Michael C Lorenz

List of Publications by Citations

36 papers	3,527 citations	24 h-index	39 g-index
39 ext. papers	4,171 ext. citations	8.5 avg, IF	5.53 L-index

#	Paper	IF	Citations
36	Evolution of pathogenicity and sexual reproduction in eight Candida genomes. *Nature*, **2009**, 459, 657-62	50.4	764
35	The glyoxylate cycle is required for fungal virulence. *Nature*, **2001**, 412, 83-6	50.4	585
34	Transcriptional response of Candida albicans upon internalization by macrophages. *Eukaryotic Cell*, **2004**, 3, 1076-87		575
33	A human-curated annotation of the Candida albicans genome. *PLoS Genetics*, **2005**, 1, 36-57	6	249
32	The fungal pathogen Candida albicans autoinduces hyphal morphogenesis by raising extracellular pH. *MBio*, **2011**, 2, e00055-11	7.8	215
31	Mutations in alternative carbon utilization pathways in Candida albicans attenuate virulence and confer pleiotropic phenotypes. *Eukaryotic Cell*, **2007**, 6, 280-90		127
30	bacteriocin EntV inhibits hyphal morphogenesis, biofilm formation, and virulence of. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 4507-4512	11.5	122
29	Enterococcus faecalis inhibits hyphal morphogenesis and virulence of Candida albicans. *Infection and Immunity*, **2013**, 81, 189-200	3.7	117
28	Modulation of phagosomal pH by Candida albicans promotes hyphal morphogenesis and requires Stp2p, a regulator of amino acid transport. *PLoS Pathogens*, **2014**, 10, e1003995	7.6	116
27	Fungal immune evasion in a model host-pathogen interaction: Candida albicans versus macrophages. *PLoS Pathogens*, **2013**, 9, e1003741	7.6	53
26	A feast for Candida: Metabolic plasticity confers an edge for virulence. *PLoS Pathogens*, **2017**, 13, e1006144	7.6	50
25	Candida albicans induces arginine biosynthetic genes in response to host-derived reactive oxygen species. *Eukaryotic Cell*, **2013**, 12, 91-100		49
24	Phagosomal Neutralization by the Fungal Pathogen Candida albicans Induces Macrophage Pyroptosis. *Infection and Immunity*, **2017**, 85,	3.7	46
23	Mechanisms of immune evasion in fungal pathogens. *Current Opinion in Microbiology*, **2011**, 14, 668-75	7.9	45
22	The transcription factor homolog CTF1 regulates {beta}-oxidation in Candida albicans. *Eukaryotic Cell*, **2009**, 8, 1604-14		43
21	Robust Extracellular pH Modulation by Candida albicans during Growth in Carboxylic Acids. *MBio*, **2016**, 7,	7.8	40
20	Candida albicans and Enterococcus faecalis in the gut: synergy in commensalism?. *Gut Microbes*, **2013**, 4, 409-15	8.8	35

19	Antimicrobial Peptides: a New Frontier in Antifungal Therapy. *MBio*, **2020**, 11,	7.8	34
18	Carnitine acetyltransferases are required for growth on non-fermentable carbon sources but not for pathogenesis in Candida albicans. *Microbiology (United Kingdom)*, **2008**, 154, 500-509	2.9	34
17	Characterization of Virulence-Related Phenotypes in Candida Species of the CUG Clade. *Eukaryotic Cell*, **2015**, 14, 931-40		32
16	The Candida albicans ATO Gene Family Promotes Neutralization of the Macrophage Phagolysosome. *Infection and Immunity*, **2015**, 83, 4416-26	3.7	32
15	Candida albicans suppresses nitric oxide generation from macrophages via a secreted molecule. *PLoS ONE*, **2014**, 9, e96203	3.7	30
14	The SPS amino acid sensor mediates nutrient acquisition and immune evasion in Candida albicans. *Cellular Microbiology*, **2016**, 18, 1611-1624	3.9	29
13	Multiple Alternative Carbon Pathways Combine To Promote Candida albicans Stress Resistance, Immune Interactions, and Virulence. *MBio*, **2020**, 11,	7.8	26
12	-Acetylglucosamine Metabolism Promotes Survival of in the Phagosome. *MSphere*, **2017**, 2,	5	22
11	Carbon catabolite control in Candida albicans: new wrinkles in metabolism. *MBio*, **2013**, 4, e00034-13	7.8	16
10	Antifungal Activity of the Enterococcus faecalis Peptide EntV Requires Protease Cleavage and Disulfide Bond Formation. *MBio*, **2019**, 10,	7.8	15
9	Carboxylic Acid Transporters in Pathogenesis. *MBio*, **2020**, 11,	7.8	12
8	The Paralogous Transcription Factors Stp1 and Stp2 of Candida albicans Have Distinct Functions in Nutrient Acquisition and Host Interaction. *Infection and Immunity*, **2020**, 88,	3.7	6
7	A marriage of old and new: chemostats and microarrays identify a new model system for ammonium toxicity. *PLoS Biology*, **2006**, 4, e388	9.7	5
6	N95 respirator reuse, decontamination methods, and microbial burden: A randomized controlled trial. *American Journal of Otolaryngology - Head and Neck Medicine and Surgery*, **2021**, 42, 103017	2.8	2
5	Interactions of Both Pathogenic and Nonpathogenic CUG Clade Species with Macrophages Share a Conserved Transcriptional Landscape.. *MBio*, **2021**, e0331721	7.8	1
4	Encodes a High-Specificity Proline Permease in Candida albicans.. *MBio*, **2022**, e0314221	7.8	0
3	Studying Fungal Virulence by Using Genomics589-P1		
2	Encounters with Mammalian Cells: Survival Strategies of Candida Species261-P1		

1 Genetic and Proteomic Analysis of Fungal Virulence643-655