

# 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	Silver Chitosan Nanocomposites are Effective to Combat Sporotrichosis. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	4.8	6
2	Extracellular Vesicles Regulate Biofilm Formation and Yeast-to-Hypha Differentiation in <i>Candida albicans</i> . <i>MBio</i> , 2022, 13, e0030122.	4.1	24
3	Recognition of Cell Wall Mannosylated Components as a Conserved Feature for Fungal Entrance, Adaptation and Survival Within Trophozoites of <i>Acanthamoeba castellanii</i> and Murine Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	4
4	“Feast-Fit-Fist-Feat” Overview of Free-living Amoeba Interactions with Fungi and Virulence as a Foundation for Success in Battle. <i>Current Tropical Medicine Reports</i> , 2021, 8, 18-31.	3.7	7
5	<i>Histoplasma</i> . , 2021, , 624-628.		0
6	Dexamethasone and Methylprednisolone Promote Cell Proliferation, Capsule Enlargement, and in vivo Dissemination of <i>C. neoformans</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	2
7	Complex and Controversial Roles of Eicosanoids in Fungal Pathogenesis. <i>Journal of Fungi (Basel)</i> , Tj ETQq1 1 0.784314 rgBT /Overlock 12	3.5	12
8	Antifungal Activity of Acylhydrazone Derivatives against <i>Sporothrix</i> spp.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	9
9	Silver chitosan nanocomposites as a potential treatment for superficial candidiasis. <i>Medical Mycology</i> , 2021, 59, 993-1005.	0.7	11
10	Comparative Proteomic Analysis of <i>Histoplasma capsulatum</i> Yeast and Mycelium Reveals Differential Metabolic Shifts and Cell Wall Remodeling Processes in the Different Morphotypes. <i>Frontiers in Microbiology</i> , 2021, 12, 640931.	3.5	2
11	Editorial: Immunity to Fungal Infections: Insights From the Innate Immune Recognition and Antifungal Effector Mechanisms. <i>Frontiers in Microbiology</i> , 2021, 12, 714013.	3.5	0
12	Host cell membrane microdomains and fungal infection. <i>Cellular Microbiology</i> , 2021, 23, e13385.	2.1	3
13	Structure and physiology of giant DNA viruses. <i>Current Opinion in Virology</i> , 2021, 49, 58-67.	5.4	7
14	Genomic Diversity Analysis Reveals a Strong Population Structure in <i>Histoplasma capsulatum</i> LAmA ( <i>Histoplasma suramericanum</i> ). <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 865.	3.5	9
15	Protective Efficacy of Lectin-Fc(IgG) Fusion Proteins In Vitro and in a Pulmonary Aspergillosis In Vivo Model. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 250.	3.5	6
16	Immunoproteomics Reveals Pathogen’s Antigens Involved in <i>Homo sapiens</i> – <i>Histoplasma capsulatum</i> Interaction and Specific Linear B-Cell Epitopes in Histoplasmosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 591121.	3.9	12
17	Protective effect of fungal extracellular vesicles against murine candidiasis. <i>Cellular Microbiology</i> , 2020, 22, e13238.	2.1	51
18	Coinfection of domestic felines by distinct <i>Sporothrix brasiliensis</i> in the Brazilian sporotrichosis hyperendemic area. <i>Fungal Genetics and Biology</i> , 2020, 140, 103397.	2.1	15

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19	Histoplasma capsulatum Glycans From Distinct Genotypes Share Structural and Serological Similarities to Cryptococcus neoformans Glucuronoxylomannan. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 565571.	3.9	4
20	Host membrane glycosphingolipids and lipid microdomains facilitate <i>Histoplasma capsulatum</i> internalisation by macrophages. <i>Cellular Microbiology</i> , 2019, 21, e12976.	2.1	17
21	The occurrence of histoplasmosis in Brazil: A systematic review. <i>International Journal of Infectious Diseases</i> , 2019, 86, 147-156.	3.3	52
22	Current Aspects of Diagnosis and Therapeutics of Histoplasmosis and Future Trends: Moving onto a New Immune (Diagnosis and Therapeutic) Era?. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 98-107.	3.4	3
23	A hidden battle in the dirt: Soil amoebae interactions with <i>Paracoccidioides</i> spp. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007742.	3.0	30
24	The "Amoeboid Predator-Fungal Animal Virulence" Hypothesis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 10.	3.5	63
25	Unravelling the interactions of the environmental host <i>Acanthamoeba castellanii</i> with fungi through the recognition by mannose-binding proteins. <i>Cellular Microbiology</i> , 2019, 21, e13066.	2.1	22
26	Extracellular Vesicles from the Protozoa <i>Acanthamoeba castellanii</i> : Their Role in Pathogenesis, Environmental Adaptation and Potential Applications. <i>Bioengineering</i> , 2019, 6, 13.	3.5	15
27	Identifying molecularly defined antigens for a <i>Histoplasma capsulatum</i> -specific interferon gamma release assay. <i>Revista Iberoamericana De Micologia</i> , 2019, 36, 186-191.	0.9	2
28	An interferon gamma release assay specific for <i>Histoplasma capsulatum</i> to detect asymptomatic infected individuals: A proof of concept study. <i>Medical Mycology</i> , 2019, 57, 724-732.	0.7	13
29	Purification and evaluation of antifungal properties of lectin-Fc proteins against <i>Aspergillus fumigatus</i> . , 2019, , .		0
30	A hidden battle in the dirt: Soil amoebae interactions with <i>Paracoccidioides</i> spp. , 2019, 13, e0007742.		0
31	A hidden battle in the dirt: Soil amoebae interactions with <i>Paracoccidioides</i> spp. , 2019, 13, e0007742.		0
32	A hidden battle in the dirt: Soil amoebae interactions with <i>Paracoccidioides</i> spp. , 2019, 13, e0007742.		0
33	A hidden battle in the dirt: Soil amoebae interactions with <i>Paracoccidioides</i> spp. , 2019, 13, e0007742.		0
34	Extracellular vesicles and vesicle-free secretome of the protozoa <i>Acanthamoeba castellanii</i> under homeostasis and nutritional stress and their damaging potential to host cells. <i>Virulence</i> , 2018, 9, 818-836.	4.4	68
35	Fungal Extracellular Vesicles. , 2018, , 333-333.		0
36	Multiplex polymerase chain reaction as an improved method for screening <i>Histoplasma capsulatum</i> mating types. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180340.	1.6	2

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37	Characterization of the antifungal functions of a WGA-Fc (IgG2a) fusion protein binding to cell wall chitin oligomers. <i>Scientific Reports</i> , 2017, 7, 12187.	3.3	34
38	<i>Acanthamoeba</i> spp. as a universal host for pathogenic microorganisms: One bridge from environment to host virulence. <i>Microbiological Research</i> , 2016, 193, 30-38.	5.3	112
39	Enhanced virulence of <i>Histoplasma capsulatum</i> through transfer and surface incorporation of glycans from <i>Cryptococcus neoformans</i> during co-infection. <i>Scientific Reports</i> , 2016, 6, 21765.	3.3	26
40	Evaluation of antifungal properties of the chimeric protein WGA-Fc against the fungal cell wall. , 2016, , .		0
41	Methamphetamine Alters the Antimicrobial Efficacy of Phagocytic Cells during Methicillin-Resistant <i>Staphylococcus aureus</i> Skin Infection. <i>MBio</i> , 2015, 6, e01622-15.	4.1	29
42	Compositional and immunobiological analyses of extracellular vesicles released by <i>Candida albicans</i> . <i>Cellular Microbiology</i> , 2015, 17, 389-407.	2.1	242
43	Transcriptome profile of the murine macrophage cell response to <i>Candida parapsilosis</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 48-56.	2.1	12
44	The gene cluster of aureocyclicin 4185: the first cyclic bacteriocin of <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 917-928.	1.8	30
45	Methamphetamine administration modifies leukocyte proliferation and cytokine production in murine tissues. <i>Immunobiology</i> , 2013, 218, 1063-1068.	1.9	40
46	<i>Galleria mellonella</i> as a model host to study <i>Paracoccidioides lutzii</i> and <i>Histoplasma capsulatum</i> . <i>Virulence</i> , 2013, 4, 139-146.	4.4	65
47	Binding of the wheat germ lectin to <i>Cryptococcus neoformans</i> chito oligomers affects multiple mechanisms required for fungal pathogenesis. <i>Fungal Genetics and Biology</i> , 2013, 60, 64-73.	2.1	31
48	Membrane Cholesterol Removal Changes Mechanical Properties of Cells and Induces Secretion of a Specific Pool of Lysosomes. <i>PLoS ONE</i> , 2013, 8, e82988.	2.5	45
49	<i>Histoplasma capsulatum</i> Chaperonin 60: A Novel Adhesin and Vaccine Candidate. <i>Heat Shock Proteins</i> , 2013, , 189-202.	0.2	0
50	Chitin-Like Molecules Associate with <i>Cryptococcus neoformans</i> Glucuronoxylomannan To Form a Glycan Complex with Previously Unknown Properties. <i>Eukaryotic Cell</i> , 2012, 11, 1086-1094.	3.4	28
51	A <i>Paracoccidioides brasiliensis</i> glycan shares serologic and functional properties with cryptococcal glucuronoxylomannan. <i>Fungal Genetics and Biology</i> , 2012, 49, 943-954.	2.1	22
52	Antibody Therapy for Histoplasmosis. <i>Frontiers in Microbiology</i> , 2012, 3, 21.	3.5	23
53	Toward Developing a Universal Treatment for Fungal Disease Using Radioimmunotherapy Targeting Common Fungal Antigens. <i>Mycopathologia</i> , 2012, 173, 463-471.	3.1	42
54	Surface architecture of <i>Histoplasma capsulatum</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 225.	3.5	50

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55	Histoplasma capsulatum Heat-Shock 60 Orchestrates the Adaptation of the Fungus to Temperature Stress. PLoS ONE, 2011, 6, e14660.	2.5	42
56	Passive Administration of Monoclonal Antibodies Against <i>H. capsulatum</i> and Others Fungal Pathogens. Journal of Visualized Experiments, 2011, , .	0.3	5
57	Evidence for branching in cryptococcal capsular polysaccharides and consequences on its biological activity. Molecular Microbiology, 2011, 79, 1101-1117.	2.5	60
58	Agglutination of <i>Histoplasma capsulatum</i> by IgG Monoclonal Antibodies against Hsp60 Impacts Macrophage Effector Functions. Infection and Immunity, 2011, 79, 918-927.	2.2	31
59	Phospholipids Trigger Cryptococcus neoformans Capsular Enlargement during Interactions with Amoebae and Macrophages. PLoS Pathogens, 2011, 7, e1002047.	4.7	103
60	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
61	- Fonsecaea. , 2011, , 282-289.		0
62	Cryptococcus neoformans responds to mannitol by increasing capsule size in vitro and in vivo. Cellular Microbiology, 2010, 12, 740-753.	2.1	47
63	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
64	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
65	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
66	Monoclonal Antibodies Against Peptidorhamnomannans of Scedosporium apiospermum Enhance the Pathogenicity of the Fungus. PLoS Neglected Tropical Diseases, 2010, 4, e853.	3.0	28
67	Biogenesis of extracellular vesicles in yeast. Communicative and Integrative Biology, 2010, 3, 533-535.	1.4	41
68	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
69	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
70	Monoclonal Antibodies to Heat Shock Protein 60 Alter the Pathogenesis of <i>Histoplasma capsulatum</i> . Infection and Immunity, 2009, 77, 1357-1367.	2.2	120
71	Biological Function and Molecular Mapping of M Antigen in Yeast Phase of Histoplasma capsulatum. PLoS ONE, 2008, 3, e3449.	2.5	43
72	Diagnosis of histoplasmosis. Brazilian Journal of Microbiology, 2006, 37, 1-13.	2.0	156

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73	ELISA for early diagnosis of histoplasmosis. <i>Journal of Medical Microbiology</i> , 2004, 53, 509-514.	1.8	40
74	PCR Assay for Identification of <i>Histoplasma capsulatum</i> Based on the Nucleotide Sequence of the M Antigen. <i>Journal of Clinical Microbiology</i> , 2003, 41, 535-539.	3.9	70
75	Mimiviruses Interfere With $\beta$ Degradation. <i>Frontiers in Virology</i> , 0, 2, .	1.4	0