Rosana Puccia

List of Publications by Year
in descending order

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87	4,376	117453	114278
papers	citations	34 h-index	63 g-index

89	89	89	2750
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.	3.5	312
2	Exocellular components of Paracoccidioides brasiliensis: identification of a specific antigen. Infection and Immunity, 1986, 53, 199-206.	1.0	228
3	Expressed Sequence Tag Analysis of the Human Pathogen Paracoccidioides brasiliensis Yeast Phase: Identification of Putative Homologues of Candida albicans Virulence and Pathogenicity Genes. Eukaryotic Cell, 2003, 2, 34-48.	3.4	185
4	Extracellular vesicle-mediated export of fungal RNA. Scientific Reports, 2015, 5, 7763.	1.6	185
5	The Pathogenic Fungus Paracoccidioides brasiliensis Exports Extracellular Vesicles Containing Highly Immunogenic Î±-Galactosyl Epitopes. Eukaryotic Cell, 2011, 10, 343-351.	3.4	169
6	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. PLoS Genetics, 2011, 7, e1002345.	1.5	164
7	Vesicle and Vesicle-Free Extracellular Proteome of Paracoccidioides brasiliensis: Comparative Analysis with Other Pathogenic Fungi. Journal of Proteome Research, 2012, 11, 1676-1685.	1.8	160
8	Mapping of the T-Cell Epitope in the Major 43-Kilodalton Glycoprotein ofParacoccidioides brasiliensisWhich Induces a Th-1 Response Protective against Fungal Infection in BALB/c Mice. Infection and Immunity, 1998, 66, 786-793.	1.0	157
9	Fungi that Infect Humans. Microbiology Spectrum, 2017, 5, .	1.2	149
10	Cloning, Characterization, and Epitope Expression of the Major Diagnostic Antigen of Paracoccidioides brasiliensis. Journal of Biological Chemistry, 1996, 271, 4553-4560.	1.6	145
11	43-kilodalton glycoprotein from Paracoccidioides brasiliensis: immunochemical reactions with sera from patients with paracoccidioidomycosis, histoplasmosis, or Jorge Lobo's disease. Journal of Clinical Microbiology, 1991, 29, 1610-1615.	1.8	145
12	Transcriptome Analysis of Paracoccidioides brasiliensis Cells Undergoing Mycelium-to-Yeast Transition. Eukaryotic Cell, 2005, 4, 2115-2128.	3.4	131
13	Yeast KRE2 defines a new gene family encoding probable secretory proteins, and is required for the correct N-glycosylation of proteins.. Genetics, 1992, 130, 273-283.	1.2	105
14	Lipidomic Analysis of Extracellular Vesicles from the Pathogenic Phase of Paracoccidioides brasiliensis. PLoS ONE, 2012, 7, e39463.	1.1	101
15	Polymorphism in the Gene Coding for the Immunodominant Antigen gp43 from the Pathogenic Fungus Paracoccidioides brasiliensis. Journal of Clinical Microbiology, 2000, 38, 3960-3966.	1.8	96
16	The Paracoccidioides Cell Wall: Past and Present Layers Toward Understanding Interaction with the Host. Frontiers in Microbiology, 2011, 2, 257.	1.5	77
17	DNA-based vaccination against murine paracoccidioidomycosis using the gp43 gene from Paracoccidioides brasiliensis. Vaccine, 2000, 18, 3050-3058.	1.7	74
18	Fungal morphogenesis and virulence. Medical Mycology, 2000, 38, 79-86.	0.3	73

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19	The 43-kDa glycoprotein from the human pathogen Paracoccidioides brasiliensis and its deglycosylated form: Excretion and susceptibility to proteolysis. Archives of Biochemistry and Biophysics, 1991, 289, 298-302.	1.4	69
20	Identification of genes preferentially expressed in the pathogenic yeast phase of Paracoccidioides brasiliensis, using suppression subtraction hybridization and differential macroarray analysis. Molecular Genetics and Genomics, 2004, 271, 667-677.	1.0	67
21	Monoclonal Antibodies Against the 43,000 Da Glycoprotein fromParacoccidioides brasiliensisModulate Laminin-Mediated Fungal Adhesion to Epithelial Cells and Pathogenesis. Hybridoma, 1996, 15, 415-422.	0.9	66
22	Extracellular vesicles from Paracoccidioides pathogenic species transport polysaccharide and expose ligands for DC-SIGN receptors. Scientific Reports, 2015, 5, 14213.	1.6	66
23	The Monoclonal Antibody against the Major Diagnostic Antigen ofParacoccidioides brasiliensisMediates Immune Protection in Infected BALB/c Mice Challenged Intratracheally with the Fungus. Infection and Immunity, 2008, 76, 3321-3328.	1.0	60
24	Virulence of Paracoccidioides brasiliensis and gp43 expression in isolates bearing known PbGP43 genotype. Microbes and Infection, 2005, 7, 55-65.	1.0	56
25	Comparison of the RNA Content of Extracellular Vesicles Derived from Paracoccidioides brasiliensis and Paracoccidioides lutzii. Cells, 2019, 8, 765.	1.8	54
26	Secretion of the 43 kDa glycoprotein antigen byParacoccidioides brasiliensis. Medical Mycology, 1988, 26, 367-373.	0.3	53
27	Cleavage of human fibronectin and other basement membrane-associated proteins by a Cryptococcus neoformans serine proteinase. Microbial Pathogenesis, 2003, 34, 65-71.	1.3	53
28	Exocellular proteolytic activity ofParacoccidioides brasiliensis: cleavage of components associated with the basement membrane. Medical Mycology, 1998, 36, 345-348.	0.3	48
29	Inhibition of PbGP43 Expression May Suggest that gp43 is a Virulence Factor in Paracoccidioides brasiliensis. PLoS ONE, 2013, 8, e68434.	1.1	43
30	Characterization of an exocellular serine-thiol proteinase activity in Paracoccidioides brasiliensis. Biochemical Journal, 1995, 309, 209-214.	1.7	42
31	Chromosomal polymorphism, syntenic relationships, and ploidy in the pathogenic fungus Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2003, 39, 60-69.	0.9	38
32	Highlights of the SÃ£o Paulo ISEV workshop on extracellular vesicles in crossâ€kingdom communication. Journal of Extracellular Vesicles, 2017, 6, 1407213.	5.5	38
33	Extracellular Vesicle-Mediated RNA Release in Histoplasma capsulatum. MSphere, 2019, 4, .	1.3	38
34	Biochemistry and molecular biology of the main diagnostic antigen of Paracoccidioides brasiliensis. Archives of Medical Research, 1995, 26, 297-304.	1.5	37
35	Fungal morphogenesis and virulence. Medical Mycology, 2000, 38 Suppl 1, 79-86.	0.3	36
36	Disruption of the processing Î±-mannosidase gene does not prevent outer chain synthesis in Saccharomyces cerevisiae. Biochemical Journal, 1993, 290, 21-26.	1.7	34

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37	The Pb MDJ1 Gene Belongs to a Conserved MDJ1/LON Locus in Thermodimorphic Pathogenic Fungi and Encodes a Heat Shock Protein That Localizes to both the Mitochondria and Cell Wall of Paracoccidioides brasiliensis. Eukaryotic Cell, 2006, 5, 379-390.	3.4	34
38	A newParacoccidioides brasiliensis70-kDa heat shock protein reacts with sera from paracoccidioidomycosis patients. Medical Mycology, 2005, 43, 495-503.	0.3	32
39	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.	1.8	31
40	Paracoccidioides lutzii Plp43 Is an Active Glucanase with Partial Antigenic Identity with P. brasiliensis gp43. PLoS Neglected Tropical Diseases, 2014, 8, e3111.	1.3	31
41	Molecular identification of Paracoccidioides brasiliensis by 5â€² nuclease assay. Diagnostic Microbiology and Infectious Disease, 2002, 44, 383-386.	0.8	30
42	Diversity in Paracoccidioides brasiliensis . The PbGP43 gene as a genetic marker. Mycopathologia, 2008, 165, 275-287.	1.3	30
43	Proteome of cell wall-extracts from pathogenic Paracoccidioides brasiliensis: Comparison among morphological phases, isolates, and reported fungal extracellular vesicle proteins. EuPA Open Proteomics, 2014, 3, 216-228.	2.5	30
44	Golgi Reassembly and Stacking Protein (GRASP) Participates in Vesicle-Mediated RNA Export in Cryptococcus Neoformans. Genes, 2018, 9, 400.	1.0	30
45	Purification of the 43 kDa glycoprotein from exocellular components excreted byParacoccidioides brasiliensisin liquid culture (TOM medium). Medical Mycology, 1991, 29, 57-60.	0.3	28
46	Identification and characterization of Tc1/mariner-like DNA transposons in genomes of the pathogenic fungi of the Paracoccidioides species complex. BMC Genomics, 2010, 11, 130.	1.2	28
47	Characterization of Cell Wall Lipids from the Pathogenic Phase of Paracoccidioides brasiliensis Cultivated in the Presence or Absence of Human Plasma. PLoS ONE, 2013, 8, e63372.	1.1	26
48	Use of Recombinant gp43 Isoforms Expressed in Pichia pastoris for Diagnosis of Paracoccidioidomycosis. Vaccine Journal, 2008, 15, 622-629.	3.2	25
49	Interactions between TLR2, TLR4, and mannose receptors with gp43 fromParacoccidioides brasiliensisinduce cytokine production by human monocytes. Medical Mycology, 2011, 49, 1-10.	0.3	25
50	Paracoccin, an N-acetyl-glucosamine-binding lectin of Paracoccidioides brasiliensis, is involved in fungal growth. Microbes and Infection, 2007, 9, 695-703.	1.0	24
51	The gp43 from Paracoccidioides brasiliensis: A Major Diagnostic Antigen and Vaccine Candidate. , 2004, , 279-296.		24
52	Paracoccidioidomycosis. Medical Mycology, 1992, 30, 59-71.	0.3	23
53	Identification of transcription elements in the 5â€² intergenic region shared by LON and MDJ1 heat shock genes from the human pathogen Paracoccidioides brasiliensis. Evaluation of gene expression. Fungal Genetics and Biology, 2007, 44, 347-356.	0.9	22
54	A Paracoccidioides brasiliensis glycan shares serologic and functional properties with cryptococcal glucuronoxylomannan. Fungal Genetics and Biology, 2012, 49, 943-954.	0.9	22

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55	Fungal morphogenesis and virulence. Medical Mycology, 2000, 38, 79-86.	0.3	20
56	Exocellular proteolytic activity of Paracoccidioides brasiliensis: cleavage of components associated with the basement membrane. Medical Mycology, 1998, 36, 345-8.	0.3	20
57	Detection of the basement membrane-degrading proteolytic activity of Paracoccidioides brasiliensis after SDS-PAGE using agarose overlays containing Abz-MKALTLQ-EDDnp. Brazilian Journal of Medical and Biological Research, 1999, 32, 645-649.	0.7	19
58	Gene Therapy against Murine Melanoma B16F10-Nex2 Using IL-13RÎ±2-Fc Chimera and Interleukin 12 in Association with a Cyclopalladated Drug. Translational Oncology, 2008, 1, 110-120.	1.7	19
59	Gene expression analysis ofParacoccidioides brasiliensistransition from conidium to yeast cell. Medical Mycology, 2010, 48, 147-154.	0.3	19
60	Low Concentrations of Hydrogen Peroxide or Nitrite Induced of Paracoccidioides brasiliensis Cell Proliferation in a Ras-Dependent Manner. PLoS ONE, 2013, 8, e69590.	1.1	19
61	Cloning and characterization of aLON gene homologue from the human pathogenParacoccidioides brasiliensis. Yeast, 2001, 18, 981-988.	0.8	17
62	Characterization of the APSES-family transcriptional regulators of Histoplasma capsulatum. FEMS Yeast Research, 2018, 18, .	1.1	14
63	Omics Approaches for Understanding Biogenesis, Composition and Functions of Fungal Extracellular Vesicles. Frontiers in Genetics, 2021, 12, 648524.	1.1	13
64	The Paracoccidioides brasiliensis gp70 antigen is encoded by a putative member of the flavoproteins monooxygenase family. Fungal Genetics and Biology, 2010, 47, 179-189.	0.9	11
65	Insights in Paracoccidioides brasiliensis Pathogenicity. , 2007, , 241-265.		11
66	Modulation of the exocellular serine-thiol proteinase activity of Paracoccidioides brasiliensis by neutral polysaccharides. Microbes and Infection, 2006, 8, 84-91.	1.0	10
67	Transcription regulation of the Pbgp43 gene by nitrogen in the human pathogen Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 85-93.	0.9	9
68	Paracoccidioides brasiliensis induces cytokine secretion in epithelial cells in a protease-activated receptor-dependent (PAR) manner. Medical Microbiology and Immunology, 2017, 206, 149-156.	2.6	9
69	Polymorphism in the flanking regions of the PbGP43 gene from the human pathogen Paracoccidioides brasiliensis: search for protein binding sequences and poly(A) cleavage sites. BMC Microbiology, 2009, 9, 277.	1.3	8
70	Molecular biology of the dimorphic fungi Paracoccidioides spp. Fungal Biology Reviews, 2011, 25, 89-97.	1.9	8
71	Identification of human plasma proteins associated with the cell wall of the pathogenic fungusParacoccidioides brasiliensis. FEMS Microbiology Letters, 2013, 341, 87-95.	0.7	8
72	Fungi that Infect Humans. , 2017, , 811-843.		8

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73	PbGP43 Genotyping Using Paraffin-Embedded Biopsies of Human Paracoccidioidomycosis Reveals a Genetically Distinct Lineage in the Paracoccidioides brasiliensis Complex. Mycopathologia, 2022, 187, 157-168.	1.3	8
74	The Human Pathogen Paracoccidioides brasiliensis Has a Unique 1-Cys Peroxiredoxin That Localizes Both Intracellularly and at the Cell Surface. Frontiers in Cellular and Infection Microbiology, 2020, 10, 394.	1.8	7
75	Cyclopalladated Compound 7a Induces Apoptosis- and Autophagy-Like Mechanisms in Paracoccidioides and Is a Candidate for Paracoccidioidomycosis Treatment. Antimicrobial Agents and Chemotherapy, 2015, 59, 7214-7223.	1.4	6
76	Purification of the 43 kDa glycoprotein from exocellular components excreted by Paracoccidioides brasiliensis in liquid culture (TOM medium). Journal of Medical and Veterinary Mycology: Bi-monthly Publication of the International Society for Human and Animal Mycology, 1991, 29, 57-60.	0.3	6
77	Extracellular Vesicles From Paracoccidioides brasiliensis Can Induce the Expression of Fungal Virulence Traits In Vitro and Enhance Infection in Mice. Frontiers in Cellular and Infection Microbiology, 2022, 12, 834653.	1.8	6
78	C-Npys (S-3-nitro-2-pyridinesulfenyl) and peptide derivatives can inhibit a serine-thiol proteinase activity from Paracoccidioides brasiliensis. Biochemical and Biophysical Research Communications, 2007, 355, 1000-1005.	1.0	5
79	Characterization of Lipids and Proteins Associated to the Cell Wall of the Acapsular Mutant Cryptococcus neoformans Cap 67. Journal of Eukaryotic Microbiology, 2015, 62, 591-604.	0.8	5
80	43â€‰kDa Glycoprotein (gp43) fromParacoccidioides brasiliensisInduced IL-17A and PGE2 Production by Human Polymorphonuclear Neutrophils: Involvement of TLR2 and TLR4. Journal of Immunology Research, 2019, 2019, 1-9.	0.9	5
81	Expression in Bacteria of the Gene Encoding the gp43 Antigen of Paracoccidioides brasiliensis : Immunological Reactivity of the Recombinant Fusion Proteins. Vaccine Journal, 2002, 9, 1200-1204.	3.2	4
82	The Cell Wall-Associated Proteins in the Dimorphic Pathogenic Species of Paracoccidioides. Current Protein and Peptide Science, 2017, 18, 1074-1089.	0.7	4
83	Experimental Model of Arthritis Induced by Paracoccidioides brasiliensis in Rats. Mycopathologia, 2012, 174, 187-191.	1.3	2
84	DOSE RESPONSE EFFECT OF Paracoccidioides brasiliensis IN AN EXPERIMENTAL MODEL OF ARTHRITIS. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2014, 56, 259-264.	0.5	2
85	Dual localization of Mdj1 in pathogenic fungi varies with growth temperature. Medical Mycology, 2014, 52, 187-195.	0.3	2
86	Gene expression analysis of Paracoccidioides brasiliensis transition from conidium to yeast cell. Medical Mycology, 0, , 1-9.	0.3	2
87	Current Status on Extracellular Vesicles from the Dimorphic Pathogenic Species of Paracoccidioides. Current Topics in Microbiology and Immunology, 2021, 432, 19-33.	0.7	1