Chen Ding

List of Publications by Year
in descending order

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35 papers	1,629 citations	361413 20 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	2242 citing authors

#	Article	IF	Citations
1	Copper in Microbial Pathogenesis: Meddling with the Metal. Cell Host and Microbe, 2012, 11, 106-115.	11.0	241
2	Cryptococcus neoformans Copper Detoxification Machinery Is Critical for Fungal Virulence. Cell Host and Microbe, 2013, 13, 265-276.	11.0	167
3	The copper regulon of the human fungal pathogen Cryptococcus neoformans H99. Molecular Microbiology, 2011, 81, 1560-1576.	2.5	105
4	Iron and copper as virulence modulators in human fungal pathogens. Molecular Microbiology, 2014, 93, 10-23.	2.5	103
5	Reciprocal functions of Cryptococcus neoformans copper homeostasis machinery during pulmonary infection and meningoencephalitis. Nature Communications, 2014, 5, 5550.	12.8	96
6	Correlation between Biofilm Formation and the Hypoxic Response in Candida parapsilosis. Eukaryotic Cell, 2009, 8, 550-559.	3.4	83
7	The Role of Copper Homeostasis at the Host-Pathogen Axis: From Bacteria to Fungi. International Journal of Molecular Sciences, 2019, 20, 175.	4.1	82
8	Development of a Gene Knockout System in Candida parapsilosis Reveals a Conserved Role for BCR1 in Biofilm Formation. Eukaryotic Cell, 2007, 6, 1310-1319.	3.4	76
9	Conserved and Divergent Roles of Bcr1 and CFEM Proteins in Candida parapsilosis and Candida albicans. PLoS ONE, 2011, 6, e28151.	2.5	76
10	Pseudomonas aeruginosa secreted factors impair biofilm development in Candida albicans. Microbiology (United Kingdom), 2010, 156, 1476-1486.	1.8	73
11	Using RNA-seq to determine the transcriptional landscape and the hypoxic response of the pathogenic yeast Candida parapsilosis. BMC Genomics, 2011, 12, 628.	2.8	68
12	A lytic polysaccharide monooxygenase-like protein functions in fungal copper import and meningitis. Nature Chemical Biology, 2020, 16, 337-344.	8.0	61
13	Fungal acetylome comparative analysis identifies an essential role of acetylation in human fungal pathogen virulence. Communications Biology, 2019, 2, 154.	4.4	38
14	Development of nose-to-brain delivery of ketoconazole by nanostructured lipid carriers against cryptococcal meningoencephalitis in mice. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110446.	5.0	37
15	Zn₃Ga₂Ge₂O₁₀:Cr³⁺ Uniform Microspheres: Template-Free Synthesis, Tunable Bandgap/Trap Depth, and In Vivo Rechargeable Near-Infrared-Persistent Luminescence. ACS Applied Bio Materials, 2019, 2, 577-587.	4.6	35
16	Chronic hyperglycemia induced via the heterozygous knockout of Pdx1 worsens neuropathological lesion in an Alzheimer mouse model. Scientific Reports, 2016, 6, 29396.	3.3	34
17	Genomeâ€wide analysis of the regulation of Cu metabolism in Cryptococcus neoformans. Molecular Microbiology, 2018, 108, 473-494.	2.5	34
18	Unveil the transcriptional landscape at the Cryptococcus-host axis in mice and nonhuman primates. PLoS Neglected Tropical Diseases, 2019, 13, e0007566.	3.0	31

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19	Full characterization of the Cu-, Zn-, and Cd-binding properties of CnMT1 and CnMT2, two metallothioneins of the pathogenic fungus Cryptococcus neoformans acting as virulence factors. Metallomics, 2014, 6, 279-291.	2.4	28
20	The mitochondrial ABC transporter Atm1 plays a role in iron metabolism and virulence in the human fungal pathogen Cryptococcus neoformans. Medical Mycology, 2018, 56, 458-468.	0.7	27
21	Investigation of Cryptococcus neoformans magnesium transporters reveals important role of vacuolar magnesium transporter in regulating fungal virulence factors. MicrobiologyOpen, 2018, 7, e00564.	3.0	19
22	Genetic and molecular mechanism for distinct clinical phenotypes conveyed by allelic truncating mutations implicated in FBN1. Molecular Genetics & Genomic Medicine, 2020, 8, e1023.	1.2	19
23	Inhibition of copper transporter 1 prevents Î±-synuclein pathology and alleviates nigrostriatal degeneration in AAV-based mouse model of Parkinson's disease. Redox Biology, 2021, 38, 101795.	9.0	17
24	Striking Back against Fungal Infections: The Utilization of Nanosystems for Antifungal Strategies. International Journal of Molecular Sciences, 2021, 22, 10104.	4.1	15
25	Transcriptomic Analysis of Extracellular RNA Governed by the Endocytic Adaptor Protein Cin1 of Cryptococcus deneoformans. Frontiers in Cellular and Infection Microbiology, 2020, 10, 256.	3.9	12
26	Integrative Proteome and Acetylome Analyses of Murine Responses to Cryptococcus neoformans Infection. Frontiers in Microbiology, 2020, 11, 575.	3.5	12
27	Identification and assessment of pulmonary Cryptococcus neoformans infection by blood serum surface-enhanced Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 260, 119978.	3.9	9
28	Risk factors and biofilm formation analyses of hospital-acquired infection of Candida pelliculosa in a neonatal intensive care unit. BMC Infectious Diseases, 2021, 21, 620.	2.9	7
29	Comparative miRNA transcriptomics of macaques and mice reveals MYOC is an inhibitor for Cryptococcus neoformans invasion into the brain. Emerging Microbes and Infections, 2022, 11, 1572-1585.	6.5	6
30	Metabolomic alterations associated with copper stress in Cryptococcus neoformans. Future Microbiology, 2021, 16, 305-316.	2.0	5
31	Proteomic Analysis of Copper Toxicity in Human Fungal Pathogen Cryptococcus neoformans. Frontiers in Cellular and Infection Microbiology, 2021, 11, 662404.	3.9	5
32	Essential Metals in Cryptococcus neoformans: Acquisition and Regulation. Current Fungal Infection Reports, 2014, 8, 153-162.	2.6	2
33	Prediction Method for Lysine Acetylation Sites Based on LSTM Network. , 2019, , .		2
34	Nutrition-Associated Processes Govern Fungal Pathogenicity. Infectious Microbes & Diseases, 2021, 3, 69-78.	1.3	2
35	Pathogen-Host Interaction Repertoire at Proteome and Posttranslational Modification Levels During Fungal Infections. Frontiers in Cellular and Infection Microbiology, 2021, 11, 774340.	3.9	2