Alexandra Brand

List of Publications by Year
in descending order

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31 papers	2,143 citations	393982 19 h-index	433756 31 g-index
33 all docs	33 docs citations	33 times ranked	2546 citing authors

#	Article	IF	Citations
1	Host carbon sources modulate cell wall architecture, drug resistance and virulence in a fungal pathogen. Cellular Microbiology, 2012, 14, 1319-1335.	1.1	274
2	Ectopic Expression of URA3 Can Influence the Virulence Phenotypes and Proteome of Candida albicans but Can Be Overcome by Targeted Reintegration of URA3 at the RPS10 Locus. Eukaryotic Cell, 2004, 3, 900-909.	3.4	254
3	Mnt1p and Mnt2p of Candida albicans Are Partially Redundant Î±-1,2-Mannosyltransferases That Participate in O-Linked Mannosylation and Are Required for Adhesion and Virulence. Journal of Biological Chemistry, 2005, 280, 1051-1060.	1.6	173
4	Cell Wall Remodeling Enzymes Modulate Fungal Cell Wall Elasticity and Osmotic Stress Resistance. MBio, 2015, 6, e00986.	1.8	169
5	Hyphal Orientation of Candida albicans Is Regulated by a Calcium-Dependent Mechanism. Current Biology, 2007, 17, 347-352.	1.8	140
6	Hyphal Growth in Human Fungal Pathogens and Its Role in Virulence. International Journal of Microbiology, 2012, 2012, 1-11.	0.9	135
7	Mechanisms of hypha orientation of fungi. Current Opinion in Microbiology, 2009, 12, 350-357.	2.3	128
8	A Multifunctional Mannosyltransferase Family in Candida albicans Determines Cell Wall Mannan Structure and Host-Fungus Interactions. Journal of Biological Chemistry, 2010, 285, 12087-12095.	1.6	106
9	Calcineurin Controls Drug Tolerance, Hyphal Growth, and Virulence in Candida dubliniensis. Eukaryotic Cell, 2011, 10, 803-819.	3.4	97
10	Cell wall glycans and soluble factors determine the interactions between the hyphae ofCandida albicansandPseudomonas aeruginosa. FEMS Microbiology Letters, 2008, 287, 48-55.	0.7	80
11	An atomic force microscopy analysis of yeast mutants defective in cell wall architecture. Yeast, 2010, 27, 673-684.	0.8	69
12	Effect of the Novel Antifungal Drug F901318 (Olorofim) on Growth and Viability of Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	65
13	Calcium homeostasis is required for contactâ€dependent helical and sinusoidal tip growth in Candida albicans hyphae. Molecular Microbiology, 2009, 71, 1155-1164.	1.2	60
14	Contact-induced apical asymmetry drives the thigmotropic responses ofCandida albicanshyphae. Cellular Microbiology, 2015, 17, 342-354.	1.1	56
15	An Internal Polarity Landmark Is Important for Externally Induced Hyphal Behaviors in Candida albicans. Eukaryotic Cell, 2008, 7, 712-720.	3.4	55
16	Generation of living cell arrays for atomic force microscopy studies. Nature Protocols, 2015, 10, 199-204.	5.5	55
17	Multiparametric imaging of adhesive nanodomains at the surface of Candida albicans by atomic force microscopy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 57-65.	1.7	45
18	Cdc42 GTPase dynamics control directional growth responses. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 811-816.	3.3	38

#	Article	IF	Citations
19	Fig1 Facilitates Calcium Influx and Localizes to Membranes Destined To Undergo Fusion during Mating in Candida albicans. Eukaryotic Cell, 2011, 10, 435-444.	3.4	37
20	Thigmo Responses: The Fungal Sense of Touch. Microbiology Spectrum, 2017, 5, .	1.2	20
21	Tropic Orientation Responses of Pathogenic Fungi. Topics in Current Genetics, 2012, , 21-41.	0.7	14
22	The Candida albicans Exocyst Subunit Sec6 Contributes to Cell Wall Integrity and Is a Determinant of Hyphal Branching. Eukaryotic Cell, 2015, 14, 684-697.	3.4	12
23	High frame-rate resolution of cell division during Candida albicans filamentation. Fungal Genetics and Biology, 2016, 88, 54-58.	0.9	12
24	Microfabrication and its use in investigating fungal biology. Molecular Microbiology, 2022, 117, 569-577.	1.2	10
25	Crosstalk between calcineurin and the cell wall integrity pathways prevents chitin overexpression in Candida albicans. Journal of Cell Science, 2021, , .	1.2	8
26	A conserved fungal hub protein involved in adhesion and drug resistance in the human pathogen Candida albicans. Cell Surface, 2018, 4, 10-19.	1.5	6
27	Multi trace element profiling in pathogenic and non-pathogenic fungi. Fungal Biology, 2020, 124, 516-524.	1.1	6
28	Rax2 is important for directional establishment of growth sites, but not for reorientation of growth axes, during Candida albicans hyphal morphogenesis. Fungal Genetics and Biology, 2013, 56, 116-124.	0.9	5
29	The power of discussion: Support for women at the fungal Gordon Research Conference. Fungal Genetics and Biology, 2018, 121, 65-67.	0.9	2
30	Rsr1 Palmitoylation and GTPase Activity Status Differentially Coordinate Nuclear, Septin, and Vacuole Dynamics in Candida albicans. MBio, 2020, 11, .	1.8	2
31	Thigmo Responses: The Fungal Sense of Touch. , 2017, , 487-507.		0