2008**, 76, 2939-49	3.7	27
121	Binding of glucuronoxylomannan to the CD14 receptor in human A549 alveolar cells induces interleukin-8 production. *Vaccine Journal*, **2007**, 14, 94-8		27
120	Media matters! Alterations in the loading and release of Histoplasma capsulatum extracellular vesicles in response to different nutritional milieus. *Cellular Microbiology*, **2020**, 22, e13217	3.9	26
119	Agglutination of Histoplasma capsulatum by IgG monoclonal antibodies against Hsp60 impacts macrophage effector functions. *Infection and Immunity*, **2011**, 79, 918-27	3.7	26
118	Comparison of the RNA Content of Extracellular Vesicles Derived from and. *Cells*, **2019**, 8,	7.9	25
117	Binding of the wheat germ lectin to Cryptococcus neoformans chitooligomers affects multiple mechanisms required for fungal pathogenesis. *Fungal Genetics and Biology*, **2013**, 60, 64-73	3.9	25
116	Differentiation of Fonsecaea pedrosoi mycelial forms into sclerotic cells is induced by platelet-activating factor. *Research in Microbiology*, **2003**, 154, 689-95	4	25
115	Chitin-like molecules associate with Cryptococcus neoformans glucuronoxylomannan to form a glycan complex with previously unknown properties. *Eukaryotic Cell*, **2012**, 11, 1086-94		24
114	Characterization of Extracellular Vesicles Produced by Aspergillus fumigatus Protoplasts. *MSphere*, **2020**, 5,	5	24
113	Protective effect of fungal extracellular vesicles against murine candidiasis. *Cellular Microbiology*, **2020**, 22, e13238	3.9	23
112	The vacuolar-sorting protein Snf7 is required for export of virulence determinants in members of the Cryptococcus neoformans complex. *Scientific Reports*, **2014**, 4, 6198	4.9	23

111	Sialylglycoconjugates and sialyltransferase activity in the fungus Cryptococcus neoformans. *Glycoconjugate Journal*, **2002**, 19, 165-73	3	23
110	Exposure of human leukemic cells to direct electric current: generation of toxic compounds inducing cell death by different mechanisms. *Cell Biochemistry and Biophysics*, **2005**, 42, 61-74	3.2	23
109	Funding and Innovation in Diseases of Neglected Populations: The Paradox of Cryptococcal Meningitis. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004429	4.8	23
108	The calcium transporter Pmc1 provides Ca2+ tolerance and influences the progression of murine cryptococcal infection. *FEBS Journal*, **2013**, 280, 4853-64	5.7	22
107	Fungal colonization of the brain: anatomopathological aspects of neurological cryptococcosis. *Anais Da Academia Brasileira De Ciencias*, **2015**, 87, 1293-309	1.4	22
106	Extracellular Vesicle-Mediated RNA Release in. *MSphere*, **2019**, 4,	5	21
105	Golgi Reassembly and Stacking Protein (GRASP) Participates in Vesicle-Mediated RNA Export in Cryptococcus Neoformans. *Genes*, **2018**, 9,	4.2	21
104	Characterization of the antifungal functions of a WGA-Fc (IgG2a) fusion protein binding to cell wall chitin oligomers. *Scientific Reports*, **2017**, 7, 12187	4.9	21
103	Fungal polysaccharides: biological activity beyond the usual structural properties. *Frontiers in Microbiology*, **2011**, 2, 171	5.7	21
102	Differential expression of sialylglycoconjugates and sialidase activity in distinct morphological stages of Fonsecaea pedrosoi. *Archives of Microbiology*, **2004**, 181, 278-86	3	21
101	Unravelling secretion in Cryptococcus neoformans: more than one way to skin a cat. *Mycopathologia*, **2012**, 173, 407-18	2.9	20
100	Effects of microplusin, a copper-chelating antimicrobial peptide, against Cryptococcus neoformans. *FEMS Microbiology Letters*, **2011**, 324, 64-72	2.9	20
99	Analysis of Yeast Extracellular Vesicles. *Methods in Molecular Biology*, **2016**, 1459, 175-90	1.4	20
98	Bibliometric Indicators of the Zika Outbreak. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005132	4.8	17
97	The putative autophagy regulator Atg7 affects the physiology and pathogenic mechanisms of Cryptococcus neoformans. *Future Microbiology*, **2016**, 11, 1405-1419	2.9	17
96	Cryptococcus neoformans glucuronoxylomannan fractions of different molecular masses are functionally distinct. *Future Microbiology*, **2014**, 9, 147-61	2.9	17
95	The still obscure attributes of cryptococcal glucuronoxylomannan. *Medical Mycology*, **2009**, 47, 783-8	3.9	17
94	Fungal Extracellular Vesicles as Potential Targets for Immune Interventions. *MSphere*, **2019**, 4,	5	17

93	Glycosphingolipids from Magnaporthe grisea cells: expression of a ceramide dihexoside presenting phytosphingosine as the long-chain base. *Archives of Biochemistry and Biophysics*, **2002**, 405, 205-13	4.1	16
92	New structural insights into Golgi Reassembly and Stacking Protein (GRASP) in solution. *Scientific Reports*, **2016**, 6, 29976	4.9	15
91	A Paracoccidioides brasiliensis glycan shares serologic and functional properties with cryptococcal glucuronoxylomannan. *Fungal Genetics and Biology*, **2012**, 49, 943-54	3.9	15
90	Biochemical characterization of an ecto-ATP diphosphohydrolase activity in Candida parapsilosis and its possible role in adenosine acquisition and pathogenesis. *FEMS Yeast Research*, **2010**, 10, 735-46	3.1	15
89	Cellular damage and altered carbohydrate expression in P815 tumor cells induced by direct electric current: an in vitro analysis. *Bioelectromagnetics*, **2000**, 21, 597-607	1.6	15
88	The putative flippase Apt1 is required for intracellular membrane architecture and biosynthesis of polysaccharide and lipids in Cryptococcus neoformans. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2018**, 1865, 532-541	4.9	14
87	Enhanced virulence of Histoplasma capsulatum through transfer and surface incorporation of glycans from Cryptococcus neoformans during co-infection. *Scientific Reports*, **2016**, 6, 21765	4.9	14
86	Characterization of an ecto-ATPase activity in Fonsecaea pedrosoi. *Archives of Microbiology*, **2006**, 185, 355-62	3	14
85	Herpetomonas samuelpessoai: dimethylsulfoxide-induced differentiation is influenced by proteinase expression. *Current Microbiology*, **2003**, 46, 11-7	2.4	14
84	In good company: association between fungal glycans generates molecular complexes with unique functions. *Frontiers in Microbiology*, **2012**, 3, 249	5.7	13
83	Direct current decreases cell viability but not P-glycoprotein expression and function in human multidrug resistant leukemic cells. *Bioelectromagnetics*, **2001**, 22, 470-478	1.6	13
82	Local antilaminin antibody treatment alters the rejection pattern of murine cardiac allografts: correlation between cellular infiltration and extracellular matrix. *Transplantation*, **2002**, 74, 1515-22	1.8	13
81	Neglected disease, neglected populations: the fight against Cryptococcus and cryptococcosis. *Memorias Do Instituto Oswaldo Cruz*, **2018**, 113, e180111	2.6	13
80	Phytotoxic Tryptoquialanines Produced by Are Exported in Extracellular Vesicles. *MBio*, **2021**, 12,	7.8	12
79	Fenbendazole Controls Growth, Virulence Potential, and Animal Infection in the Model. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	11
78	Glucuronoxylomannan from Cryptococcus neoformans down-regulates the enzyme 6-phosphofructo-1-kinase of macrophages. *Journal of Biological Chemistry*, **2011**, 286, 14820-9	5.4	11
77	Characterization of an ecto-ATPase activity in Cryptococcus neoformans. *FEMS Yeast Research*, **2005**, 5, 899-907	3.1	11
76	Small Molecule Analysis of Extracellular Vesicles Produced by : Identification of a Tripeptide Controlling Cryptococcal Infection in an Invertebrate Host Model. *Frontiers in Immunology*, **2021**, 12, 654574	8.4	11

75	Virulence Factors as Targets for Anticryptococcal Therapy. *Journal of Fungi (Basel, Switzerland)*, **2016**, 2,	5.6	11
74	The paradoxical and still obscure properties of fungal extracellular vesicles. *Molecular Immunology*, **2021**, 135, 137-146	4.3	11
73	Phosphorus-rich structures and capsular architecture in Cryptococcus neoformans. *Future Microbiology*, **2017**, 12, 227-238	2.9	10
72	What Is New? Recent Knowledge on Fungal Extracellular Vesicles. *Current Fungal Infection Reports*, **2017**, 11, 141-147	1.4	10
71	A Predicted Mannoprotein Participates in Capsular Structure. *MSphere*, **2018**, 3,	5	10
70	Changes of sialomolecules during the dimethylsulfoxide-induced differentiation of Herpetomonas samuelpessoai. *Parasitology Research*, **2002**, 88, 951-5	2.4	10
69	extracellular vesicles properties and their use as vaccine platforms. *Journal of Extracellular Vesicles*, **2021**, 10, e12129	16.4	10
68	The benefits of scientific mobility and international collaboration. *FEMS Microbiology Letters*, **2016**, 363,	2.9	9
67	Deciphering Fungal Extracellular Vesicles: From Cell Biology to Pathogenesis. *Current Clinical Microbiology Reports*, **2019**, 6, 89-97	3.1	9
66	Pathogenic diversity amongst serotype C VGIII and VGIV Cryptococcus gattii isolates. *Scientific Reports*, **2015**, 5, 11717	4.9	9
65	Research trends on pathogenic Cryptococcus species in the last 20 years: a global analysis with focus on Brazil. *Future Microbiology*, **2012**, 7, 319-29	2.9	9
64	Host membrane glycosphingolipids and lipid microdomains facilitate Histoplasma capsulatum internalisation by macrophages. *Cellular Microbiology*, **2019**, 21, e12976	3.9	9
63	Role of lipid transporters in fungal physiology and pathogenicity. *Computational and Structural Biotechnology Journal*, **2019**, 17, 1278-1289	6.8	8
62	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis. *PLoS ONE*, **2020**, 15, e0229630	3.7	8
61	Lack of chitin synthase genes impacts capsular architecture and cellular physiology in. *Cell Surface*, **2018**, 2, 14-23	4.8	8
60	Calcium signaling components in the human pathogen: Cryptococcus neoformans. *Communicative and Integrative Biology*, **2011**, 4, 186-7	1.7	8
59	Revisiting Cryptococcus extracellular vesicles properties and their use as vaccine platforms		8
58	Future perspectives for cryptococcosis treatment. *Expert Opinion on Therapeutic Patents*, **2018**, 28, 625-634		7

57	Extracellular Vesicles as Vehicles for the Delivery of Biologically Active Fungal Molecules. *Current Protein and Peptide Science*, **2019**, 20, 1027-1036	2.8	7
56	Omics Approaches for Understanding Biogenesis, Composition and Functions of Fungal Extracellular Vesicles. *Frontiers in Genetics*, **2021**, 12, 648524	4.5	7
55	Hypervirulence and cross-resistance to a clinical antifungal are induced by an environmental fungicide in Cryptococcus gattii. *Science of the Total Environment*, **2020**, 740, 140135	10.2	6
54	Ceramide glycosylation and fatty acid hydroxylation influence serological reactivity in Trypanosoma cruzi glycosphingolipids. *FEMS Microbiology Letters*, **2005**, 244, 47-52	2.9	6
53	The Architecture and Antigenic Composition of the Polysaccharide Capsule43-54		6
52	Pathogenic Delivery: The Biological Roles of Cryptococcal Extracellular Vesicles. *Pathogens*, **2020**, 9,	4.5	6
51	Fungal Extracellular Vesicles Are Involved in Intraspecies Intracellular Communication.. *MBio*, **2022**, e0327821	7.8	5
50	Participation of Zip3, a ZIP domain-containing protein, in stress response and virulence in Cryptococcus gattii. *Fungal Genetics and Biology*, **2020**, 144, 103438	3.9	5
49	Comparative molecular and immunoregulatory analysis of extracellular vesicles from Candida albicans and Candida auris		4
48	The Overlooked Glycan Components of the Cryptococcus Capsule. *Current Topics in Microbiology and Immunology*, **2019**, 422, 31-43	3.3	4
47	Comparative Molecular and Immunoregulatory Analysis of Extracellular Vesicles from Candida albicans and Candida auris. *MSystems*, **2021**, 6, e0082221	7.6	4
46	Polysaccharide diversity in VNI isolates of Cryptococcus neoformans from Roraima, Northern Brazil. *Fungal Biology*, **2019**, 123, 699-708	2.8	3
45	Exploiting Lipids to Develop Anticryptococcal Vaccines. *Current Tropical Medicine Reports*, **2019**, 6, 55-635		3
44	Scanning electron microscopy and machine learning reveal heterogeneity in capsular morphotypes of the human pathogen Cryptococcus spp. *Scientific Reports*, **2020**, 10, 2362	4.9	3
43	Warfare and defense: The host response to Cryptococcus infection. *Fungal Biology Reviews*, **2018**, 32, 35-51	6.8	3
42	Sophisticated Functions for a Simple Molecule: The Role of Glucosylceramides in Fungal Cells. *Lipid Insights*, **2008**, 2, LPI.S1014	1	3
41	Repurposing benzimidazoles to fight Cryptococcus. *Fungal Biology Reviews*, **2021**, 37, 27-40	6.8	3
40	The Einstein-Brazil Fogarty: A decade of synergy. *Brazilian Journal of Microbiology*, **2015**, 46, 945-55	2.2	2

39	Structural and Functional Aspects of Fungal Glycosphingolipids. *Studies in Natural Products Chemistry*, **2006**, 1025-1055	1.5	2
38	P-Type ATPase Apt1 of the Fungal Pathogen Is a Lipid Flippase of Broad Substrate Specificity. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	2
37	The still obscure attributes of cryptococcal glucuronoxylomannan. *Medical Mycology*,1-7	3.9	2
36	Characterization of extracellular vesicles produced byAspergillus fumigatusprotoplasts		2
35	Integrated transcriptional analysis of the cellular and extracellular vesicle RNA content of Candida auris in response to caspofungin		2
34	Extracellular vesicle-mediated RNA release inHistoplasma capsulatum		2
33	Pyrifenox, an ergosterol inhibitor, differentially affects Cryptococcus neoformans and Cryptococcus gattii. *Medical Mycology*, **2020**, 58, 928-937	3.9	2
32	Population genomic analysis of Cryptococcus Brazilian isolates reveals an African type subclade distribution. *G3: Genes, Genomes, Genetics*, **2021**,	3.2	2
31	Transcriptional and translational landscape of in response to caspofungin. *Computational and Structural Biotechnology Journal*, **2021**, 19, 5264-5277	6.8	2
30	Extracellular vesicles regulate yeast growth, biofilm formation, and yeast-to-hypha differentiation in Candida albicans		2
29	A glucuronoxylomannan-like glycan produced by Trichosporon mucoides. *Fungal Genetics and Biology*, **2018**, 121, 46-55	3.9	2
28	Analysis of Cryptococcal Extracellular Vesicles: Experimental Approaches for Studying Their Diversity Among Multiple Isolates, Kinetics of Production, Methods of Separation, and Detection in Cultures of Titan Cells. *Microbiology Spectrum*, **2021**, 9, e0012521	8.9	2
27	Extracellular Vesicles Regulate Biofilm Formation and Yeast-to-Hypha Differentiation in Candida albicans.. *MBio*, **2022**, e0030122	7.8	2
26	Surface architecture of fungal pathogens. *Frontiers in Microbiology*, **2012**, 3, 80	5.7	1
25	From fundamental biology to the search for innovation: The story of fungal extracellular vesicles.. *European Journal of Cell Biology*, **2022**, 101, 151205	6.1	1
24	A UBI 31-38 Peptide-coumarin Conjugate: Photophysical Features, Imaging Tracking and Synergism with Amphotericin B Against Cryptococcus. *Current Topics in Medicinal Chemistry*, **2018**, 18, 157-163	3	1
23	A novel protocol for the isolation of fungal extracellular vesicles reveals the participation of a putative scramblase in polysaccharide export and capsule construction in Cryptococcus gattii.		1
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6	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis **2020**, 15, e0229630		
5	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis **2020**, 15, e0229630		
4	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis **2020**, 15, e0229630		

List of Publications

3	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis **2020**, 15, e0229630	
2	A screening of the MMV Pathogen Box reveals new potential antifungal drugs against the etiologic agents of chromoblastomycosis **2020**, 15, e0229630	
1	Isolation of Extracellular Vesicles from Candida auris. *Methods in Molecular Biology*, **2022**, 173-178	1.4