Juan Guillermo McEwen

List of Publications by Year
in descending order

60	2,673	186265 28	182427 51
papers	citations	h-index	g-index

62	62	62	1685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cryptic Speciation and Recombination in the Fungus Paracoccidioides brasiliensis as Revealed by Gene Genealogies. Molecular Biology and Evolution, 2006, 23, 65-73.	8.9	312
2	Experimental murine paracoccidiodomycosis induced by the inhalation of conidia. Medical Mycology, 1987, 25, 165-175.	0.7	236
3	Species boundaries in the human pathogen Paracoccidioides. Fungal Genetics and Biology, 2017, 106, 9-25.	2.1	228
4	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. PLoS Genetics, 2011, 7, e1002345.	3.5	164
5	New Paracoccidioides brasiliensis isolate reveals unexpected genomic variability in this human pathogen. Fungal Genetics and Biology, 2008, 45, 605-612.	2.1	116
6	Novel taxa of thermally dimorphic systemic pathogens in the Ajellomycetaceae (Onygenales). Mycoses, 2017, 60, 296-309.	4.0	111
7	Genome Diversity, Recombination, and Virulence across the Major Lineages of Paracoccidioides. MSphere, 2016, 1, .	2.9	109
8	Microsatellite Analysis of Three Phylogenetic Species of Paracoccidioides brasiliensis. Journal of Clinical Microbiology, 2006, 44, 2153-2157.	3.9	80
9	Macrophage Interaction with Paracoccidioides brasiliensis Yeast Cells Modulates Fungal Metabolism and Generates a Response to Oxidative Stress. PLoS ONE, 2015, 10, e0137619.	2.5	79
10	Paracoccidioides brasiliensis: phylogenetic and ecological aspects. Mycopathologia, 2008, 165, 197-207.	3.1	78
11	Hemoglobin Uptake by Paracoccidioides spp. Is Receptor-Mediated. PLoS Neglected Tropical Diseases, 2014, 8, e2856.	3.0	66
12	The naked-tailed armadilloCabassous centralis(Miller 1899): a new host toParacoccidioides brasiliensis. Molecular identification of the isolate. Medical Mycology, 2005, 43, 275-280.	0.7	62
13	Identification and Analysis of the Role of Superoxide Dismutases Isoforms in the Pathogenesis of Paracoccidioides spp.. PLoS Neglected Tropical Diseases, 2016, 10, e0004481.	3.0	58
14	The Dynamic Genome and Transcriptome of the Human Fungal Pathogen Blastomyces and Close Relative Emmonsia. PLoS Genetics, 2015, 11, e1005493.	3.5	57
15	Characteristics of the conidia produced by the mycelial form ofParacoccidioides brasiliensis. Medical Mycology, 1985, 23, 407-414.	0.7	51
16	Alternative Oxidase Mediates Pathogen Resistance in Paracoccidioides brasiliensis Infection. PLoS Neglected Tropical Diseases, 2011, 5, e1353.	3.0	51
17	Evidence for Positive Selection in Putative Virulence Factors within the Paracoccidioides brasiliensis Species Complex. PLoS Neglected Tropical Diseases, 2008, 2, e296.	3.0	45
18	A 32-Kilodalton Hydrolase Plays an Important Role in Paracoccidioides brasiliensis Adherence to Host Cells and Influences Pathogenicity. Infection and Immunity, 2010, 78, 5280-5286.	2.2	43

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19	Inhibition of PbGP43 Expression May Suggest that gp43 is a Virulence Factor in Paracoccidioides brasiliensis. PLoS ONE, 2013, 8, e68434.	2.5	43
20	Genome Update of the Dimorphic Human Pathogenic Fungi Causing Paracoccidioidomycosis. PLoS Neglected Tropical Diseases, 2014, 8, e3348.	3.0	38
21	Effect of Murine Polymorphonuclear Leukocytes on the Yeast Form of Paracoccidioides Braziliensis. American Journal of Tropical Medicine and Hygiene, 1987, 36, 603-608.	1.4	38
22	The human fungal pathogenParacoccidioides brasiliensis(Onygenales: Ajellomycetaceae) is a complex of two species: phylogenetic evidence from five mitochondrial markers. Cladistics, 2010, 26, 613-624.	3.3	37
23	Combined Use of Paracoccidioides brasiliensis Recombinant 27-Kilodalton and Purified 87-Kilodalton Antigens in an Enzyme-Linked Immunosorbent Assay for Serodiagnosis of Paracoccidioidomycosis. Journal of Clinical Microbiology, 2003, 41, 1536-1542.	3.9	36
24	Involvement of the 90kDa heat shock protein during adaptation of Paracoccidioides brasiliensis to different environmental conditions. Fungal Genetics and Biology, 2013, 51, 34-41.	2.1	35
25	Decreased expression of 14-3-3 inParacoccidioides brasiliensisconfirms its involvement in fungal pathogenesis. Virulence, 2016, 7, 72-84.	4.4	33
26	Comparison of the Sequences of the Internal Transcribed Spacer Regions and PbGP43 Genes of Paracoccidioides brasiliensis from Patients and Armadillos (Dasypus novemcinctus). Journal of Clinical Microbiology, 2003, 41, 5735-5737.	3.9	31
27	The response of Paracoccidioides spp. to nitrosative stress. Microbes and Infection, 2015, 17, 575-585.	1.9	31
28	Diversity in Paracoccidioides brasiliensis . The PbGP43 gene as a genetic marker. Mycopathologia, 2008, 165, 275-287.	3.1	30
29	Detection and Selection of Microsatellites in the Genome of Paracoccidioides brasiliensis as Molecular Markers for Clinical and Epidemiological Studies. Journal of Clinical Microbiology, 2004, 42, 5007-5014.	3.9	29
30	Nuclear staining ofParacoccidioides brasiliensisconidia. Medical Mycology, 1987, 25, 343-345.	0.7	28
31	Genome analysis reveals evolutionary mechanisms of adaptation in systemic dimorphic fungi. Scientific Reports, 2018, 8, 4473.	3.3	28
32	Electrophoretic Karyotype of Clinical Isolates ofParacoccidioides brasiliensis. Fungal Genetics and Biology, 1997, 21, 223-227.	2.1	26
33	Agrobacterium tumefaciens-mediated transformation ofParacoccidioides brasiliensis. Medical Mycology, 2004, 42, 391-395.	0.7	24
34	Pathogenesis of paracoccidioidomycosis: A histopathological study of the experimental murine infection. Mycopathologia, 1986, 94, 133-144.	3.1	23
35	Gene expression analysis ofParacoccidioides brasiliensistransition from conidium to yeast cell. Medical Mycology, 2010, 48, 147-154.	0.7	19
36	The hydrolase PbHAD32 participates in the adherence of Paracoccidioides brasiliensis conidia to epithelial lung cells. Medical Mycology, 2012, 50, 533-537.	0.7	17

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37	Paracoccidioides brasiliensis PbP27gene: knockdown procedures and functional characterization. FEMS Yeast Research, 2014, 14, 270-280.	2.3	17
38	Alternative oxidase plays an important role in Paracoccidioides brasiliensis cellular homeostasis and morphological transition. Medical Mycology, 2015, 53, 205-214.	0.7	16
39	Paracoccidioides spp. catalases and their role in antioxidant defense against host defense responses. Fungal Genetics and Biology, 2017, 100, 22-32.	2.1	16
40	Comparison of Fluconazole and Ketoconazole in Experimental Murine Blastomycosis. Clinical Infectious Diseases, 1990, 12, S304-S306.	5.8	14
41	Background selection at the chitin synthase II (chs2) locus in Paracoccidioides brasiliensis species complex. Fungal Genetics and Biology, 2007, 44, 357-367.	2.1	14
42	The LUFS domain, its transcriptional regulator proteins, and drug resistance in the fungal pathogen Candida auris. Protein Science, 2019, 28, 2024-2029.	7.6	14
43	From NGS assembly challenges to instability of fungal mitochondrial genomes: A case study in genome complexity. Computational Biology and Chemistry, 2016, 61, 258-269.	2.3	13
44	Molecular epidemiology of Colombian Histoplasma capsulatum isolates obtained from human and chicken manure samples. Heliyon, 2019, 5, e02084.	3.2	11
45	Draft Genome Sequences of Two Sporothrix schenckii Clinical Isolates Associated with Human Sporotrichosis in Colombia. Genome Announcements, 2018, 6, .	0.8	10
46	Down-regulation of TUFM impairs host cell interaction and virulence by Paracoccidioides brasiliensis. Scientific Reports, 2019, 9, 17206.	3.3	10
47	Study of Current and New Drugs in a Murine Model of Acute Paracoccidioidomycosis *. American Journal of Tropical Medicine and Hygiene, 1985, 34, 134-140.	1.4	10
48	Limits to Sequencing and de novo Assembly: Classic Benchmark Sequences for Optimizing Fungal NGS Designs. Advances in Intelligent Systems and Computing, 2014, , 221-230.	0.6	8
49	The complex task of choosing a de novo assembly: Lessons from fungal genomes. Computational Biology and Chemistry, 2014, 53, 97-107.	2.3	6
50	IdentificaciÃ³n de algunos genes asociados al proceso de germinaciÃ³n de la conidia al micelio en Paracoccidioides brasiliensis. Biomedica, 2009, 29, 403.	0.7	5
51	The eukaryotic genome, its reads, and the unfinished assembly. FEBS Letters, 2013, 587, 2090-2093.	2.8	3
52	Insulin Resistance and Beat-to-Beat Cardiovascular Dynamics: A Constant Relationship Across Different Body Mass Index and Blood Pressure Categories. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 569-577.	3.6	3
53	Hypertension and the roles of the 9p21.3 risk locus: Classic findings and new association data. International Journal of Cardiology: Hypertension, 2020, 7, 100050.	2.2	3
54	Susceptibility ofParacoccidioides brasiliensis conidia to products of oxidative metabolism. Experimental Mycology, 1987, 11, 241-244.	1.6	2

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55	Draft Genome Sequences of Clinical and Environmental Isolates of Aspergillus tamarii from Colombia. Microbiology Resource Announcements, 2020, 9, .	0.6	2
56	RNAi technology targeting Pb<i>GP</i>43 and Pb<i>P</i>27 in <i>Paracoccidioides brasiliensis</i>. Open Journal of Genetics, 2013, 03, 1-8.	0.1	2
57	Toward Multiple SNP MotifÂAnalyses of Loci Associated With Phenotypic Traits. Journal of the American College of Cardiology, 2017, 70, 1539-1540.	2.8	1
58	Prevalence of Chlamydia trachomatis and Neisseria gonorrhoeae in the homeless population of MedellÃn, Colombia: a cross-sectional study. BMJ Open, 2022, 12, e054966.	1.9	1
59	AnÃ¡lisis de la cinÃ©tica de expresiÃ³n de genes durante la transiciÃ³n de micelio a levadura y la germinaciÃ³n levadura a micelio en Paracoccidioides brasiliensis. Biomedica, 2011, 31, 570.	0.7	0
60	In Vitro and in Vivo Differentiation of L.Mexicana-Hsp70 Gene Expression. , 1989, , 575-579.		0