Teresa R O'meara

List of Publications by Year
in descending order

34 papers	1,946 citations	304743 22 h-index	454955 30 g-index
40 all docs	40 docs citations	40 times ranked	2255 citing authors

#	Article	IF	Citations
1	DeORFanizing Candida albicans Genes using Coexpression. MSphere, 2021, 6, .	2.9	11
2	Germination of a Field: Women in Candida albicans Research. Current Clinical Microbiology Reports, 2021, 8, 139-151.	3.4	0
3	Mitochondrial perturbation reduces susceptibility to xenobiotics through altered efflux inCandida albicans. Genetics, 2021, 219, .	2.9	11
4	Adaptive immunity induces mutualism between commensal eukaryotes. Nature, 2021, 596, 114-118.	27.8	110
5	Metagenomic Sequencing for Direct Identification of Candida auris Colonization. MSphere, 2021, 6, e0063821.	2.9	1
6	A small molecule produced by Lactobacillus species blocks Candida albicans filamentation by inhibiting a DYRK1-family kinase. Nature Communications, 2021, 12, 6151.	12.8	50
7	Leveraging machine learning essentiality predictions and chemogenomic interactions to identify antifungal targets. Nature Communications, 2021, 12, 6497.	12.8	33
8	Forward and reverse genetic dissection of morphogenesis identifies filament-competent Candida auris strains. Nature Communications, 2021, 12, 7197.	12.8	32
9	Reengineering biocatalysts: Computational redesign of chondroitinase ABC improves efficacy and stability. Science Advances, 2020, 6, eabc6378.	10.3	28
10	Systems biology of host-Candida interactions: understanding how we shape each other. Current Opinion in Microbiology, 2020, 58, 1-7.	5.1	0
11	Monitoring Inflammasome Priming and Activation in Response to Candida albicans. Current Protocols in Microbiology, 2020, 59, e124.	6.5	2
12	Global proteomic analyses define an environmentally contingent Hsp90 interactome and reveal chaperone-dependent regulation of stress granule proteins and the R2TP complex in a fungal pathogen. PLoS Biology, 2019, 17, e3000358.	5.6	34
13	mSphere of Influence: Start with an Interesting Biological Phenomenon. MSphere, 2019, 4, .	2.9	0
14	A natural histone H2A variant lacking the Bub1 phosphorylation site and regulated depletion of centromeric histone CENP-A foster evolvability in Candida albicans. PLoS Biology, 2019, 17, e3000331.	5.6	16
15	Proteinâ€“Protein Interaction Profiling in Candida albicans Revealed by Biochemical Purificationâ€“Mass Spectrometry (BP/MS). Methods in Molecular Biology, 2019, 2049, 203-211.	0.9	0
16	Integrin-based diffusion barrier separates membrane domains enabling the formation of microbiostatic frustrated phagosomes. ELife, 2018, 7, .	6.0	41
17	High-Throughput Screening Identifies Genes Required for Candida albicans Induction of Macrophage Pyroptosis. MBio, 2018, 9, .	4.1	58
18	Tuning Hsf1 levels drives distinct fungal morphogenetic programs with depletion impairing Hsp90 function and overexpression expanding the target space. PLoS Genetics, 2018, 14, e1007270.	3.5	42

#	Article	IF	Citations
19	Insights into the host-pathogen interaction: C. albicans manipulation of macrophage pyroptosis. Microbial Cell, 2018, 5, 566-568.	3.2	11
20	Staurosporine Induces Filamentation in the Human Fungal Pathogen Candida albicans via Signaling through Cyr1 and Protein Kinase A. MSphere, 2017, 2, .	2.9	17
21	The Hsp90 Chaperone Network Modulates Candida Virulence Traits. Trends in Microbiology, 2017, 25, 809-819.	7.7	63
22	Extensive functional redundancy in the regulation of <scp>C</scp>andida albicans drug resistance and morphogenesis by lysine deacetylases <scp>H</scp>os2, <scp>H</scp>da1, <scp>R</scp>pd3 and <scp>R</scp>pd31. Molecular Microbiology, 2017, 103, 635-656.	2.5	31
23	Mapping the Hsp90 Genetic Network Reveals Ergosterol Biosynthesis and Phosphatidylinositol-4-Kinase Signaling as Core Circuitry Governing Cellular Stress. PLoS Genetics, 2016, 12, e1006142.	3.5	36
24	Fitness Trade-Offs Associated with the Evolution of Resistance to Antifungal Drug Combinations. Cell Reports, 2015, 10, 809-819.	6.4	58
25	The Cryptococcus neoformans Alkaline Response Pathway: Identification of a Novel Rim Pathway Activator. PLoS Genetics, 2015, 11, e1005159.	3.5	80
26	Global analysis of fungal morphology exposes mechanisms of host cell escape. Nature Communications, 2015, 6, 6741.	12.8	191
27	Opportunistic yeast pathogens: reservoirs, virulence mechanisms, and therapeutic strategies. Cellular and Molecular Life Sciences, 2015, 72, 2261-2287.	5.4	63
28	Hsp90-dependent regulatory circuitry controlling temperature-dependent fungal development and virulence. Cellular Microbiology, 2014, 16, 473-481.	2.1	40
29	The Cryptococcus neoformans Rim101 Transcription Factor Directly Regulates Genes Required for Adaptation to the Host. Molecular and Cellular Biology, 2014, 34, 673-684.	2.3	73
30	Cryptococcus neoformans Rim101 Is Associated with Cell Wall Remodeling and Evasion of the Host Immune Responses. MBio, 2013, 4, .	4.1	107
31	The Cryptococcus neoformans Capsule: a Sword and a Shield. Clinical Microbiology Reviews, 2012, 25, 387-408.	13.6	291
32	Cryptococcal Titan Cell Formation Is Regulated by G-Protein Signaling in Response to Multiple Stimuli. Eukaryotic Cell, 2011, 10, 1306-1316.	3.4	105
33	Interaction of Cryptococcus neoformans Rim101 and Protein Kinase A Regulates Capsule. PLoS Pathogens, 2010, 6, e1000776.	4.7	172
34	Cryptococcus neoformans Histone Acetyltransferase Gcn5 Regulates Fungal Adaptation to the Host. Eukaryotic Cell, 2010, 9, 1193-1202.	3.4	78