

Rosana Puccia

List of Publications by Year in descending order

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87
papers

4,376
citations

117625

34
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114465

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89
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docs citations

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times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Exocellular components of <i>Paracoccidioides brasiliensis</i> : identification of a specific antigen. <i>Infection and Immunity</i> , 1986, 53, 199-206.	2.2	228
3	Expressed Sequence Tag Analysis of the Human Pathogen <i>Paracoccidioides brasiliensis</i> Yeast Phase: Identification of Putative Homologues of <i>Candida albicans</i> Virulence and Pathogenicity Genes. <i>Eukaryotic Cell</i> , 2003, 2, 34-48.	3.4	185
4	Extracellular vesicle-mediated export of fungal RNA. <i>Scientific Reports</i> , 2015, 5, 7763.	3.3	185
5	The Pathogenic Fungus <i>Paracoccidioides brasiliensis</i> Exports Extracellular Vesicles Containing Highly Immunogenic β -Galactosyl Epitopes. <i>Eukaryotic Cell</i> , 2011, 10, 343-351.	3.4	169
6	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. <i>PLoS Genetics</i> , 2011, 7, e1002345.	3.5	164
7	Vesicle and Vesicle-Free Extracellular Proteome of <i>Paracoccidioides brasiliensis</i> : Comparative Analysis with Other Pathogenic Fungi. <i>Journal of Proteome Research</i> , 2012, 11, 1676-1685.	3.7	160
8	Mapping of the T-Cell Epitope in the Major 43-Kilodalton Glycoprotein of <i>Paracoccidioides brasiliensis</i> Which Induces a Th-1 Response Protective against Fungal Infection in BALB/c Mice. <i>Infection and Immunity</i> , 1998, 66, 786-793.	2.2	157
9	Fungi that Infect Humans. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	149
10	Cloning, Characterization, and Epitope Expression of the Major Diagnostic Antigen of <i>Paracoccidioides brasiliensis</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 4553-4560.	3.4	145
11	43-kilodalton glycoprotein from <i>Paracoccidioides brasiliensis</i> : immunochemical reactions with sera from patients with paracoccidioidomycosis, histoplasmosis, or Jorge Lobo's disease. <i>Journal of Clinical Microbiology</i> , 1991, 29, 1610-1615.	3.9	145
12	Transcriptome Analysis of <i>Paracoccidioides brasiliensis</i> Cells Undergoing Mycelium-to-Yeast Transition. <i>Eukaryotic Cell</i> , 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.. <i>Genetics</i> , 1992, 130, 273-283.	2.9	105
14	Lipidomic Analysis of Extracellular Vesicles from the Pathogenic Phase of <i>Paracoccidioides brasiliensis</i> . <i>PLoS ONE</i> , 2012, 7, e39463.	2.5	101
15	Polymorphism in the Gene Coding for the Immunodominant Antigen gp43 from the Pathogenic Fungus <i>Paracoccidioides brasiliensis</i> . <i>Journal of Clinical Microbiology</i> , 2000, 38, 3960-3966.	3.9	96
16	The <i>Paracoccidioides</i> Cell Wall: Past and Present Layers Toward Understanding Interaction with the Host. <i>Frontiers in Microbiology</i> , 2011, 2, 257.	3.5	77
17	DNA-based vaccination against murine paracoccidioidomycosis using the gp43 gene from <i>Paracoccidioides brasiliensis</i> . <i>Vaccine</i> , 2000, 18, 3050-3058.	3.8	74
18	Fungal morphogenesis and virulence. <i>Medical Mycology</i> , 2000, 38, 79-86.	0.7	73

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19	The 43-kDa glycoprotein from the human pathogen <i>Paracoccidioides brasiliensis</i> and its deglycosylated form: Excretion and susceptibility to proteolysis. <i>Archives of Biochemistry and Biophysics</i> , 1991, 289, 298-302.	3.0	69
20	Identification of genes preferentially expressed in the pathogenic yeast phase of <i>Paracoccidioides brasiliensis</i> , using suppression subtraction hybridization and differential macroarray analysis. <i>Molecular Genetics and Genomics</i> , 2004, 271, 667-677.	2.1	67
21	Monoclonal Antibodies Against the 43,000 Da Glycoprotein from <i>Paracoccidioides brasiliensis</i> Modulate Laminin-Mediated Fungal Adhesion to Epithelial Cells and Pathogenesis. <i>Hybridoma</i> , 1996, 15, 415-422.	0.6	66
22	Extracellular vesicles from <i>Paracoccidioides</i> pathogenic species transport polysaccharide and expose ligands for DC-SIGN receptors. <i>Scientific Reports</i> , 2015, 5, 14213.	3.3	66
23	The Monoclonal Antibody against the Major Diagnostic Antigen of <i>Paracoccidioides brasiliensis</i> Mediates Immune Protection in Infected BALB/c Mice Challenged Intratracheally with the Fungus. <i>Infection and Immunity</i> , 2008, 76, 3321-3328.	2.2	60
24	Virulence of <i>Paracoccidioides brasiliensis</i> and gp43 expression in isolates bearing known PbGP43 genotype. <i>Microbes and Infection</i> , 2005, 7, 55-65.	1.9	56
25	Comparison of the RNA Content of Extracellular Vesicles Derived from <i>Paracoccidioides brasiliensis</i> and <i>Paracoccidioides lutzii</i> . <i>Cells</i> , 2019, 8, 765.	4.1	54
26	Secretion of the 43 kDa glycoprotein antigen by <i>Paracoccidioides brasiliensis</i> . <i>Medical Mycology</i> , 1988, 26, 367-373.	0.7	53
27	Cleavage of human fibronectin and other basement membrane-associated proteins by a <i>Cryptococcus neoformans</i> serine proteinase. <i>Microbial Pathogenesis</i> , 2003, 34, 65-71.	2.9	53
28	Exocellular proteolytic activity of <i>Paracoccidioides brasiliensis</i> : cleavage of components associated with the basement membrane. <i>Medical Mycology</i> , 1998, 36, 345-348.	0.7	48
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	Characterization of an exocellular serine-thiol proteinase activity in <i>Paracoccidioides brasiliensis</i> . <i>Biochemical Journal</i> , 1995, 309, 209-214.	3.7	42
31	Chromosomal polymorphism, syntenic relationships, and ploidy in the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2003, 39, 60-69.	2.1	38
32	Highlights of the São Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1407213.	12.2	38
33	Extracellular Vesicle-Mediated RNA Release in <i>Histoplasma capsulatum</i> . <i>MSphere</i> , 2019, 4, .	2.9	38
34	Biochemistry and molecular biology of the main diagnostic antigen of <i>Paracoccidioides brasiliensis</i> . <i>Archives of Medical Research</i> , 1995, 26, 297-304.	3.3	37
35	Fungal morphogenesis and virulence. <i>Medical Mycology</i> , 2000, 38 Suppl 1, 79-86.	0.7	36
36	Disruption of the processing β -mannosidase gene does not prevent outer chain synthesis in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 1993, 290, 21-26.	3.7	34

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37	The Pb MDJ1 Gene Belongs to a Conserved MDJ1/LON Locus in Thermotolerant Pathogenic Fungi and Encodes a Heat Shock Protein That Localizes to both the Mitochondria and Cell Wall of <i>Paracoccidioides brasiliensis</i> . <i>Eukaryotic Cell</i> , 2006, 5, 379-390.	3.4	34
38	A new <i>Paracoccidioides brasiliensis</i> 70-kDa heat shock protein reacts with sera from paracoccidioidomycosis patients. <i>Medical Mycology</i> , 2005, 43, 495-503.	0.7	32
39	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
40	<i>Paracoccidioides lutzii</i> Plp43 Is an Active Glucanase with Partial Antigenic Identity with <i>P. brasiliensis</i> gp43. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3111.	3.0	31
41	Molecular identification of <i>Paracoccidioides brasiliensis</i> by 5'â€² nuclease assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 44, 383-386.	1.8	30
42	Diversity in <i>Paracoccidioides brasiliensis</i> . The PbGP43 gene as a genetic marker. <i>Mycopathologia</i> , 2008, 165, 275-287.	3.1	30
43	Proteome of cell wall-extracts from pathogenic <i>Paracoccidioides brasiliensis</i> : Comparison among morphological phases, isolates, and reported fungal extracellular vesicle proteins. <i>EuPA Open Proteomics</i> , 2014, 3, 216-228.	2.5	30
44	Golgi Reassembly and Stacking Protein (GRASP) Participates in Vesicle-Mediated RNA Export in <i>Cryptococcus Neoformans</i> . <i>Genes</i> , 2018, 9, 400.	2.4	30
45	Purification of the 43 kDa glycoprotein from exocellular components excreted by <i>Paracoccidioides brasiliensis</i> in liquid culture (TOM medium). <i>Medical Mycology</i> , 1991, 29, 57-60.	0.7	28
46	Identification and characterization of Tc1/mariner-like DNA transposons in genomes of the pathogenic fungi of the <i>Paracoccidioides</i> species complex. <i>BMC Genomics</i> , 2010, 11, 130.	2.8	28
47	Characterization of Cell Wall Lipids from the Pathogenic Phase of <i>Paracoccidioides brasiliensis</i> Cultivated in the Presence or Absence of Human Plasma. <i>PLoS ONE</i> , 2013, 8, e63372.	2.5	26
48	Use of Recombinant gp43 Isoforms Expressed in <i>Pichia pastoris</i> for Diagnosis of Paracoccidioidomycosis. <i>Vaccine Journal</i> , 2008, 15, 622-629.	3.1	25
49	Interactions between TLR2, TLR4, and mannose receptors with gp43 from <i>Paracoccidioides brasiliensis</i> induce cytokine production by human monocytes. <i>Medical Mycology</i> , 2011, 49, 1-10.	0.7	25
50	Paracoccin, an N-acetyl-glucosamine-binding lectin of <i>Paracoccidioides brasiliensis</i> , is involved in fungal growth. <i>Microbes and Infection</i> , 2007, 9, 695-703.	1.9	24
51	The gp43 from <i>Paracoccidioides brasiliensis</i> : A Major Diagnostic Antigen and Vaccine Candidate. , 2004, , 279-296.		24
52	Paracoccidioidomycosis. <i>Medical Mycology</i> , 1992, 30, 59-71.	0.7	23
53	Identification of transcription elements in the 5'â€² intergenic region shared by LON and MDJ1 heat shock genes from the human pathogen <i>Paracoccidioides brasiliensis</i> . Evaluation of gene expression. <i>Fungal Genetics and Biology</i> , 2007, 44, 347-356.	2.1	22
54	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

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55	Fungal morphogenesis and virulence. <i>Medical Mycology</i> , 2000, 38, 79-86.	0.7	20
56	Exocellular proteolytic activity of <i>Paracoccidioides brasiliensis</i> : cleavage of components associated with the basement membrane. <i>Medical Mycology</i> , 1998, 36, 345-8.	0.7	20
57	Detection of the basement membrane-degrading proteolytic activity of <i>Paracoccidioides brasiliensis</i> after SDS-PAGE using agarose overlays containing Abz-MKALTLQ-EDDnp. <i>Brazilian Journal of Medical and Biological Research</i> , 1999, 32, 645-649.	1.5	19
58	Gene Therapy against Murine Melanoma B16F10-Nex2 Using IL-13R α 2-Fc Chimera and Interleukin 12 in Association with a Cyclopalladated Drug. <i>Translational Oncology</i> , 2008, 1, 110-120.	3.7	19
59	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
60	Low Concentrations of Hydrogen Peroxide or Nitrite Induced of <i>Paracoccidioides brasiliensis</i> Cell Proliferation in a Ras-Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e69590.	2.5	19
61	Cloning and characterization of a LON gene homologue from the human pathogen <i>Paracoccidioides brasiliensis</i> . <i>Yeast</i> , 2001, 18, 981-988.	1.7	17
62	Characterization of the APSES-family transcriptional regulators of <i>Histoplasma capsulatum</i> . <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	14
63	Omics Approaches for Understanding Biogenesis, Composition and Functions of Fungal Extracellular Vesicles. <i>Frontiers in Genetics</i> , 2021, 12, 648524.	2.3	13
64	The <i>Paracoccidioides brasiliensis</i> gp70 antigen is encoded by a putative member of the flavoproteins monooxygenase family. <i>Fungal Genetics and Biology</i> , 2010, 47, 179-189.	2.1	11
65	Insights in <i>Paracoccidioides brasiliensis</i> Pathogenicity. , 2007, , 241-265.		11
66	Modulation of the exocellular serine-thiol proteinase activity of <i>Paracoccidioides brasiliensis</i> by neutral polysaccharides. <i>Microbes and Infection</i> , 2006, 8, 84-91.	1.9	10
67	Transcription regulation of the Pbgp43 gene by nitrogen in the human pathogen <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 85-93.	2.1	9
68	<i>Paracoccidioides brasiliensis</i> induces cytokine secretion in epithelial cells in a protease-activated receptor-dependent (PAR) manner. <i>Medical Microbiology and Immunology</i> , 2017, 206, 149-156.	4.8	9
69	Polymorphism in the flanking regions of the PbGP43 gene from the human pathogen <i>Paracoccidioides brasiliensis</i> : search for protein binding sequences and poly(A) cleavage sites. <i>BMC Microbiology</i> , 2009, 9, 277.	3.3	8
70	Molecular biology of the dimorphic fungi <i>Paracoccidioides</i> spp. <i>Fungal Biology Reviews</i> , 2011, 25, 89-97.	4.7	8
71	Identification of human plasma proteins associated with the cell wall of the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>FEMS Microbiology Letters</i> , 2013, 341, 87-95.	1.8	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.	3.1	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.	3.9	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.	3.2	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.	3.9	6
78	C-Npys (S-3-nitro-2-pyridinesulfonyl) and peptide derivatives can inhibit a serine-thiol proteinase activity from Paracoccidioides brasiliensis. Biochemical and Biophysical Research Communications, 2007, 355, 1000-1005.	2.1	5
79	Characterization of Lipids and Proteins Associated to the Cell Wall of the Acapsular Mutant <i>Cryptococcus neoformans</i> Cap 67. Journal of Eukaryotic Microbiology, 2015, 62, 591-604.	1.7	5
80	43 kDa Glycoprotein (gp43) from <i>Paracoccidioides brasiliensis</i> Induced IL-17A and PGE2 Production by Human Polymorphonuclear Neutrophils: Involvement of TLR2 and TLR4. Journal of Immunology Research, 2019, 2019, 1-9.	2.2	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.	3.1	4
82	The Cell Wall-Associated Proteins in the Dimorphic Pathogenic Species of Paracoccidioides. Current Protein and Peptide Science, 2017, 18, 1074-1089.	1.4	4
83	Experimental Model of Arthritis Induced by Paracoccidioides brasiliensis in Rats. Mycopathologia, 2012, 174, 187-191.	3.1	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.	1.1	2
85	Dual localization of Mdj1 in pathogenic fungi varies with growth temperature. Medical Mycology, 2014, 52, 187-195.	0.7	2
86	Gene expression analysis of Paracoccidioides brasiliensis transition from conidium to yeast cell. Medical Mycology, 0, , 1-9.	0.7	2
87	Current Status on Extracellular Vesicles from the Dimorphic Pathogenic Species of Paracoccidioides. Current Topics in Microbiology and Immunology, 2021, 432, 19-33.	1.1	1