

# Juan Guillermo McEwen

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,673  
citations

186265

28  
h-index

182427

51  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> in the homeless population of Medellín, Colombia: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e054966.	1.9	1
2	Hypertension and the roles of the 9p21.3 risk locus: Classic findings and new association data. <i>International Journal of Cardiology: Hypertension</i> , 2020, 7, 100050.	2.2	3
3	Draft Genome Sequences of Clinical and Environmental Isolates of <i>Aspergillus tamarii</i> from Colombia. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
4	Molecular epidemiology of Colombian <i>Histoplasma capsulatum</i> isolates obtained from human and chicken manure samples. <i>Heliyon</i> , 2019, 5, e02084.	3.2	11
5	The LUFS domain, its transcriptional regulator proteins, and drug resistance in the fungal pathogen <i>Candida auris</i> . <i>Protein Science</i> , 2019, 28, 2024-2029.	7.6	14
6	Down-regulation of TUFM impairs host cell interaction and virulence by <i>Paracoccidioides brasiliensis</i> . <i>Scientific Reports</i> , 2019, 9, 17206.	3.3	10
7	Genome analysis reveals evolutionary mechanisms of adaptation in systemic dimorphic fungi. <i>Scientific Reports</i> , 2018, 8, 4473.	3.3	28
8	Draft Genome Sequences of Two <i>Sporothrix schenckii</i> Clinical Isolates Associated with Human Sporotrichosis in Colombia. <i>Genome Announcements</i> , 2018, 6, .	0.8	10
9	<i>Paracoccidioides</i> spp. catalases and their role in antioxidant defense against host defense responses. <i>Fungal Genetics and Biology</i> , 2017, 100, 22-32.	2.1	16
10	Novel taxa of thermally dimorphic systemic pathogens in the <i>Ajellomycetaceae</i> ( <i>Onygenales</i> ). <i>Mycoses</i> , 2017, 60, 296-309.	4.0	111
11	Species boundaries in the human pathogen <i>Paracoccidioides</i> . <i>Fungal Genetics and Biology</i> , 2017, 106, 9-25.	2.1	228
12	Toward Multiple SNP Motif Analyses of Loci Associated With Phenotypic Traits. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1539-1540.	2.8	1
13	Genome Diversity, Recombination, and Virulence across the Major Lineages of <i>Paracoccidioides</i> . <i>MSphere</i> , 2016, 1, .	2.9	109
14	Decreased expression of 14-3-3 in <i>Paracoccidioides brasiliensis</i> confirms its involvement in fungal pathogenesis. <i>Virulence</i> , 2016, 7, 72-84.	4.4	33
15	From NGS assembly challenges to instability of fungal mitochondrial genomes: A case study in genome complexity. <i>Computational Biology and Chemistry</i> , 2016, 61, 258-269.	2.3	13
16	Identification and Analysis of the Role of Superoxide Dismutases Isoforms in the Pathogenesis of <i>Paracoccidioides</i> spp.. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004481.	3.0	58
17	The Dynamic Genome and Transcriptome of the Human Fungal Pathogen <i>Blastomyces</i> and Close Relative <i>Emmonsia</i> . <i>PLoS Genetics</i> , 2015, 11, e1005493.	3.5	57
18	Macrophage Interaction with <i>Paracoccidioides brasiliensis</i> Yeast Cells Modulates Fungal Metabolism and Generates a Response to Oxidative Stress. <i>PLoS ONE</i> , 2015, 10, e0137619.	2.5	79

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19	Insulin Resistance and Beat-to-Beat Cardiovascular Dynamics: A Constant Relationship Across Different Body Mass Index and Blood Pressure Categories. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 569-577.	3.6	3
20	Alternative oxidase plays an important role in <i>Paracoccidioides brasiliensis</i> cellular homeostasis and morphological transition. <i>Medical Mycology</i> , 2015, 53, 205-214.	0.7	16
21	The response of <i>Paracoccidioides</i> spp. to nitrosative stress. <i>Microbes and Infection</i> , 2015, 17, 575-585.	1.9	31
22	Hemoglobin Uptake by <i>Paracoccidioides</i> spp. Is Receptor-Mediated. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2856.	3.0	66
23	Genome Update of the Dimorphic Human Pathogenic Fungi Causing Paracoccidioidomycosis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3348.	3.0	38
24	<i>Paracoccidioides brasiliensis</i> PbP27 gene: knockdown procedures and functional characterization. <i>FEMS Yeast Research</i> , 2014, 14, 270-280.	2.3	17
25	The complex task of choosing a de novo assembly: Lessons from fungal genomes. <i>Computational Biology and Chemistry</i> , 2014, 53, 97-107.	2.3	6
26	Limits to Sequencing and de novo Assembly: Classic Benchmark Sequences for Optimizing Fungal NGS Designs. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 221-230.	0.6	8
27	The eukaryotic genome, its reads, and the unfinished assembly. <i>FEBS Letters</i> , 2013, 587, 2090-2093.	2.8	3
28	Involvement of the 90kDa heat shock protein during adaptation of <i>Paracoccidioides brasiliensis</i> to different environmental conditions. <i>Fungal Genetics and Biology</i> , 2013, 51, 34-41.	2.1	35
29	Inhibition of PbGP43 Expression May Suggest that gp43 is a Virulence Factor in <i>Paracoccidioides brasiliensis</i> . <i>PLoS ONE</i> , 2013, 8, e68434.	2.5	43
30	RNAi technology targeting PbGP43 and PbP27 in <i>Paracoccidioides brasiliensis</i> . <i>Open Journal of Genetics</i> , 2013, 03, 1-8.	0.1	2
31	The hydrolase PbHAD32 participates in the adherence of <i>Paracoccidioides brasiliensis</i> conidia to epithelial lung cells. <i>Medical Mycology</i> , 2012, 50, 533-537.	0.7	17
32	Análisis de la cinética de expresión de genes durante la transición de micelio a levadura y la germinación levadura a micelio en <i>Paracoccidioides brasiliensis</i> . <i>Biomedica</i> , 2011, 31, 570.	0.7	0
33	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. <i>PLoS Genetics</i> , 2011, 7, e1002345.	3.5	164
34	Alternative Oxidase Mediates Pathogen Resistance in <i>Paracoccidioides brasiliensis</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1353.	3.0	51
35	The human fungal pathogen <i>Paracoccidioides brasiliensis</i> (Onygenales: Ajellomycetaceae) is a complex of two species: phylogenetic evidence from five mitochondrial markers. <i>Cladistics</i> , 2010, 26, 613-624.	3.3	37
36	A 32-Kilodalton Hydrolase Plays an Important Role in <i>Paracoccidioides brasiliensis</i> Adherence to Host Cells and Influences Pathogenicity. <i>Infection and Immunity</i> , 2010, 78, 5280-5286.	2.2	43

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37	Gene expression analysis of <i>Paracoccidioides brasiliensis</i> transition from conidium to yeast cell. <i>Medical Mycology</i> , 2010, 48, 147-154.	0.7	19
38	Identificación de algunos genes asociados al proceso de germinación de la conidia al micelio en <i>Paracoccidioides brasiliensis</i> . <i>Biomedica</i> , 2009, 29, 403.	0.7	5
39	<i>Paracoccidioides brasiliensis</i> : phylogenetic and ecological aspects. <i>Mycopathologia</i> , 2008, 165, 197-207.	3.1	78
40	Diversity in <i>Paracoccidioides brasiliensis</i> . The PbGP43 gene as a genetic marker. <i>Mycopathologia</i> , 2008, 165, 275-287.	3.1	30
41	New <i>Paracoccidioides brasiliensis</i> isolate reveals unexpected genomic variability in this human pathogen. <i>Fungal Genetics and Biology</i> , 2008, 45, 605-612.	2.1	116
42	Evidence for Positive Selection in Putative Virulence Factors within the <i>Paracoccidioides brasiliensis</i> Species Complex. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e296.	3.0	45
43	Background selection at the chitin synthase II ( <i>chs2</i> ) locus in <i>Paracoccidioides brasiliensis</i> species complex. <i>Fungal Genetics and Biology</i> , 2007, 44, 357-367.	2.1	14
44	Cryptic Speciation and Recombination in the Fungus <i>Paracoccidioides brasiliensis</i> as Revealed by Gene Genealogies. <i>Molecular Biology and Evolution</i> , 2006, 23, 65-73.	8.9	312
45	Microsatellite Analysis of Three Phylogenetic Species of <i>Paracoccidioides brasiliensis</i> . <i>Journal of Clinical Microbiology</i> , 2006, 44, 2153-2157.	3.9	80
46	The naked-tailed armadillo <i>Cabassous centralis</i> (Miller 1899): a new host to <i>Paracoccidioides brasiliensis</i> . Molecular identification of the isolate. <i>Medical Mycology</i> , 2005, 43, 275-280.	0.7	62
47	Detection and Selection of Microsatellites in the Genome of <i>Paracoccidioides brasiliensis</i> as Molecular Markers for Clinical and Epidemiological Studies. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5007-5014.	3.9	29
48	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Paracoccidioides brasiliensis</i> . <i>Medical Mycology</i> , 2004, 42, 391-395.	0.7	24
49	Comparison of the Sequences of the Internal Transcribed Spacer Regions and PbGP43 Genes of <i>Paracoccidioides brasiliensis</i> from Patients and Armadillos ( <i>Dasypus novemcinctus</i> ). <i>Journal of Clinical Microbiology</i> , 2003, 41, 5735-5737.	3.9	31
50	Combined Use of <i>Paracoccidioides brasiliensis</i> Recombinant 27-Kilodalton and Purified 87-Kilodalton Antigens in an Enzyme-Linked Immunosorbent Assay for Serodiagnosis of Paracoccidioidomycosis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1536-1542.	3.9	36
51	Electrophoretic Karyotype of Clinical Isolates of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 1997, 21, 223-227.	2.1	26
52	Comparison of Fluconazole and Ketoconazole in Experimental Murine Blastomycosis. <i>Clinical Infectious Diseases</i> , 1990, 12, S304-S306.	5.8	14
53	In Vitro and in Vivo Differentiation of L.Mexicana-Hsp70 Gene Expression. , 1989, , 575-579.		0
54	Nuclear staining of <i>Paracoccidioides brasiliensis</i> conidia. <i>Medical Mycology</i> , 1987, 25, 343-345.	0.7	28

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55	Susceptibility of <i>Paracoccidioides brasiliensis</i> conidia to products of oxidative metabolism. <i>Experimental Mycology</i> , 1987, 11, 241-244.	1.6	2
56	Experimental murine paracoccidioidomycosis induced by the inhalation of conidia. <i>Medical Mycology</i> , 1987, 25, 165-175.	0.7	236
57	Effect of Murine Polymorphonuclear Leukocytes on the Yeast Form of <i>Paracoccidioides Braziliensis</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 1987, 36, 603-608.	1.4	38
58	Pathogenesis of paracoccidioidomycosis: A histopathological study of the experimental murine infection. <i>Mycopathologia</i> , 1986, 94, 133-144.	3.1	23
59	Characteristics of the conidia produced by the mycelial form of <i>Paracoccidioides brasiliensis</i> . <i>Medical Mycology</i> , 1985, 23, 407-414.	0.7	51
60	Study of Current and New Drugs in a Murine Model of Acute Paracoccidioidomycosis *. <i>American Journal of Tropical Medicine and Hygiene</i> , 1985, 34, 134-140.	1.4	10