

Global and Multi-National Prevalence of Fungal Disease

Journal of Fungi (Basel, Switzerland)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	HIV-Associated Cryptococcal Disease in Resource-Limited Settings: A Case for "Prevention Is Better Than Cure". Journal of Fungi (Basel, Switzerland), 2017, 3, 67.	1.5	33
2	Antifungal Activity of Chitosan-Coated Poly(lactic-co-glycolic) Acid Nanoparticles Containing Amphotericin B. Mycopathologia, 2018, 183, 659-668.	1.3	27
3	Etiology of invasive candidosis agents in Russia: a multicenter epidemiological survey. Frontiers of Medicine, 2018, 12, 84-91.	1.5	8
4	Murine model to follow hyphal development in invasive pulmonary aspergillosis. Applied Microbiology and Biotechnology, 2018, 102, 2817-2825.	1.7	7
5	Exogenous Stimulation of Type I Interferon Protects Mice with Chronic Granulomatous Disease from Aspergillosis through Early Recruitment of Host-Protective Neutrophils into the Lung. MBio, 2018, 9, .	1.8	14
6	Invasive candidiasis and candidemia in pediatric and neonatal patients: A review of current guidelines. Current Medical Mycology, 2018, 4, 28-33.	0.8	9
7	From the Clinical Mycology Laboratory: New Species and Changes in Fungal Taxonomy and Nomenclature. Journal of Fungi (Basel, Switzerland), 2018, 4, 138.	1.5	13
8	The antifungal activity of extracts of <i>Osmundea pinnatifida</i> , an edible seaweed, indicates its usage as a safe environmental fungicide or as a food additive preventing post-harvest fungal food contamination. Food and Function, 2018, 9, 6187-6195.	2.1	17
9	Monetary costs and hospital burden associated with the management of invasive fungal infections in Mexico: a multicenter study. Brazilian Journal of Infectious Diseases, 2018, 22, 360-370.	0.3	4
11	Transcriptomic and proteomic host response to <i>Aspergillus fumigatus</i> conidia in an air-liquid interface model of human bronchial epithelium. PLoS ONE, 2018, 13, e0209652.	1.1	29
12	Molecular diagnostics in medical mycology. Nature Communications, 2018, 9, 5135.	5.8	103
13	Carbohydrate Specificity of Antibodies against Phytopathogenic Fungi of the <i>Aspergillus</i> Genus. Applied Biochemistry and Microbiology, 2018, 54, 522-527.	0.3	9
14	Development, Characterization, and Evaluation of Novel Broad-Spectrum Antimicrobial Topical Formulations from <i>Cymbopogon martini</i> (Roxb.) W. Watson Essential Oil. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-16.	0.5	18
15	Diagnosing Emerging Fungal Threats: A One Health Perspective. Frontiers in Genetics, 2018, 9, 376.	1.1	20
16	Lung colonization by <i>Aspergillus fumigatus</i> is controlled by ZNF77. Nature Communications, 2018, 9, 3835.	5.8	40
17	Extracellular Vesicles in Fungi: Composition and Functions. Current Topics in Microbiology and Immunology, 2018, 422, 45-59.	0.7	36
18	The burden of serious fungal disease in the UK "infections with rare organisms. Journal of Infection, 2018, 77, 561-571.	1.7	0
19	In Fungal Intracellular Pathogenesis, Form Determines Fate. MBio, 2018, 9, .	1.8	12

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20	In vitro interaction of <i>Candida tropicalis</i> biofilm formed on catheter with human cells. <i>Microbial Pathogenesis</i> , 2018, 125, 177-182.	1.3	9
21	Characteristics of Invasive Fungal Infections among HIV Individuals from an Indigenous Origin in Mexico. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 109.	1.5	0
22	Advances in Genomics of Human Fungal Pathogens. <i>Population Genomics</i> , 2018, , 159-206.	0.2	0
23	Neuroinfections caused by fungi. <i>Infection</i> , 2018, 46, 443-459.	2.3	164
24	Significantly Improved Pharmacokinetics Enhances <i>In Vivo</i> Efficacy of APX001 against Echinocandin- and Multidrug-Resistant <i>Candida</i> Isolates in a Mouse Model of Invasive Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	32
25	<i>In Vitro</i> Activity of Isavuconazole against Opportunistic Fungal Pathogens from Two Mycology Reference Laboratories. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	43
26	Special Issue – Fungal Burden in Different Countries. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 80.	1.5	0
27	Estimated Burden of Serious Fungal Diseases in Serbia. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 76.	1.5	11
28	Riboflavin and pantothenic acid biosynthesis are crucial for iron homeostasis and virulence in the pathogenic mold <i>Aspergillus fumigatus</i> . <i>Virulence</i> , 2018, 9, 1036-1049.	1.8	33
29	Majocchi's granuloma: current perspectives. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 751-760.	1.1	51
30	Multilocus Sequence Typing Reveals a New Cluster of Closely Related <i>Candida tropicalis</i> Genotypes in Italian Patients With Neurological Disorders. <i>Frontiers in Microbiology</i> , 2018, 9, 679.	1.5	24
31	Transcriptome Assembly and Profiling of <i>Candida auris</i> Reveals Novel Insights into Biofilm-Mediated Resistance. <i>MSphere</i> , 2018, 3, .	1.3	151
32	The Burden of Fungal Diseases in Romania. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 31.	1.5	17
33	Burden of Fungal Infections in Colombia. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 41.	1.5	29
34	Vitamin Biosynthesis as an Antifungal Target. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 72.	1.5	37
35	Searching for a change: The need for increased support for public health and research on fungal diseases. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006479.	1.3	52
36	Treatment of Invasive Candidiasis: A Narrative Review. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 97.	1.5	68
37	Fungal infections in pediatric neurosurgery. <i>Child's Nervous System</i> , 2018, 34, 1973-1988.	0.6	10

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38	An Estimate of Severe and Chronic Fungal Diseases in the Republic of Kazakhstan. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 34.	1.5	7
39	Global guidelines and initiatives from the European Confederation of Medical Mycology to improve patient care and research worldwide: New leadership is about working together. <i>Mycoses</i> , 2018, 61, 885-894.	1.8	52
40	Protective nature of low molecular weight chitosan in a chitosan- <i>Amphotericin B</i> nanocomplex - A physicochemical study. <i>Materials Science and Engineering C</i> , 2018, 93, 472-482.	3.8	14
41	Treatment of Aspergillosis. <i>Journal of Fungi</i> (Basel, Switzerland), 2018, 4, 98.	1.5	77
42	Strengthening the One Health Agenda: The Role of Molecular Epidemiology in Aspergillus Threat Management. <i>Genes</i> , 2018, 9, 359.	1.0	6
43	Sterol 14 α -Demethylase Structure-Based Design of VNI Derivatives To Target Fungal Infections: Synthesis, Biological Evaluation, and Crystallographic Analysis. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5679-5691.	2.9	35
44	New pathogens, new tricks: emerging, drug-resistant fungal pathogens and future prospects for antifungal therapeutics. <i>Annals of the New York Academy of Sciences</i> , 2019, 1435, 57-78.	1.8	119
45	Estimated burden of serious human fungal diseases in Turkey. <i>Mycoses</i> , 2019, 62, 22-31.	1.8	13
46	Prevalence of Dermatophytosis and Antifungal Activity of Ethanolic Crude Leaf Extract of <i>Tetradenia riparia</i> against Dermatophytes Isolated from Patients Attending Kampala International University Teaching Hospital, Uganda. <i>Dermatology Research and Practice</i> , 2019, 2019, 1-13.	0.3	14
47	High-Throughput Gene Replacement in <i>Aspergillus fumigatus</i> . <i>Current Protocols in Microbiology</i> , 2019, 54, e88.	6.5	35
48	SAR Studies on Aromatic Acylhydrazone-Based Inhibitors of Fungal Sphingolipid Synthesis as Next-Generation Antifungal Agents. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8249-8273.	2.9	20
50	Protein-Protein Interactions in <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1792.	1.5	12
51	Novel Therapies for Biofilm-Based <i>Candida</i> spp. Infections. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1214, 93-123.	0.8	25
52	Epigenetic mechanisms of drug resistance in fungi. <i>Fungal Genetics and Biology</i> , 2019, 132, 103253.	0.9	36
53	Fungal immunology in clinical practice: Magical realism or practical reality?. <i>Medical Mycology</i> , 2019, 57, S294-S306.	0.3	8
54	Meningitis and Meningoencephalitis. , 2019, , 245-251.		0
55	Invasive Candidiasis: Epidemiology and Risk Factors. , 2019, , .		8
56	Histoplasmosis and Coccidioidomycosis. , 2019, , 155-166.		1

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58	Cor pulmonale complicating chronic pulmonary aspergillosis with fatal consequences: Experience from Uganda. <i>Medical Mycology Case Reports</i> , 2019, 25, 22-24.	0.7	4
59	The Burden of Serious Fungal Infections in Tajikistan. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 68.	1.5	4
60	Cefepime and Amoxicillin Increase Metabolism and Enhance Caspofungin Tolerance of <i>Candida albicans</i> Biofilms. <i>Frontiers in Microbiology</i> , 2019, 10, 1337.	1.5	7
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63	Fungal Infections with Ibrutinib and Other Small-Molecule Kinase Inhibitors. <i>Current Fungal Infection Reports</i> , 2019, 13, 86-98.	0.9	34
64	PlantAFP: a curated database of plant-origin antifungal peptides. <i>Amino Acids</i> , 2019, 51, 1561-1568.	1.2	7
65	Risk Factors of Renal Aspergillosis in Pigeons (<i>Columba livia</i>): Field Study. <i>American Journal of Animal and Veterinary Sciences</i> , 2019, 14, 78-85.	0.2	0
66	Diagnostic Performance of a Novel Multiplex PCR Assay for Candidemia among ICU Patients. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 86.	1.5	19
67	Molecular and genetic basis of azole antifungal resistance in the opportunistic pathogenic fungus <i>Candida albicans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 257-270.	1.3	64
68	Glycobiology of Human Fungal Pathogens: New Avenues for Drug Development. <i>Cells</i> , 2019, 8, 1348.	1.8	13
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70	An evaluation of nebulised amphotericin B deoxycholate (Fungizone [®]) for treatment of pulmonary aspergillosis in the UK National Aspergillosis Centre. <i>Mycoses</i> , 2019, 62, 1049-1055.	1.8	12
71	Estimated Burden of Fungal Infections in Namibia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 75.	1.5	12
73	The Human Lung Mycobiome in Chronic Respiratory Disease: Limitations of Methods and Our Current Understanding. <i>Current Fungal Infection Reports</i> , 2019, 13, 109-119.	0.9	28
74	The Cell Wall of <i>Candida albicans</i> : A Proteomics View. , 2019, , .		7
75	Beatrix Potter, Author, Naturalist, Mycologist. <i>Emerging Infectious Diseases</i> , 2019, 25, 1786-1787.	2.0	0

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77	Role of lipid transporters in fungal physiology and pathogenicity. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 1278-1289.	1.9	18
78	Clotrimazole Loaded Ufosomes for Topical Delivery: Formulation Development and In-Vitro Studies. <i>Molecules</i> , 2019, 24, 3139.	1.7	45
79	Harnessing calcineurin-FK506-FKBP12 crystal structures from invasive fungal pathogens to develop antifungal agents. <i>Nature Communications</i> , 2019, 10, 4275.	5.8	80
80	Antifungal Agents in Agriculture: Friends and Foes of Public Health. <i>Biomolecules</i> , 2019, 9, 521.	1.8	154
81	Fungal Diseases in Taiwan National Insurance Data and Estimation. <i>Journal of Fungi</i> (Basel, Switzerland), 2019, 5, 80.	1.5	10
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86	Current Challenges and Updates on the Therapy of Fungal Infections. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 495-499.	1.0	8
87	Chronic pulmonary aspergillosis in a tertiary care centre in Spain: A retrospective, observational study. <i>Mycoses</i> , 2019, 62, 765-772.	1.8	12
88	Essential in vitro diagnostics for advanced HIV and serious fungal diseases: international experts consensus recommendations. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1581-1584.	1.3	28
89	The inhibition of trans-cinnamaldehyde on the virulence of <i>Candida albicans</i> via enhancing farnesol secretion with low potential for the development of resistance. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 544-550.	1.0	14
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91	Multi-omics characterization of the necrotrophic mycoparasite <i>Saccharomycopsis schoenii</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007692.	2.1	18
92	Recent trends in molecular diagnostics of yeast infections: from PCR to NGS. <i>FEMS Microbiology Reviews</i> , 2019, 43, 517-547.	3.9	77
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96	Estimated Burden of Serious Fungal Infections in Ghana. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 38.	1.5	22
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98	Burden of fungal asthma in Africa: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0216568.	1.1	43
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103	Acquired resistance in fungi: how large is the problem?. <i>Clinical Microbiology and Infection</i> , 2019, 25, 790-791.	2.8	4
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106	Regulation of <i>Candida albicans</i> Hyphal Morphogenesis by Endogenous Signals. <i>Journal of Fungi (Basel)</i> , 2019, 5, 1-11.	1.5	63
107	Contrasts between mucormycosis and aspergillosis in oncohematological patients. <i>Medical Mycology</i> , 2019, 57, S138-S144.	0.3	29
108	<i>Aspergillus fumigatus</i> corneal infection is regulated by chitin synthases and by neutrophil-derived acidic mammalian chitinase. <i>European Journal of Immunology</i> , 2019, 49, 918-927.	1.6	21
109	Pathophysiological aspects of <i>Aspergillus</i> colonization in disease. <i>Medical Mycology</i> , 2019, 57, S219-S227.	0.3	79
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111	<i>Candida albicans</i> Morphogenesis Programs Control the Balance between Gut Commensalism and Invasive Infection. <i>Cell Host and Microbe</i> , 2019, 25, 432-443.e6.	5.1	154

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112	Menacing Mold: Recent Advances in Aspergillus Pathogenesis and Host Defense. <i>Journal of Molecular Biology</i> , 2019, 431, 4229-4246.	2.0	36
113	Global Epidemiology of Mucormycosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 26.	1.5	555
114	Understanding the riboflavin biosynthesis pathway for the development of antimicrobial agents. <i>Medicinal Research Reviews</i> , 2019, 39, 1338-1371.	5.0	15
115	<i>Candida albicans</i> at Host Barrier Sites: Pattern Recognition Receptors and Beyond. <i>Pathogens</i> , 2019, 8, 40.	1.2	38
116	Linking Cellular Morphogenesis with Antifungal Treatment and Susceptibility in <i>Candida</i> Pathogens. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 17.	1.5	45
117	Design, execution, and analysis of CRISPR-Cas9-based deletions and genetic interaction networks in the fungal pathogen <i>Candida albicans</i> . <i>Nature Protocols</i> , 2019, 14, 955-975.	5.5	25
118	Successful control of exacerbation of Allergic Bronchopulmonary Aspergillosis due to <i>Aspergillus terreus</i> in a cystic fibrosis patient with short-term adjunctive therapy with voriconazole: A case report. <i>Journal De Mycologie Medicale</i> , 2019, 29, 189-192.	0.7	6
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122	An In Vitro Brain Endothelial Model for Studies of Cryptococcal Transmigration into the Central Nervous System. <i>Current Protocols in Microbiology</i> , 2019, 53, e78.	6.5	3
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127	Evaluation of Resistance Development to the Gwt1 Inhibitor Manogepix (APX001A) in <i>Candida</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	1.4	32
128	Genome Sequences of Two Strains of the Food Spoilage Mold <i>Aspergillus fischeri</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	9
129	New Mitochondrial Targets in Fungal Pathogens. <i>MBio</i> , 2019, 10, .	1.8	5

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130	Synthesis and Antimicrobial Activity of Methoxy- Substituted Î³-Oxa-Î¼-lactones Derived from Flavanones. <i>Molecules</i> , 2019, 24, 4151.	1.7	14
131	First Isolation, Antifungal Susceptibility, and Molecular Characterization of <i>Cryptococcus neoformans</i> from the Environment in Croatia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 99.	1.5	4
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145	Luliconazole vesicular based gel formulations for its enhanced topical delivery. <i>Journal of Liposome Research</i> , 2020, 30, 388-406.	1.5	32
146	Multi-bioactive silver nanoparticles synthesized using mosquitocidal Bacilli and their characterization. <i>Archives of Microbiology</i> , 2020, 202, 63-75.	1.0	14
147	Lipid Systems for the Delivery of Amphotericin B in Antifungal Therapy. <i>Pharmaceutics</i> , 2020, 12, 29.	2.0	111

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148	Thioredoxin Reductase 1 Is a Highly Immunogenic Cell Surface Antigen in <i>Paracoccidioides</i> spp., <i>Candida albicans</i> , and <i>Cryptococcus neoformans</i> . <i>Frontiers in Microbiology</i> , 2020, 10, 2930.	1.5	3
149	Antifungal activity of phytotherapeutic preparation of <i>Baccharis</i> species from argentine Puna against clinically relevant fungi.. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112553.	2.0	10
150	Linking calcium signaling and mitochondrial function in fungal drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1254-1256.	3.3	6
151	Antimicrobial activities of <i>Tephrosia vogelii</i> against selected pathogenic fungi and bacteria strains. <i>Mycology</i> , 2020, 11, 49-55.	2.0	7
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156	The Mycobiome in Health and Disease: Emerging Concepts, Methodologies and Challenges. <i>Mycopathologia</i> , 2020, 185, 207-231.	1.3	50
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