Allan J Guimaraes

List of Publications by Year
in descending order

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75 papers	2,438 citations	186265 28 h-index	214800 47 g-index
79 all docs	79 docs citations	79 times ranked	2415 citing authors

#	Article	IF	Citations
1	Compositional and immunobiological analyses of extracellular vesicles released byCandida albicans. Cellular Microbiology, 2015, 17, 389-407.	2.1	242
2	Characterization of Yeast Extracellular Vesicles: Evidence for the Participation of Different Pathways of Cellular Traffic in Vesicle Biogenesis. PLoS ONE, 2010, 5, e11113.	2.5	215
3	Diagnosis of histoplasmosis. Brazilian Journal of Microbiology, 2006, 37, 1-13.	2.0	156
4	Monoclonal Antibodies to Heat Shock Protein 60 Alter the Pathogenesis ofHistoplasma capsulatum. Infection and Immunity, 2009, 77, 1357-1367.	2.2	120
5	Acanthamoeba spp. as a universal host for pathogenic microorganisms: One bridge from environment to host virulence. Microbiological Research, 2016, 193, 30-38.	5.3	112
6	Phospholipids Trigger Cryptococcus neoformans Capsular Enlargement during Interactions with Amoebae and Macrophages. PLoS Pathogens, 2011, 7, e1002047.	4.7	103
7	PCR Assay for Identification of Histoplasma capsulatum Based on the Nucleotide Sequence of the M Antigen. Journal of Clinical Microbiology, 2003, 41, 535-539.	3.9	70
8	Extracellular vesicles and vesicle-free secretome of the protozoa Acanthamoeba castellanii under homeostasis and nutritional stress and their damaging potential to host cells. Virulence, 2018, 9, 818-836.	4.4	68
9	Galleria mellonellaas a model host to studyParacoccidioides lutziiandHistoplasma capsulatum. Virulence, 2013, 4, 139-146.	4.4	65
10	The â€˜Amoeboid Predator-Fungal Animal Virulenceâ€™ Hypothesis. Journal of Fungi (Basel, Switzerland), 2019, 5, 10.	3.5	63
11	Evidence for branching in cryptococcal capsular polysaccharides and consequences on its biological activity. Molecular Microbiology, 2011, 79, 1101-1117.	2.5	60
12	The occurrence of histoplasmosis in Brazil: A systematic review. International Journal of Infectious Diseases, 2019, 86, 147-156.	3.3	52
13	Protective effect of fungal extracellular vesicles against murine candidiasis. Cellular Microbiology, 2020, 22, e13238.	2.1	51
14	Surface architecture of Histoplasma capsulatum. Frontiers in Microbiology, 2011, 2, 225.	3.5	50
15	Cryptococcus neoformans responds to mannitol by increasing capsule size in vitro and in vivo. Cellular Microbiology, 2010, 12, 740-753.	2.1	47
16	Chronological Aging Is Associated with Biophysical and Chemical Changes in the Capsule of Cryptococcus neoformans. Infection and Immunity, 2011, 79, 4990-5000.	2.2	45
17	Membrane Cholesterol Removal Changes Mechanical Properties of Cells and Induces Secretion of a Specific Pool of Lysosomes. PLoS ONE, 2013, 8, e82988.	2.5	45
18	Biological Function and Molecular Mapping of M Antigen in Yeast Phase of Histoplasma capsulatum. PLoS ONE, 2008, 3, e3449.	2.5	43

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19	Histoplasma capsulatum Heat-Shock 60 Orchestrates the Adaptation of the Fungus to Temperature Stress. PLoS ONE, 2011, 6, e14660.	2.5	42
20	Toward Developing a Universal Treatment for Fungal Disease Using Radioimmunotherapy Targeting Common Fungal Antigens. Mycopathologia, 2012, 173, 463-471.	3.1	42
21	Biogenesis of extracellular vesicles in yeast. Communicative and Integrative Biology, 2010, 3, 533-535.	1.4	41
22	ELISA for early diagnosis of histoplasmosis. Journal of Medical Microbiology, 2004, 53, 509-514.	1.8	40
23	Methamphetamine administration modifies leukocyte proliferation and cytokine production in murine tissues. Immunobiology, 2013, 218, 1063-1068.	1.9	40
24	Radioimmunotherapy of Experimental Human Metastatic Melanoma with Melanin-Binding Antibodies and in Combination with Dacarbazine. Clinical Cancer Research, 2009, 15, 2373-2379.	7.0	34
25	Characterization of the antifungal functions of a WGA-Fc (IgG2a) fusion protein binding to cell wall chitin oligomers. Scientific Reports, 2017, 7, 12187.	3.3	34
26	Agglutination ofHistoplasma capsulatumby IgG Monoclonal Antibodies against Hsp60 Impacts Macrophage Effector Functions. Infection and Immunity, 2011, 79, 918-927.	2.2	31
27	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.	2.1	31
28	The gene cluster of aureocyclicin 4185: the first cyclic bacteriocin of Staphylococcus aureus. Microbiology (United Kingdom), 2014, 160, 917-928.	1.8	30
29	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. PLoS Neglected Tropical Diseases, 2019, 13, e0007742.	3.0	30
30	Methamphetamine Alters the Antimicrobial Efficacy of Phagocytic Cells during Methicillin-Resistant Staphylococcus aureus Skin Infection. MBio, 2015, 6, e01622-15.	4.1	29
31	Monoclonal Antibodies Against Peptidorhamnomannans of Scedosporium apiospermum Enhance the Pathogenicity of the Fungus. PLoS Neglected Tropical Diseases, 2010, 4, e853.	3.0	28
32	Chitin-Like Molecules Associate with Cryptococcus neoformans Glucuronoxylomannan To Form a Glycan Complex with Previously Unknown Properties. Eukaryotic Cell, 2012, 11, 1086-1094.	3.4	28
33	Enhanced virulence of Histoplasma capsulatum through transfer and surface incorporation of glycans from Cryptococcus neoformans during co-infection. Scientific Reports, 2016, 6, 21765.	3.3	26
34	Extracellular Vesicles Regulate Biofilm Formation and Yeast-to-Hypha Differentiation in Candida albicans. MBio, 2022, 13, e0030122.	4.1	24
35	Antibody Therapy for Histoplasmosis. Frontiers in Microbiology, 2012, 3, 21.	3.5	23
36	A Paracoccidioides brasiliensis glycan shares serologic and functional properties with cryptococcal glucuronoxylomannan. Fungal Genetics and Biology, 2012, 49, 943-954.	2.1	22

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37	Unravelling the interactions of the environmental hostAcanthamoeba castellaniiwith fungi through the recognition by mannoseâ€binding proteins. Cellular Microbiology, 2019, 21, e13066.	2.1	22
38	Evaluation of an enzyme-linked immunosorbent assay using purified, deglycosylated histoplasmin for different clinical manifestations of histoplasmosis. Mental Illness, 2010, 1, 2.	0.8	19
39	Aggregation of Streptococcus pneumoniae by a Pneumococcal Capsular Polysaccharide-Specific Human Monoclonal IgM Correlates with Antibody Efficacy In Vivo. Vaccine Journal, 2010, 17, 713-721.	3.1	17
40	Host membrane glycosphingolipids and lipid microdomains facilitateHistoplasma capsulatuminternalisation by macrophages. Cellular Microbiology, 2019, 21, e12976.	2.1	17
41	A Histoplasma capsulatum -Specific IgG1 Isotype Monoclonal Antibody, H1C, to a 70-Kilodalton Cell Surface Protein Is Not Protective in Murine Histoplasmosis. Vaccine Journal, 2010, 17, 1155-1158.	3.1	15
42	Extracellular Vesicles from the Protozoa Acanthamoeba castellanii: Their Role in Pathogenesis, Environmental Adaptation and Potential Applications. Bioengineering, 2019, 6, 13.	3.5	15
43	Coinfection of domestic felines by distinct Sporothrix brasiliensis in the Brazilian sporotrichosis hyperendemic area. Fungal Genetics and Biology, 2020, 140, 103397.	2.1	15
44	An interferon gamma release assay specific for Histoplasma capsulatum to detect asymptomatic infected individuals: A proof of concept study. Medical Mycology, 2019, 57, 724-732.	0.7	13
45	Transcriptome profile of the murine macrophage cell response to Candida parapsilosis. Fungal Genetics and Biology, 2014, 65, 48-56.	2.1	12
46	Immunoproteomics Reveals Pathogenâ€™s Antigens Involved in Homo sapiensâ€“Histoplasma capsulatum Interaction and Specific Linear B-Cell Epitopes in Histoplasmosis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 591121.	3.9	12
47	Complex and Controversial Roles of Eicosanoids in Fungal Pathogenesis. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	12
48	Silver chitosan nanocomposites as a potential treatment for superficial candidiasis. Medical Mycology, 2021, 59, 993-1005.	0.7	11
49	Antifungal Activity of Acylhydrazone Derivatives against Sporothrix spp.. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	9
50	Genomic Diversity Analysis Reveals a Strong Population Structure in Histoplasma capsulatum LAmA (Histoplasma suramericanum). Journal of Fungi (Basel, Switzerland), 2021, 7, 865.	3.5	9
51	â€œFeast-Fit-Fist-Featâ€: Overview of Free-living Amoeba Interactions with Fungi and Virulence as a Foundation for Success in Battle. Current Tropical Medicine Reports, 2021, 8, 18-31.	3.7	7
52	Structure and physiology of giant DNA viruses. Current Opinion in Virology, 2021, 49, 58-67.	5.4	7
53	Protective Efficacy of Lectin-Fc(IgG) Fusion Proteins In Vitro and in a Pulmonary Aspergillosis In Vivo Model. Journal of Fungi (Basel, Switzerland), 2020, 6, 250.	3.5	6
54	Silver Chitosan Nanocomposites are Effective to Combat Sporotrichosis. Frontiers in Nanotechnology, 2022, 4, .	4.8	6

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55	Passive Administration of Monoclonal Antibodies Against H. capsulatum and Others Fungal Pathogens. Journal of Visualized Experiments, 2011, , .	0.3	5
56	Histoplasma capsulatum Glycans From Distinct Genotypes Share Structural and Serological Similarities to Cryptococcus neoformans Glucuronoxylomannan. Frontiers in Cellular and Infection Microbiology, 2020, 10, 565571.	3.9	4
57	Recognition of Cell Wall Mannosylated Components as a Conserved Feature for Fungal Entrance, Adaptation and Survival Within Trophozoites of Acanthamoeba castellanii and Murine Macrophages. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	3.9	4
58	Current Aspects of Diagnosis and Therapeutics of Histoplasmosis and Future Trends: Moving onto a New Immune (Diagnosis and Therapeutic) Era?. Current Clinical Microbiology Reports, 2019, 6, 98-107.	3.4	3
59	Host cell membrane microdomains and fungal infection. Cellular Microbiology, 2021, 23, e13385.	2.1	3
60	Multiplex polymerase chain reaction as an improved method for screening Histoplasma capsulatum mating types. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180340.	1.6	2
61	Identifying molecularly defined antigens for a Histoplasma capsulatum-specific interferon gamma release assay. Revista Iberoamericana De Micologia, 2019, 36, 186-191.	0.9	2
62	Dexamethasone and Methylprednisolone Promote Cell Proliferation, Capsule Enlargement, and in vivo Dissemination of C. neoformans. Frontiers in Fungal Biology, 2021, 2, .	2.0	2
63	Comparative Proteomic Analysis of Histoplasma capsulatum Yeast and Mycelium Reveals Differential Metabolic Shifts and Cell Wall Remodeling Processes in the Different Morphotypes. Frontiers in Microbiology, 2021, 12, 640931.	3.5	2
64	Fungal Extracellular Vesicles. , 2018, , 333-333.		0
65	Histoplasma. , 2021, , 624-628.		0
66	Editorial: Immunity to Fungal Infections: Insights From the Innate Immune Recognition and Antifungal Effector Mechanisms. Frontiers in Microbiology, 2021, 12, 714013.	3.5	0
67	- Fonsecaea. , 2011, , 282-289.		0
68	Histoplasma capsulatum Chaperonin 60: A Novel Adhesin and Vaccine Candidate. Heat Shock Proteins, 2013, , 189-202.	0.2	0
69	Evaluation of antifungal properties of the chimeric protein WGA-Fc against the fungal cell wall. , 2016, , .		0
70	Purification and evaluation of antifungal properties of lectin-Fc proteins against Aspergillus fumigatus. , 2019, , .		0
71	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
72	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0

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73	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
74	A hidden battle in the dirt: Soil amoebae interactions with Paracoccidioides spp. , 2019, 13, e0007742.		0
75	Mimiviruses Interfere With IÎºBÎ± Degradation. Frontiers in Virology, 0, 2, .	1.4	0