

Johanna L Rhodes

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,282
citations

279798

23
h-index

330143

37
g-index

48
all docs

48
docs citations

48
times ranked

3725
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling the emerging threat of antifungal resistance to human health. <i>Nature Reviews Microbiology</i> , 2022, 20, 557-571.	28.6	311
2	Population genomics confirms acquisition of drug-resistant <i>Aspergillus fumigatus</i> infection by humans from the environment. <i>Nature Microbiology</i> , 2022, 7, 663-674.	13.3	82
3	Exploring a novel genomic safe-haven site in the human pathogenic mould <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2022, 161, 103702.	2.1	2
4	First experience of implementing <i>Candida auris</i> Real Time PCR for surveillance in the UK: detection of multiple introductions with two international clades and improved patient outcomes. <i>Journal of Hospital Infection</i> , 2022, , .	2.9	5
5	Azole-resistant <i>Aspergillus fumigatus</i> is highly prevalent in the environment of Vietnam, with marked variability by land use type. <i>Environmental Microbiology</i> , 2021, 23, 7632-7642.	3.8	17
6	Accounting for the Biological Complexity of Pathogenic Fungi in Phylogenetic Dating. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 661.	3.5	3
7	Fungal Genomics in Respiratory Medicine: What, How and When?. <i>Mycopathologia</i> , 2021, 186, 589-608.	3.1	11
8	Microbial Genetics in Mycology. , 2021, , .		0
9	The one health problem of azole resistance in <i>Aspergillus fumigatus</i> : current insights and future research agenda. <i>Fungal Biology Reviews</i> , 2020, 34, 202-214.	4.7	68
10	Confronting and mitigating the risk of COVID-19 associated pulmonary aspergillosis. <i>European Respiratory Journal</i> , 2020, 56, 2002554.	6.7	98
11	Rapid Detection of Azole-Resistant <i>Aspergillus fumigatus</i> in Clinical and Environmental Isolates by Use of a Lab-on-a-Chip Diagnostic System. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	18
12	Cross-Disciplinary Genomics Approaches to Studying Emerging Fungal Infections. <i>Life</i> , 2020, 10, 315.	2.4	4
13	Rapid Worldwide Emergence of Pathogenic Fungi. <i>Cell Host and Microbe</i> , 2019, 26, 12-14.	11.0	24
14	Global epidemiology of emerging <i>Candida auris</i> . <i>Current Opinion in Microbiology</i> , 2019, 52, 84-89.	5.1	178
15	Elevated Prevalence of Azole-Resistant <i>Aspergillus fumigatus</i> in Urban versus Rural Environments in the United Kingdom. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	46
16	Nonrandom Distribution of Azole Resistance across the Global Population of <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2019, 10, .	4.1	71
17	Dynamic ploidy changes drive fluconazole resistance in human cryptococcal meningitis. <i>Journal of Clinical Investigation</i> , 2019, 129, 999-1014.	8.2	112
18	Simulations of CYP51A from <i>Aspergillus fumigatus</i> in a model bilayer provide insights into triazole drug resistance. <i>Medical Mycology</i> , 2018, 56, 361-373.	0.7	10

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19	MARDy: Mycology Antifungal Resistance Database. <i>Bioinformatics</i> , 2018, 34, 3233-3234.	4.1	23
20	Genomic epidemiology of the UK outbreak of the emerging human fungal pathogen <i>Candida auris</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12.	6.5	169
21	Airway persistence by the emerging multi-azole-resistant <i>Rasamsonia argillacea</i> complex in cystic fibrosis. <i>Mycoses</i> , 2018, 61, 665-673.	4.0	13
22	Transcriptional Heterogeneity of <i>Cryptococcus gattii</i> VGII Compared with Non-VGII Lineages Underpins Key Pathogenicity Pathways. <i>MSphere</i> , 2018, 3, .	2.9	12
23	Surveillance for Azole-Resistant <i>Aspergillus fumigatus</i> in a Centralized Diagnostic Mycology Service, London, United Kingdom, 1998–2017. <i>Frontiers in Microbiology</i> , 2018, 9, 2234.	3.5	26
24	Breaching Pathogeographic Barriers by the Bat White-Nose Fungus. <i>MBio</i> , 2018, 9, .	4.1	1
25	High prevalence of triazole resistance in clinical <i>Aspergillus fumigatus</i> isolates in a specialist cardiothoracic centre. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 637-642.	2.5	40
26	Advances in <i>Cryptococcus</i> genomics: insights into the evolution of pathogenesis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e170473.	1.6	33
27	A Population Genomics Approach to Assessing the Genetic Basis of Within-Host Microevolution Underlying Recurrent <i>Cryptococcal</i> Meningitis Infection. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1165-1176.	1.8	79
28	Architecture and Dynamics of the Jasmonic Acid Gene Regulatory Network. <i>Plant Cell</i> , 2017, 29, 2086-2105.	6.6	220
29	Tracing Genetic Exchange and Biogeography of <i>Cryptococcus neoformans</i> var. <i>grubii</i> at the Global Population Level. <i>Genetics</i> , 2017, 207, 327-346.	2.9	105
30	Genomic epidemiology of <i>Cryptococcus</i> yeasts identifies adaptation to environmental niches underpinning infection across an African HIV/AIDS cohort. <i>Molecular Ecology</i> , 2017, 26, 1991-2005.	3.9	59
31	First hospital outbreak of the globally emerging <i>Candida auris</i> in a European hospital. <i>Antimicrobial Resistance and Infection Control</i> , 2016, 5, 35.	4.1	535
32	Clinical implications of globally emerging azole resistance in <i>Aspergillus fumigatus</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150460.	4.0	243
33	Genomic Context of Azole Resistance Mutations in <i>Aspergillus fumigatus</i> Determined Using Whole-Genome Sequencing. <i>MBio</i> , 2015, 6, e00536.	4.1	171
34	Illuminating Choices for Library Prep: A Comparison of Library Preparation Methods for Whole Genome Sequencing of <i>Cryptococcus neoformans</i> Using Illumina HiSeq. <i>PLoS ONE</i> , 2014, 9, e113501.	2.5	44
35	Wigwags: identifying gene modules co-regulated across multiple biological conditions. <i>Bioinformatics</i> , 2014, 30, 962-970.	4.1	36
36	<i>Arabidopsis</i> Defense against <i>Botrytis cinerea</i> : Chronology and Regulation Deciphered by High-Resolution Temporal Transcriptomic Analysis. <i>Plant Cell</i> , 2012, 24, 3530-3557.	6.6	337