

# Meleah A Hickman

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

745  
citations

759233

12  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

808  
citing authors

#	ARTICLE	IF	CITATIONS
1	Host Defense Mechanisms Induce Genome Instability Leading to Rapid Evolution in an Opportunistic Fungal Pathogen. <i>Infection and Immunity</i> , 2022, 90, IA0032821.	2.2	7
2	Two Infection Assays to Study Non-Lethal Virulence Phenotypes in <i>C. Albicans</i> using <i>C. Elegans</i> . <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
3	The Interplay Between Neutral and Adaptive Processes Shapes Genetic Variation During <i>Candida</i> Species Evolution. <i>Current Clinical Microbiology Reports</i> , 2021, 8, 129-138.	3.4	3
4	Assessment of Course-Based Research Modules Based on Faculty Research in Introductory Biology. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	1.0	4
5	Virulence phenotypes result from interactions between pathogen ploidy and genetic background. <i>Ecology and Evolution</i> , 2020, 10, 9326-9338.	1.9	3
6	Host-Induced Genome Instability Rapidly Generates Phenotypic Variation across <i>Candida albicans</i> Strains and Ploidy States. <i>MSphere</i> , 2020, 5, .	2.9	12
7	Evolution of Distinct Responses to Low NAD <sup>+</sup> Stress by Rewiring the Sir2 Deacetylase Network in Yeasts. <i>Genetics</i> , 2020, 214, 855-868.	2.9	6
8	A Novel Virulence Phenotype Rapidly Assesses <i>Candida</i> Fungal Pathogenesis in Healthy and Immunocompromised <i>Caenorhabditis elegans</i> Hosts. <i>MSphere</i> , 2019, 4, .	2.9	21
9	The Magnitude of <i>Candida albicans</i> Stress-Induced Genome Instability Results from an Interaction Between Ploidy and Antifungal Drugs. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 4019-4027.	1.8	17
10	Ploidy tug-of-war: Evolutionary and genetic environments influence the rate of ploidy drive in a human fungal pathogen. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1025-1038.	2.3	42
11	Phenotypic Consequences of a Spontaneous Loss of Heterozygosity in a Common Laboratory Strain of <i>Candida albicans</i> . <i>Genetics</i> , 2016, 203, 1161-1176.	2.9	28
12	Parasexual Ploidy Reduction Drives Population Heterogeneity Through Random and Transient Aneuploidy in <i>Candida albicans</i> . <i>Genetics</i> , 2015, 200, 781-794.	2.9	98
13	Origin Replication Complex Binding, Nucleosome Depletion Patterns, and a Primary Sequence Motif Can Predict Origins of Replication in a Genome with Epigenetic Centromeres. <i>MBio</i> , 2014, 5, e01703-14.	4.1	21
14	The "obligate diploid" <i>Candida albicans</i> forms mating-competent haploids. <i>Nature</i> , 2013, 494, 55-59.	27.8	246
15	Reinventing Heterochromatin in Budding Yeasts: Sir2 and the Origin Recognition Complex Take Center Stage. <i>Eukaryotic Cell</i> , 2011, 10, 1183-1192.	3.4	47
16	High-Resolution SNP/CGH Microarrays Reveal the Accumulation of Loss of Heterozygosity in Commonly Used <i>Candida albicans</i> Strains. <i>G3: Genes, Genomes, Genetics</i> , 2011, 1, 523-530.	1.8	64
17	Transcriptional silencing functions of the yeast protein Orc1/Sir3 subfunctionalized after gene duplication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19384-19389.	7.1	48
18	The Sir2-Sum1 Complex Represses Transcription Using Both Promoter-Specific and Long-Range Mechanisms to Regulate Cell Identity and Sexual Cycle in the Yeast <i>Kluyveromyces lactis</i> . <i>PLoS Genetics</i> , 2009, 5, e1000710.	3.5	26

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19	Substitution as a Mechanism for Genetic Robustness: The Duplicated Deacetylases Hst1p and Sir2p in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2007, 3, e126.	3.5	48
20	Increased Virulence and Large-Scale Reduction in Genome Size of Tetraploid <i>Candida albicans</i> Evolved in Nematode Hosts. <i>Frontiers in Fungal Biology</i> , 0, 3, .	2.0	0