Christina M Hull

List of Publications by Year in Descending Order

25 papers	538 citations	13 h-index	23 g-index
30 ext. papers	680 ext. citations	6 avg, IF	3.81 L-index

#	Paper	IF	Citations
25	Discovery of Fungus-Specific Targets and Inhibitors Using Chemical Phenotyping of Pathogenic Spore Germination. *MBio*, **2021**, 12, e0167221	7.8	0
24	Infectious particle identity determines dissemination and disease outcome for the inhaled human fungal pathogen Cryptococcus. *PLoS Pathogens*, **2019**, 15, e1007777	7.6	20
23	Spore Germination as a Target for Antifungal Therapeutics. *Antimicrobial Agents and Chemotherapy*, **2019**,	5.9	5
22	Inhaled Cryptococcus neoformans elicits allergic airway inflammation independent of Nuclear Factor Kappa B signalling in lung epithelial cells. *Immunology*, **2018**, 153, 513-522	7.8	4
21	Peptide-Like Nylon-3 Polymers with Activity against Phylogenetically Diverse, Intrinsically Drug-Resistant Pathogenic Fungi. *MSphere*, **2018**, 3,	5	5
20	Sporulation: how to survive on planet Earth (and beyond). *Current Genetics*, **2017**, 63, 831-838	2.9	36
19	Characterization of C-type lectins reveals an unexpectedly limited interaction between Cryptococcus neoformans spores and Dectin-1. *PLoS ONE*, **2017**, 12, e0173866	3.7	19
18	A Cationic Polymer That Shows High Antifungal Activity against Diverse Human Pathogens. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	24
17	Leveraging a high resolution microfluidic assay reveals insights into pathogenic fungal spore germination. *Integrative Biology (United Kingdom)*, **2016**, 8, 603-15	3.7	10
16	Transcriptional control of sexual development in Cryptococcus neoformans. *Journal of Microbiology* , **2016**, 54, 339-46	3	6
15	A Zebrafish Model of Cryptococcal Infection Reveals Roles for Macrophages, Endothelial Cells, and Neutrophils in the Establishment and Control of Sustained Fungemia. *Infection and Immunity*, **2016**, 84, 3047-62	3.7	25
14	Protein Composition of Infectious Spores Reveals Novel Sexual Development and Germination Factors in Cryptococcus. *PLoS Genetics*, **2015**, 11, e1005490	6	17
13	Targets of the Sex Inducer homeodomain proteins are required for fungal development and virulence in Cryptococcus neoformans. *Molecular Microbiology*, **2015**, 95, 804-18	4.1	15
12	Functional characterization of PMT2, encoding a protein-O-mannosyltransferase, in the human pathogen Cryptococcus neoformans. *Fungal Genetics and Biology*, **2014**, 69, 13-22	3.9	15
11	Developmental cell fate and virulence are linked to trehalose homeostasis in Cryptococcus neoformans. *Eukaryotic Cell*, **2014**, 13, 1158-68		11
10	Analysis of Cryptococcus neoformans sexual development reveals rewiring of the pheromone-response network by a change in transcription factor identity. *Genetics*, **2012**, 191, 435-49	4	21
9	Preventing phagocytosis takes more than a sweet disposition. *Cell Host and Microbe*, **2011**, 9, 174-175	23.4	1

List of Publications

8	Allelic exchange of pheromones and their receptors reprograms sexual identity in Cryptococcus neoformans. *PLoS Genetics*, **2010**, 6, e1000860	6	28
7	Dueling in the lung: how Cryptococcus spores race the host for survival. *Current Opinion in Microbiology*, **2010**, 13, 437-42	7.9	54
6	Isolation and characterization of Cryptococcus neoformans spores reveal a critical role for capsule biosynthesis genes in spore biogenesis. *Eukaryotic Cell*, **2009**, 8, 595-605		65
5	Elucidating the pathogenesis of spores from the human fungal pathogen Cryptococcus neoformans. *Infection and Immunity*, **2009**, 77, 3491-500	3.7	142
4	Cognate Site Identifier analysis reveals novel binding properties of the Sex Inducer homeodomain proteins of Cryptococcus neoformans. *Molecular Microbiology*, **2009**, 72, 1334-47	4.1	12
3	Single gene control of a complex phenotype hangs in the balance. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 12659-60	11.5	
2	Mating-Type Locus Control of Cell Identity59-73		3
1	Establishment of Cell Identity in Pathogenic Fungi133-141		