Melanie Wellington

List of Publications by Year
in descending order

36	1,501	430874 18	434195 31
papers	citations	h-index	g-index

42	42	42	2040
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Candida albicans Triggers NLRP3-Mediated Pyroptosis in Macrophages. Eukaryotic Cell, 2014, 13, 329-340.	3.4	190
2	A Tetraploid Intermediate Precedes Aneuploid Formation in Yeasts Exposed to Fluconazole. PLoS Biology, 2014, 12, e1001815.	5.6	147
3	New facets of antifungal therapy. Virulence, 2017, 8, 222-236.	4.4	123
4	Antifungal Activity of Tamoxifen: In Vitro and In Vivo Activities and Mechanistic Characterization. Antimicrobial Agents and Chemotherapy, 2009, 53, 3337-3346.	3.2	91
5	Estrogen Receptor Antagonists Are Anti-Cryptococcal Agents That Directly Bind EF Hand Proteins and Synergize with Fluconazole In Vivo. MBio, 2014, 5, e00765-13.	4.1	91
6	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
7	LiveCandida albicansSuppresses Production of Reactive Oxygen Species in Phagocytes. Infection and Immunity, 2009, 77, 405-413.	2.2	74
8	The Celecoxib Derivative AR-12 Has Broad-Spectrum Antifungal Activity In Vitro and Improves the Activity of Fluconazole in a Murine Model of Cryptococcosis. Antimicrobial Agents and Chemotherapy, 2016, 60, 7115-7127.	3.2	69
9	5-Fluoro-orotic acid induces chromosome alterations inCandida albicans. Yeast, 2005, 22, 57-70.	1.7	65
10	Candida albicans Morphogenesis Is Not Required for Macrophage Interleukin 1Î² Production. MBio, 2013, 4, e00433-12.	4.1	58
11	High-Throughput Screening Identifies Genes Required for Candida albicans Induction of Macrophage Pyroptosis. MBio, 2018, 9, .	4.1	58
12	The Spx Regulator Modulates Stress Responses and Virulence in Enterococcus faecalis. Infection and Immunity, 2012, 80, 2265-2275.	2.2	55
13	Catching Fire: Candida albicans, Macrophages, and Pyroptosis. PLoS Pathogens, 2014, 10, e1004139.	4.7	54
14	Nitrite Reductase NirS Is Required for Type III Secretion System Expression and Virulence in the Human Monocyte Cell Line THP-1 by Pseudomonas aeruginosa. Infection and Immunity, 2009, 77, 4446-4454.	2.2	51
15	A Genome-Wide Screen of Deletion Mutants in the Filamentous SaccharomycesÂcerevisiae Background Identifies Ergosterol as a Direct Trigger of Macrophage Pyroptosis. MBio, 2018, 9, .	4.1	44
16	Enhanced Phagocytosis of Candida Species Mediated by Opsonization with a Recombinant Human Antibody Single-Chain Variable Fragment. Infection and Immunity, 2003, 71, 7228-7231.	2.2	34
17	Antifungal pharmacotherapy for neonatal candidiasis. Seminars in Perinatology, 2003, 27, 365-374.	2.5	25
18	Systematic Complex Haploinsufficiency-Based Genetic Analysis ofCandida albicansTranscription Factors: Tools and Applications to Virulence-Associated Phenotypes. G3: Genes, Genomes, Genetics, 2018, 8, 1299-1314.	1.8	24

#	Article	IF	Citations
19	Role of the 14â€“3â€“3 protein in carbon metabolism of the pathogenic yeastCandida albicans. Yeast, 2004, 21, 685-702.	1.7	23
20	Intravital Imaging of Candida albicans Identifies Differential In Vitro and In Vivo Filamentation Phenotypes for Transcription Factor Deletion Mutants. MSphere, 2021, 6, e0043621.	2.9	21
21	Imaging morphogenesis of Candida albicans during infection in a live animal. Journal of Biomedical Optics, 2010, 15, 010504.	2.6	19
22	Update on Antifungal Agents. Pediatric Infectious Disease Journal, 2001, 20, 993-995.	2.0	17
23	5-fluoro-orotic acid induces chromosome alterations in genetically manipulated strains of Candida albicans. Mycologia, 2006, 98, 393-398.	1.9	15
24	Monocyte responses toCandida albicansare enhanced by antibody in cooperation with antibody-independent pathogen recognition. FEMS Immunology and Medical Microbiology, 2007, 51, 70-83.	2.7	14
25	Host Carbon Dioxide Concentration Is an Independent Stress for Cryptococcus neoformans That Affects Virulence and Antifungal Susceptibility. MBio, 2019, 10, .	4.1	12
26	Candida albicans Filamentation Does Not Require the cAMP-PKA Pathway In Vivo. MBio, 2022, 13, e0085122.	4.1	12
27	Systematic Genetic Interaction Analysis Identifies a Transcription Factor Circuit Required for Oropharyngeal Candidiasis. MBio, 2022, 13, e0344721.	4.1	11
28	Pacifier as a Risk Factor for Acute Otitis Media. Pediatrics, 2002, 109, 351-353.	2.1	10
29	5-fluoro-orotic acid induces chromosome alterations in genetically manipulated strains ofCandida albicans. Mycologia, 2006, 98, 393-398.	1.9	7
30	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
31	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
32	FKS1 Is Required for Cryptococcus neoformans Fitness In Vivo : Application of Copper-Regulated Gene Expression to Mouse Models of Cryptococcosis. MSphere, 2022, 7, e0016322.	2.9	1
33	Suspected COVID-19 Reinfections at a Tertiary Care Center, Iowa, 2020. Open Forum Infectious Diseases, 2021, 8, ofab188.	0.9	0
34	#45: Phenotypic heterogeneity among isolates of Candida albicans from specific anatomical niches in VLBW premature infants. Journal of the Pediatric Infectious Diseases Society, 2021, 10, S14-S14.	1.3	0
35	Cool Tools 4: Imaging Candida Infections in the Live Host. , 0, , 501-P1.		0
36	Serological Diagnosis of Infectious Diseases in the Adolescent. , 2008, , 135-148.		0