

Melanie Wellington

List of Publications by Year in descending order

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36
papers

1,501
citations

430874

18
h-index

434195

31
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42
all docs

42
docs citations

42
times ranked

2040
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Genetic Interaction Analysis Identifies a Transcription Factor Circuit Required for Oropharyngeal Candidiasis. MBio, 2022, 13, e0344721.	4.1	11
2	Candida albicans Filamentation Does Not Require the cAMP-PKA Pathway <i>In Vivo</i> . MBio, 2022, 13, e0085122.	4.1	12
3	<i>FKS1</i> Is Required for Cryptococcus neoformans Fitness <i>In Vivo</i> : Application of Copper-Regulated Gene Expression to Mouse Models of Cryptococcosis. MSphere, 2022, 7, e0016322.	2.9	1
4	Assessment of room quality of manual cleaning and turnaround times with and without ultraviolet light at an academic medical center. Infection Control and Hospital Epidemiology, 2021, 42, 107-108.	1.8	1
5	Suspected COVID-19 Reinfections at a Tertiary Care Center, Iowa, 2020. Open Forum Infectious Diseases, 2021, 8, ofab188.	0.9	0
6	#45: Phenotypic heterogeneity among isolates of <i>Candida albicans</i> from specific anatomical niches in VLBW premature infants. Journal of the Pediatric Infectious Diseases Society, 2021, 10, S14-S14.	1.3	0
7	Intravital Imaging of Candida albicans Identifies Differential <i>In Vitro</i> and <i>In Vivo</i> Filamentation Phenotypes for Transcription Factor Deletion Mutants. MSphere, 2021, 6, e0043621.	2.9	21
8	Stable Clostridioides difficile infection rates after the discontinuation of ultraviolet light for terminal disinfection at a tertiary care center, Iowa 2019-2020. American Journal of Infection Control, 2021, 49, 1567-1568.	2.3	3
9	Host Carbon Dioxide Concentration Is an Independent Stress for Cryptococcus neoformans That Affects Virulence and Antifungal Susceptibility. MBio, 2019, 10, .	4.1	12
10	Systematic Complex Haploinsufficiency-Based Genetic Analysis of <i>Candida albicans</i> Transcription Factors: Tools and Applications to Virulence-Associated Phenotypes. G3: Genes, Genomes, Genetics, 2018, 8, 1299-1314.	1.8	24
11	A Genome-Wide Screen of Deletion Mutants in the Filamentous Saccharomyces Cerevisiae Background Identifies Ergosterol as a Direct Trigger of Macrophage Pyroptosis. MBio, 2018, 9, .	4.1	44
12	High-Throughput Screening Identifies Genes Required for <i>Candida albicans</i> Induction of Macrophage Pyroptosis. MBio, 2018, 9, .	4.1	58
13	New facets of antifungal therapy. Virulence, 2017, 8, 222-236.	4.4	123
14	The Celecoxib Derivative AR-12 Has Broad-Spectrum Antifungal Activity <i>In Vitro</i> and Improves the Activity of Fluconazole in a Murine Model of Cryptococcosis. Antimicrobial Agents and Chemotherapy, 2016, 60, 7115-7127.	3.2	69
15	A Tetraploid Intermediate Precedes Aneuploid Formation in Yeasts Exposed to Fluconazole. PLoS Biology, 2014, 12, e1001815.	5.6	147
16	Catching Fire: Candida albicans, Macrophages, and Pyroptosis. PLoS Pathogens, 2014, 10, e1004139.	4.7	54
17	Estrogen Receptor Antagonists Are Anti-Cryptococcal Agents That Directly Bind EF Hand Proteins and Synergize with Fluconazole <i>In Vivo</i> . MBio, 2014, 5, e00765-13.	4.1	91
18	Candida albicans Triggers NLRP3-Mediated Pyroptosis in Macrophages. Eukaryotic Cell, 2014, 13, 329-340.	3.4	190

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19	Candida albicans Morphogenesis Is Not Required for Macrophage Interleukin 1 β Production. MBio, 2013, 4, e00433-12.	4.1	58
20	A Repurposing Approach Identifies Off-Patent Drugs with Fungicidal Cryptococcal Activity, a Common Structural Chemotype, and Pharmacological Properties Relevant to the Treatment of Cryptococcosis. Eukaryotic Cell, 2013, 12, 278-287.	3.4	81
21	The Spx Regulator Modulates Stress Responses and Virulence in Enterococcus faecalis. Infection and Immunity, 2012, 80, 2265-2275.	2.2	55
22	Imaging morphogenesis of Candida albicans during infection in a live animal. Journal of Biomedical Optics, 2010, 15, 010504.	2.6	19
23	Live <i>Candida albicans</i> Suppresses Production of Reactive Oxygen Species in Phagocytes. Infection and Immunity, 2009, 77, 405-413.	2.2	74
24	Nitrite Reductase NirS Is Required for Type III Secretion System Expression and Virulence in the Human Monocyte Cell Line THP-1 by <i>Pseudomonas aeruginosa</i> . Infection and Immunity, 2009, 77, 4446-4454.	2.2	51
25	Antifungal Activity of Tamoxifen: In Vitro and In Vivo Activities and Mechanistic Characterization. Antimicrobial Agents and Chemotherapy, 2009, 53, 3337-3346.	3.2	91
26	Serological Diagnosis of Infectious Diseases in the Adolescent. , 2008, , 135-148.		0
27	Monocyte responses to <i>Candida albicans</i> are enhanced by antibody in cooperation with antibody-independent pathogen recognition. FEMS Immunology and Medical Microbiology, 2007, 51, 70-83.	2.7	14
28	5-fluoro-orotic acid induces chromosome alterations in genetically manipulated strains of <i>Candida albicans</i> . Mycologia, 2006, 98, 393-398.	1.9	7
29	5-fluoro-orotic acid induces chromosome alterations in genetically manipulated strains of <i>Candida albicans</i> . Mycologia, 2006, 98, 393-398.	1.9	15
30	5-Fluoro-orotic acid induces chromosome alterations in <i>Candida albicans</i> . Yeast, 2005, 22, 57-70.	1.7	65
31	Role of the 14 α -3 protein in carbon metabolism of the pathogenic yeast <i>Candida albicans</i> . Yeast, 2004, 21, 685-702.	1.7	23
32	Antifungal pharmacotherapy for neonatal candidiasis. Seminars in Perinatology, 2003, 27, 365-374.	2.5	25
33	Enhanced Phagocytosis of <i>Candida</i> Species Mediated by Opsonization with a Recombinant Human Antibody Single-Chain Variable Fragment. Infection and Immunity, 2003, 71, 7228-7231.	2.2	34
34	Pacifier as a Risk Factor for Acute Otitis Media. Pediatrics, 2002, 109, 351-353.	2.1	10
35	Update on Antifungal Agents. Pediatric Infectious Disease Journal, 2001, 20, 993-995.	2.0	17
36	Cool Tools 4: Imaging <i>Candida</i> Infections in the Live Host. , 0, , 501-P1.		0