JosÃ© Antonio Calera

List of Publications by Year
in descending order

		361413	501196
29 papers	1,455 citations	20 h-index	28 g-index
31 all docs	31 docs citations	31 times ranked	1133 citing authors

#	Article	IF	Citations
1	Candida albicans Response Regulator Gene SSK1 Regulates a Subset of Genes Whose Functions Are Associated with Cell Wall Biosynthesis and Adaptation to Oxidative Stress. Eukaryotic Cell, 2003, 2, 1018-1024.	3.4	153
2	Defective Hyphal Development and Avirulence Caused by a Deletion of the SSK1 Response Regulator Gene in Candida albicans. Infection and Immunity, 2000, 68, 518-525.	2.2	134
3	Zinc and Manganese Chelation by Neutrophil S100A8/A9 (Calprotectin) Limits Extracellular <i>Aspergillus fumigatus</i> Hyphal Growth and Corneal Infection. Journal of Immunology, 2016, 196, 336-344.	0.8	130
4	The regulation of zinc homeostasis by the ZafA transcriptional activator is essential for Aspergillus fumigatus virulence. Molecular Microbiology, 2007, 64, 1182-1197.	2.5	113
5	Aspergillus fumigatus Survival in Alkaline and Extreme Zinc-Limiting Environments Relies on the Induction of a Zinc Homeostasis System Encoded by the <i>zrfC</i> and <i>aspf2</i> Genes. Eukaryotic Cell, 2010, 9, 424-437.	3.4	94
6	Flocculation of hyphae is associated with a deletion in the putative CaHK1 two-component histidine kinase gene from Candida albicans. Microbiology (United Kingdom), 1999, 145, 1431-1442.	1.8	80
7	The zrfA and zrfB Genes of Aspergillus fumigatus Encode the Zinc Transporter Proteins of a Zinc Uptake System Induced in an Acid, Zinc-Depleted Environment. Eukaryotic Cell, 2005, 4, 837-848.	3.4	79
8	Identification of a putative histidine kinase two-component phosphorelay gene (CaHK1) inCandida albicans. Yeast, 1998, 14, 665-674.	1.7	74
9	The ZrfC alkaline zinc transporter is required for<i>A</i><i>spergillus fumigatus</i>virulence and its growth in the presence of the Zn/Mn-chelating protein calprotectin. Cellular Microbiology, 2014, 16, 548-564.	2.1	70
10	Identification ofYPD1, a gene ofCandida albicans which encodes a two-component phosphohistidine intermediate protein. Yeast, 2000, 16, 1053-1059.	1.7	56
11	Zinc Acquisition: A Key Aspect in Aspergillus fumigatus Virulence. Mycopathologia, 2014, 178, 379-385.	3.1	54
12	Identification of a putative response regulator two-component phosphorelay gene (CaSSK1) fromCandida albicans. Yeast, 1999, 15, 1243-1254.	1.7	50
13	Deletion of the Two-Component Histidine Kinase Gene (CHK1) of Candida albicans Contributes to Enhanced Growth Inhibition and Killing by Human Neutrophils In Vitro. Infection and Immunity, 2002, 70, 985-987.	2.2	44
14	The Transcription Factor ZafA Regulates the Homeostatic and Adaptive Response to Zinc Starvation in Aspergillus fumigatus. Genes, 2018, 9, 318.	2.4	39
15	Administration of Zinc Chelators Improves Survival of Mice Infected with Aspergillus fumigatus both in Monotherapy and in Combination with Caspofungin. Antimicrobial Agents and Chemotherapy, 2016, 60, 5631-5639.	3.2	35
16	Repression of the acid ZrfA/ZrfB zinc-uptake system of Aspergillus fumigatus mediated by PacC under neutral, zinc-limiting conditions. International Microbiology, 2009, 12, 39-47.	2.4	33
17	Targeting zinc homeostasis to combat Aspergillus fumigatus infections. Frontiers in Microbiology, 2015, 6, 160.	3.5	31
18	Involvement of Sulfur in the Biosynthesis of Essential Metabolites in Pathogenic Fungi of Animals, Particularly Aspergillus spp.: Molecular and Therapeutic Implications. Frontiers in Microbiology, 2019, 10, 2859.	3.5	29

#	Article	IF	Citations
19	Distinctive properties of the catalase B ofAspergillus nidulans. FEBS Letters, 2000, 475, 117-120.	2.8	27
20	Novel Zinc-Attenuating Compounds as Potent Broad-Spectrum Antifungal Agents with <i>In Vitro</i> and <i>In Vivo</i> Efficacy. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	20
21	Culture conditions for zinc- and pH-regulated gene expression studies in Aspergillus fumigatus. International Microbiology, 2007, 10, 187-92.	2.4	19
22	Immunoblotting patterns in the serodiagnosis of aspergilloma: Antibody response to the 90 kDaAspergillus fumigatus antigen. European Journal of Clinical Microbiology and Infectious Diseases, 1996, 15, 146-152.	2.9	16
23	At the metalâ€“metabolite interface in Aspergillus fumigatus: towards untangling the intersecting roles of zinc and gliotoxin. Microbiology (United Kingdom), 2021, 167, .	1.8	16
24	Aspergillus fumigatus antigens. Microbiology (United Kingdom), 1995, 141, 2699-2704.	1.8	15
25	The interplay between zinc and iron homeostasis in <i>Aspergillus fumigatus</i> under zincâ€replete conditions relies on the ironâ€mediated regulation of alternative transcription units of <i>zafA</i> and the basal amount of the ZafA zincâ€responsiveness transcription factor. Environmental Microbiology, 2019, 21, 2787-2808.	3.8	15
26	Identification of a putative histidine kinase twoâ€component phosphorelay gene (CaHK1) in Candida albicans. Yeast, 1998, 14, 665-674.	1.7	5
27	A Novel Polyaminocarboxylate Compound To Treat Murine Pulmonary Aspergillosis by Interfering with Zinc Metabolism. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	3
28	Regulation of zinc homeostatic genes by environmental <scp>pH</scp> in the filamentous fungus <i>Aspergillus fumigatus</i>. Environmental Microbiology, 2022, 24, 643-666.	3.8	3
29	Cations (Zn, Fe). , 0, , 107-129.		2