# JosÃ© Antonio Calera

List of Publications by Year
in descending order



| 29 | 1,455 | 361413 20 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 31 | 31 | 31 | 1133 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regulation of zinc homeostatic genes by environmental <scp>pH</scp> in the filamentous fungus Aspergillus fumigatus. Environmental Microbiology, 2022, 24, 643-666. | 3.8 | 3 |
| 2 | 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 |
| 3 | The interplay between zinc and iron homeostasis in Aspergillus fumigatus under zincâ€replete conditions relies on the ironâ€mediated regulation of alternative transcription units of zafA and the basal amount of the ZafA zincâ€responsiveness transcription factor. Environmental Microbiology, 2019, 21, 2787-2808. | 3.8 | 15 |
| 4 | 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 |
| 5 | Novel Zinc-Attenuating Compounds as Potent Broad-Spectrum Antifungal Agents with In Vitro and In Vivo Efficacy. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 3.2 | 20 |
| 6 | A Novel Polyaminocarboxylate Compound To Treat Murine Pulmonary Aspergillosis by Interfering with Zinc Metabolism. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 3.2 | 3 |
| 7 | The Transcription Factor ZafA Regulates the Homeostatic and Adaptive Response to Zinc Starvation in Aspergillus fumigatus. Genes, 2018, 9, 318. | 2.4 | 39 |
| 8 | 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 |
| 9 | Zinc and Manganese Chelation by Neutrophil S100A8/A9 (Calprotectin) Limits Extracellular Aspergillus fumigatus Hyphal Growth and Corneal Infection. Journal of Immunology, 2016, 196, 336-344. | 0.8 | 130 |
| 10 | Targeting zinc homeostasis to combat Aspergillus fumigatus infections. Frontiers in Microbiology, 2015, 6, 160. | 3.5 | 31 |
| 11 | The ZrfC alkaline zinc transporter is required forAspergillus fumigatusvirulence and its growth in the presence of the Zn/Mn-chelating protein calprotectin. Cellular Microbiology, 2014, 16, 548-564. | 2.1 | 70 |
| 12 | Zinc Acquisition: A Key Aspect in Aspergillus fumigatus Virulence. Mycopathologia, 2014, 178, 379-385. | 3.1 | 54 |
| 13 | Aspergillus fumigatus Survival in Alkaline and Extreme Zinc-Limiting Environments Relies on the Induction of a Zinc Homeostasis System Encoded by the zrfC and aspf2 Genes. Eukaryotic Cell, 2010, 9, 424-437. | 3.4 | 94 |
| 14 | 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 |
| 15 | 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 |
| 16 | Culture conditions for zinc- and pH-regulated gene expression studies in Aspergillus fumigatus. International Microbiology, 2007, 10, 187-92. | 2.4 | 19 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Identification ofYPD1, a gene ofCandida albicans which encodes a two-component phosphohistidine intermediate protein. Yeast, 2000, 16, 1053-1059. | 1.7 | 56 |
| 21 | 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 |
| 22 | Distinctive properties of the catalase B ofAspergillus nidulans. FEBS Letters, 2000, 475, 117-120. | 2.8 | 27 |
| 23 | 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 |
| 24 | Identification of a putative response regulator two-component phosphorelay gene (CaSSK1) fromCandida albicans. Yeast, 1999, 15, 1243-1254. | 1.7 | 50 |
| 25 | Identification of a putative histidine kinase two-component phosphorelay gene (CaHK1) inCandida albicans. Yeast, 1998, 14, 665-674. | 1.7 | 74 |
| 26 | Identification of a putative histidine kinase twoâ€component phosphorelay gene (CaHK1) in Candida albicans. Yeast, 1998, 14, 665-674. | 1.7 | 5 |
| 27 | 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 |
| 28 | Aspergillus fumigatus antigens. Microbiology (United Kingdom), 1995, 141, 2699-2704. | 1.8 | 15 |
| 29 | Cations (Zn, Fe). , 0, , 107-129. | | 2 |