Guanghua Huang

List of Publications by Year
in descending order

57 papers	2,679 citations	236925 25 h-index	189892 50 g-index
60 all docs	60 docs citations	60 times ranked	1915 citing authors

#	Article	IF	Citations
1	A case of <i>Candida auris</i> candidemia in Xiamen, China, and a comparative analysis of clinical isolates in China. Mycology, 2022, 13, 68-75.	4.4	10
2	Candida albicans MTLa2 regulates the mating response through both the a-factor and Î±-factor sensing pathways. Fungal Genetics and Biology, 2022, 159, 103664.	2.1	0
3	<i>Streptococcus mutans</i> suppresses filamentous growth of <i>Candida albicans</i> through secreting mutanocyclin, an unacylated tetramic acid. Virulence, 2022, 13, 542-557.	4.4	10
4	<i>Candida auris</i> infections in China. Virulence, 2022, 13, 589-591.	4.4	9
5	Innate immune responses against the fungal pathogen Candida auris. Nature Communications, 2022, 13, .	12.8	30
6	Ploidy Variation and Spontaneous Haploid-Diploid Switching of Candida glabrata Clinical Isolates. MSphere, 2022, 7, .	2.9	3
7	Filamentous growth is a general feature of <i>Candida auris</i> clinical isolates. Medical Mycology, 2021, 59, 734-740.	0.7	19
8	A biological and genomic comparison of a drug-resistant and a drug-susceptible strain of <i>Candida auris</i> isolated from Beijing, China. Virulence, 2021, 12, 1388-1399.	4.4	11
9	Genomic epidemiology of <i>Candida auris</i> in a general hospital in Shenyang, China: a three-year surveillance study. Emerging Microbes and Infections, 2021, 10, 1088-1096.	6.5	21
10	Biological and genomic analyses of a clinical isolate of Yarrowia galli from China. Current Genetics, 2020, 66, 549-559.	1.7	2
11	Experimental Evolution Identifies Adaptive Aneuploidy as a Mechanism of Fluconazole Resistance in Candida auris. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	46
12	Candida auris: Epidemiology, biology, antifungal resistance, and virulence. PLoS Pathogens, 2020, 16, e1008921.	4.7	270
13	The PHO pathway regulates whiteâ€“opaque switching and sexual mating in the human fungal pathogen Candida albicans. Current Genetics, 2020, 66, 1155-1162.	1.7	4
14	N-Acetylglucosamine (GlcNAc) Sensing, Utilization, and Functions in Candida albicans. Journal of Fungi (Basel, Switzerland), 2020, 6, 129.	3.5	9
15	Discovery of the Diploid Form of the Emerging Fungal Pathogen <i>Candida auris</i>. ACS Infectious Diseases, 2020, 6, 2641-2646.	3.8	10
16	The Als3 Cell Wall Adhesin Plays a Critical Role in Human Serum Amyloid A1-Induced Cell Death and Aggregation in Candida albicans. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	8
17	Genetic regulation of the development of mating projections in <i>Candida albicans</i>. Emerging Microbes and Infections, 2020, 9, 413-426.	6.5	3
18	Environment-induced same-sex mating in the yeast Candida albicans through the Hsf1â€“Hsp90 pathway. PLoS Biology, 2019, 17, e2006966.	5.6	19

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19	The general transcriptional repressor Tup1 governs filamentous development in. Acta Biochimica Et Biophysica Sinica, 2019, 51, 463-470.	2.0	4
20	Antifungal Activity of Mammalian Serum Amyloid A1 against <i>Candida albicans</i>. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	7
21	Multiple roles and diverse regulation of the Ras/cAMP/protein kinase A pathway in <i>Candida albicans</i>. Molecular Microbiology, 2019, 111, 6-16.	2.5	64
22	Revision of the medically relevant species of the yeast genus<i>Diutina</i>. Medical Mycology, 2019, 57, 226-233.	0.7	11
23	Filamentation in <i>Candida auris</i>, an emerging fungal pathogen of humans: passage through the mammalian body induces a heritable phenotypic switch. Emerging Microbes and Infections, 2018, 7, 1-13.	6.5	105
24	The first isolate of <i>Candida auris</i> in China: clinical and biological aspects. Emerging Microbes and Infections, 2018, 7, 1-9.	6.5	126
25	A coupled process of same- and opposite-sex mating generates polyploidy and genetic diversity in Candida tropicalis. PLoS Genetics, 2018, 14, e1007377.	3.5	14
26	Global regulatory roles of the c<scp>AMP/PKA</scp> pathway revealed by phenotypic, transcriptomic and phosphoproteomic analyses in a null mutant of the <scp>PKA</scp> catalytic subunit in <i><scp>C</scp>andida albicans</i>. Molecular Microbiology, 2017, 105, 46-64.	2.5	60
27	Environmental and genetic regulation of whiteâ€opaque switching in <i>Candida tropicalis</i>. Molecular Microbiology, 2017, 106, 999-1017.	2.5	20
28	Integration of the tricarboxylic acid (TCA) cycle with cAMP signaling and Sfl2 pathways in the regulation of CO2 sensing and hyphal development in Candida albicans. PLoS Genetics, 2017, 13, e1006949.	3.5	58
29	Epigenetic Switching in the Human Fungal Pathogen Candida albicans. Epigenetics and Human Health, 2017, , 175-187.	0.2	0
30	The gray phenotype and tristable phenotypic transitions in the human fungal pathogen Candida tropicalis. Fungal Genetics and Biology, 2016, 93, 10-16.	2.1	13
31	Lactic acid bacteria differentially regulate filamentation in two heritable cell types of the human fungal pathogen <i>Candida albicans</i>. Molecular Microbiology, 2016, 102, 506-519.	2.5	29
32	Beauvericin counteracted multi-drug resistant Candida albicans by blocking ABC transporters. Synthetic and Systems Biotechnology, 2016, 1, 158-168.	3.7	31
33	Regulation of filamentation in the human fungal pathogen <scp><i>C</i></scp><i>andida tropicalis</i>. Molecular Microbiology, 2016, 99, 528-545.	2.5	34
34	Role of the N-acetylglucosamine kinase (Hxk1) in the regulation of white-gray-opaque tristable phenotypic transitions in C. albicans. Fungal Genetics and Biology, 2016, 92, 26-32.	2.1	11
35	Environmental pH adaption and morphological transitions in Candida albicans. Current Genetics, 2016, 62, 283-286.	1.7	37
36	Phenotypic diversity and correlation between whiteâ€“opaque switching and the CAI microsatellite locus in Candida albicans. Current Genetics, 2016, 62, 585-593.	1.7	10

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37	Discovery of the gray phenotype and white-gray-opaque tristable phenotypic transitions in<i>Candida dubliniensis</i>. Virulence, 2016, 7, 230-242.	4.4	15
38	The Regulatory Subunit of Protein Kinase A (Bcy1) in Candida albicans Plays Critical Roles in Filamentation and White-Opaque Switching but Is Not Essential for Cell Growth. Frontiers in Microbiology, 2016, 7, 2127.	3.5	19
39	The zinc-finger transcription factor, Ofi1, regulates white–opaque switching and filamentation in the yeast <italic>Candida albicans</italic>. Acta Biochimica Et Biophysica Sinica, 2015, 47, 335-341.	2.0	16
40	The mitochondrial protein Mcu1 plays important roles in carbon source utilization, filamentation, and virulence in Candida albicans. Fungal Genetics and Biology, 2015, 81, 150-159.	2.1	20
41	pH Regulates White-Opaque Switching and Sexual Mating in Candida albicans. Eukaryotic Cell, 2015, 14, 1127-1134.	3.4	34
42	<i>N</i> -Acetylglucosamine-Induced Cell Death in Candida albicans and Its Implications for Adaptive Mechanisms of Nutrient Sensing in Yeasts. MBio, 2015, 6, e01376-15.	4.1	35
43	Discovery of a â€œWhite-Gray-Opaqueâ€•Tristable Phenotypic Switching System in Candida albicans: Roles of Non-genetic Diversity in Host Adaptation. PLoS Biology, 2014, 12, e1001830.	5.6	122
44	White Cells Facilitate Opposite- and Same-Sex Mating of Opaque Cells in Candida albicans. PLoS Genetics, 2014, 10, e1004737.	3.5	23
45	N-acetylglucosamine-induced white-to-opaque switching in Candida albicans is independent of the Wor2 transcription factor. Fungal Genetics and Biology, 2014, 62, 71-77.	2.1	9
46	White-Opaque Switching in Natural MTLa/Î± Isolates of Candida albicans: Evolutionary Implications for Roles in Host Adaptation, Pathogenesis, and Sex. PLoS Biology, 2013, 11, e1001525.	5.6	107
47	<scp>Bcr</scp>1 plays a central role in the regulation of opaque cell filamentation in <i><scp>C</scp>andida albicans</i>. Molecular Microbiology, 2013, 89, 732-750.	2.5	36
48	Regulation of phenotypic transitions in the fungal pathogen<i>Candida albicans</i>. Virulence, 2012, 3, 251-261.	4.4	130
49	<i>N</i> -Acetylglucosamine Induces White-to-Opaque Switching and Mating in Candida tropicalis, Providing New Insights into Adaptation and Fungal Sexual Evolution. Eukaryotic Cell, 2012, 11, 773-782.	3.4	58
50	Roles of Candida albicans Gat2, a GATA-Type Zinc Finger Transcription Factor, in Biofilm Formation, Filamentous Growth and Virulence. PLoS ONE, 2012, 7, e29707.	2.5	61
51	The transcription factor Flo8 mediates CO₂sensing in the human fungal pathogen<i>Candida albicans</i>. Molecular Biology of the Cell, 2012, 23, 2692-2701.	2.1	51
52	Self-Induction of a / a or Î±/Î± Biofilms in Candida albicans Is a Pheromone-Based Paracrine System Requiring Switching. Eukaryotic Cell, 2011, 10, 753-760.	3.4	22
53	Alternative Mating Type Configurations (a/Î± versus a/a or Î±/Î±) of Candida albicans Result in Alternative Biofilms Regulated by Different Pathways. PLoS Biology, 2011, 9, e1001117.	5.6	73
54	Tec1 Mediates the Pheromone Response of the White Phenotype of Candida albicans: Insights into the Evolution of New Signal Transduction Pathways. PLoS Biology, 2010, 8, e1000363.	5.6	85

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55	N-Acetylglucosamine Induces White to Opaque Switching, a Mating Prerequisite in Candida albicans. PLoS Pathogens, 2010, 6, e1000806.	4.7	180
56	CO2 Regulates White-to-Opaque Switching in Candida albicans. Current Biology, 2009, 19, 330-334.	3.9	160
57	Bistable expression of WOR1, a master regulator of white-opaque switching in Candida albicans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12813-12818.	7.1	277