

# Nathan P Wiederhold

## List of Publications by Year in descending order

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263  
papers

11,096  
citations

30070

54  
h-index

46799

89  
g-index

273  
all docs

273  
docs citations

273  
times ranked

9640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global guideline for the diagnosis and management of mucormycosis: an initiative of the European Confederation of Medical Mycology in cooperation with the Mycoses Study Group Education and Research Consortium. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e405-e421.	9.1	970
2	Antifungal resistance: current trends and future strategies to combat. <i>Infection and Drug Resistance</i> , 2017, Volume 10, 249-259.	2.7	305
3	Pharmacodynamics of Polymyxin B against <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3624-3630.	3.2	198
4	Fungal Planet description sheets: 469-557. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 37, 218-403.	4.4	196
5	Pharmacodynamics of Caspofungin in a Murine Model of Invasive Pulmonary Aspergillosis: Evidence of Concentration-Dependent Activity. <i>Journal of Infectious Diseases</i> , 2004, 190, 1464-1471.	4.0	195
6	Fungal Planet description sheets: 400-468. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 316-458.	4.4	193
7	F901318 represents a novel class of antifungal drug that inhibits dihydroorotate dehydrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12809-12814.	7.1	187
8	Detection of Gliotoxin in Experimental and Human Aspergillosis. <i>Infection and Immunity</i> , 2005, 73, 635-637.	2.2	171
9	The Antifungal Pipeline: Fosmanogepix, Ibrexafungerp, Olorofim, Opelconazole, and Rezafungin. <i>Drugs</i> , 2021, 81, 1703-1729.	10.9	168
10	Development of Caspofungin Resistance following Prolonged Therapy for Invasive Candidiasis Secondary to <i>Candida glabrata</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3783-3785.	3.2	150
11	First Detection of TR34 L98H and TR46 Y121F T289A Cyp51 Mutations in <i>Aspergillus fumigatus</i> Isolates in the United States. <i>Journal of Clinical Microbiology</i> , 2016, 54, 168-171.	3.9	143
12	Fungal infections in animals: a patchwork of different situations. <i>Medical Mycology</i> , 2018, 56, S165-S187.	0.7	141
13	The echinocandin antifungals: an overview of the pharmacology, spectrum and clinical efficacy. <i>Expert Opinion on Investigational Drugs</i> , 2003, 12, 1313-1333.	4.1	130
14	Coelomycetous <i>Dothideomycetes</i> with emphasis on the families <i>Cucurbitariaceae</i> and <i>Didymellaceae</i> . <i>Studies in Mycology</i> , 2018, 90, 1-69.	7.2	129
15	Attenuation of the Activity of Caspofungin at High Concentrations against <i>Candida albicans</i> : Possible Role of Cell Wall Integrity and Calcineurin Pathways. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 5146-5148.	3.2	127
16	Fungal Planet description sheets: 558-624. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 38, 240-384.	4.4	126
17	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. <i>MBio</i> , 2015, 6, e00647.	4.1	124
18	Isavuconazole: A Comprehensive Review of Spectrum of Activity of a New Triazole. <i>Mycopathologia</i> , 2010, 170, 291-313.	3.1	118

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19	Antifungal Susceptibilities among Different Serotypes of <i>Cryptococcus gattii</i> and <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 309-311.	3.2	114
20	International Evaluation of MIC Distributions and Epidemiological Cutoff Value (ECV) Definitions for <i>Fusarium</i> Species Identified by Molecular Methods for the CLSI Broth Microdilution Method. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1079-1084.	3.2	113
21	In Vitro Pharmacodynamics of Amphotericin B, Itraconazole, and Voriconazole against <i>Aspergillus</i> , <i>Fusarium</i> , and <i>Scedosporium</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 945-951.	3.2	111
22	The antifungal arsenal: alternative drugs and future targets. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 333-339.	2.5	110
23	<i>Cladosporium</i> Species Recovered from Clinical Samples in the United States. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2990-3000.	3.9	109
24	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
25	Molecular diagnostics in medical mycology. <i>Nature Communications</i> , 2018, 9, 5135.	12.8	103
26	Genome-wide expression profiling reveals genes associated with amphotericin B and fluconazole resistance in experimentally induced antifungal resistant isolates of <i>Candida albicans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 376-385.	3.0	100
27	Frequency and Species Distribution of Gliotoxin-Producing <i>Aspergillus</i> Isolates Recovered from Patients at a Tertiary-Care Cancer Center. <i>Journal of Clinical Microbiology</i> , 2005, 43, 6120-6122.	3.9	99
28	New species of <i>Cladosporium</i> associated with human and animal infections. <i>Personia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 281-298.	4.4	95
29	Antimicrobial breakpoints for Gram-negative aerobic bacteria based on pharmacokinetic-pharmacodynamic models with Monte Carlo simulation. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 621-628.	3.0	94
30	Pharmacodynamic Activity of Amphotericin B Deoxycholate Is Associated with Peak Plasma Concentrations in a Neutropenic Murine Model of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 469-473.	3.2	92
31	Rapid Emergence of Echinocandin Resistance in <i>Candida glabrata</i> Resulting in Clinical and Microbiologic Failure. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4559-4561.	3.2	92
32	Mutations in <i>hmg1</i> , Challenging the Paradigm of Clinical Triazole Resistance in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2019, 10, .	4.1	85
33	Toll Deficient <i>Drosophila</i> Flies as a Fast, High-Throughput Model for the Study of Antifungal Drug Efficacy against Invasive Aspergillosis and <i>Aspergillus</i> Virulence. <i>Journal of Infectious Diseases</i> , 2005, 191, 1188-1195.	4.0	84
34	Global guideline for the diagnosis and management of rare yeast infections: an initiative of the ECMM in cooperation with ISHAM and ASM. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e375-e386.	9.1	80
35	Genomewide Expression Profile Analysis of the <i>Candida glabrata</i> Pdr1 Regulon. <i>Eukaryotic Cell</i> , 2011, 10, 373-383.	3.4	77
36	Repurposing auranofin as an antifungal: <i>In vitro</i> activity against a variety of medically important fungi. <i>Virulence</i> , 2017, 8, 138-142.	4.4	75

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37	In Vivo Efficacy of Anidulafungin and Caspofungin against <i>Candida glabrata</i> and Association with In Vitro Potency in the Presence of Sera. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1616-1620.	3.2	74
38	Impact of New Antifungal Breakpoints on Antifungal Resistance in <i>Candida</i> Species. <i>Journal of Clinical Microbiology</i> , 2014, 52, 994-997.	3.9	73
39	Multicenter Evaluation of the Vitek MS v3.0 System for the Identification of Filamentous Fungi. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	73
40	Dihydroorotate dehydrogenase inhibitor F901318 has potent in vitro activity against <i>Scedosporium</i> species and <i>Lomentospora prolificans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1977-1980.	3.0	72
41	Review of the Novel Investigational Antifungal Olorofim. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 122.	3.5	72
42	Phylogeny of the Clinically Relevant Species of the Emerging Fungus <i>Trichoderma</i> and Their Antifungal Susceptibilities. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2112-2125.	3.9	71
43	Development of High-Level Echinocandin Resistance in a Patient With Recurrent <i>Candida auris</i> Candidemia Secondary to Chronic Candiduria. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz262.	0.9	71
44	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. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7115-7127.	3.2	69
45	Screening a Repurposing Library for Inhibitors of Multidrug-Resistant <i>Candida auris</i> Identifies Ebselen as a Repositionable Candidate for Antifungal Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	68
46	<i>Blastomyces helicus</i> , a New Dimorphic Fungus Causing Fatal Pulmonary and Systemic Disease in Humans and Animals in Western Canada and the United States. <i>Clinical Infectious Diseases</i> , 2019, 68, 188-195.	5.8	68
47	The Changing Epidemiology of Oropharyngeal Candidiasis in Patients with HIV/AIDS in the Era of Antiretroviral Therapy. <i>AIDS Research and Treatment</i> , 2012, 2012, 1-5.	0.7	67
48	Effect of Amphotericin B and Micafungin Combination on Survival, Histopathology, and Fungal Burden in Experimental Aspergillosis in the p47 <sup>phox</sup> <sup>α</sup> Mouse Model of Chronic Granulomatous Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 422-427.	3.2	66
49	Attenuation of echinocandin activity at elevated concentrations: a review of the paradoxical effect. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 574-578.	3.1	63
50	Increases in <i>SLT2</i> Expression and Chitin Content Are Associated with Incomplete Killing of <i>Candida glabrata</i> by Caspofungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1144-1146.	3.2	62
51	A Reference Laboratory Experience of Clinically Achievable Voriconazole, Posaconazole, and Itraconazole Concentrations within the Bloodstream and Cerebral Spinal Fluid. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 424-431.	3.2	61
52	No to <i>Neocosmospora</i> : Phylogenomic and Practical Reasons for Continued Inclusion of the <i>Fusarium solani</i> Species Complex in the Genus <i>Fusarium</i> . <i>MSphere</i> , 2020, 5, .	2.9	61
53	Rezafungin (CD101) demonstrates potent in vitro activity against <i>Aspergillus</i> , including azole-resistant <i>Aspergillus fumigatus</i> isolates and cryptic species. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3063-3067.	3.0	59
54	In vitro activity of isavuconazole against <i>Trichosporon</i> , <i>Rhodotorula</i> , <i>Geotrichum</i> , <i>Saccharomyces</i> and <i>Pichia</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 79-83.	3.0	58

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55	Dry powder insufflation of crystalline and amorphous voriconazole formulations produced by thin film freezing to mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 600-608.	4.3	58
56	The Investigational Fungal Cyp51 Inhibitor VT-1129 Demonstrates Potent <i>In Vitro</i> Activity against <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2528-2531.	3.2	58
57	Drug delivery strategies for improved azole antifungal action. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 1199-1216.	5.0	57
58	Caspofungin Dose Escalation for Invasive Candidiasis Due to Resistant <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3254-3260.	3.2	55
59	Fosmanogepix (APX001) Is Effective in the Treatment of Immunocompromised Mice Infected with Invasive Pulmonary Scedosporiosis or Disseminated Fusariosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	55
60	The genome of opportunistic fungal pathogen <i>Fusarium oxysporum</i> carries a unique set of lineage-specific chromosomes. <i>Communications Biology</i> , 2020, 3, 50.	4.4	55
61	Efficacy of Liposomal Amphotericin B and Posaconazole in Intratracheal Models of Murine Mucormycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3340-3347.	3.2	54
62	Interlaboratory and Interstudy Reproducibility of a Novel Lateral-Flow Device and Influence of Antifungal Therapy on Detection of Invasive Pulmonary Aspergillosis. <i>Journal of Clinical Microbiology</i> , 2013, 51, 459-465.	3.9	54
63	Coelomycetous Fungi in the Clinical Setting: Morphological Convergence and Cryptic Diversity. <i>Journal of Clinical Microbiology</i> , 2017, 55, 552-567.	3.9	54
64	Fosmanogepix (APX001) Is Effective in the Treatment of Pulmonary Murine Mucormycosis Due to <i>Rhizopus arrhizus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	54
65	<i>Aspergillus fumigatus</i> and pan-azole resistance: who should be concerned?. <i>Current Opinion in Infectious Diseases</i> , 2020, 33, 290-297.	3.1	54
66	The echinocandin micafungin: a review of the pharmacology, spectrum of activity, clinical efficacy and safety. <i>Expert Opinion on Pharmacotherapy</i> , 2007, 8, 1155-1166.	1.8	53
67	The Fungal Cyp51-Specific Inhibitor VT-1598 Demonstrates <i>In Vitro</i> and <i>In Vivo</i> Activity against <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	53
68	The Investigational Agent E1210 Is Effective in Treatment of Experimental Invasive Candidiasis Caused by Resistant <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 690-692.	3.2	51
69	Characterization and pharmacokinetic analysis of aerosolized aqueous voriconazole solution. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 199-205.	4.3	50
70	Occurrence of <i>Ochroconis</i> and <i>Verruconis</i> Species in Clinical Specimens from the United States. <i>Journal of Clinical Microbiology</i> , 2014, 52, 4189-4201.	3.9	50
71	Efficacy of Delayed Therapy with Fosmanogepix (APX001) in a Murine Model of <i>Candida auris</i> Invasive Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	50
72	Invasive Aspergillosis in Patients with Hematologic Malignancies. <i>Pharmacotherapy</i> , 2003, 23, 1592-1610.	2.6	49

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73	Pyrosequencing To Detect Mutations in <i>FKS1</i> That Confer Reduced Echinocandin Susceptibility in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4145-4148.	3.2	49
74	Fungal-specific Cyp51 inhibitor VT-1598 demonstrates in vitro activity against <i>Candida</i> and <i>Cryptococcus</i> species, endemic fungi, including <i>Coccidioides</i> species, <i>Aspergillus</i> species and <i>Rhizopus arrhizus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 404-408.	3.0	49
75	Comparison of Lateral Flow Technology and Galactomannan and (1 $\alpha$ ) <sup>3</sup> - $\beta$ -D-Glucan Assays for Detection of Invasive Pulmonary Aspergillosis. <i>Vaccine Journal</i> , 2009, 16, 1844-1846.	3.1	48
76	Isavuconazole as Primary Antifungal Prophylaxis in Patients With Acute Myeloid Leukemia or Myelodysplastic Syndrome: An Open-label, Prospective, Phase 2 Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1755-1763.	5.8	48
77	Antibacterial activity of linezolid and vancomycin in an in vitro pharmacodynamic model of Gram-positive catheter-related bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 792-795.	3.0	47
78	Identification and Antifungal Susceptibility of Penicillium-Like Fungi from Clinical Samples in the United States. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2155-2161.	3.9	47
79	The Solubility Ceiling: A Rationale for Continuous Infusion Amphotericin B Therapy?. <i>Clinical Infectious Diseases</i> , 2003, 37, 871-872.	5.8	46
80	Detection of triazole resistance among <i>Candida</i> species by matrix-assisted laser desorption/ionization-time of flight mass spectrometry (MALDI-TOF MS). <i>Medical Mycology</i> , 2015, 53, 736-742.	0.7	46
81	Evaluation of VT-1161 for Treatment of Coccidioidomycosis in Murine Infection Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7249-7254.	3.2	46
82	The Orotomide Olorofim Is Efficacious in an Experimental Model of Central Nervous System Coccidioidomycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	46
83	<i>Emergomyces canadensis</i> , a Dimorphic Fungus Causing Fatal Systemic Human Disease in North America. <i>Emerging Infectious Diseases</i> , 2018, 24, 758-761.	4.3	46
84	In Vivo Efficacy of Aerosolized Nanostructured Itraconazole Formulations for Prevention of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1552-1554.	3.2	45
85	Paradoxical echinocandin activity: a limited in vitro phenomenon?. <i>Medical Mycology</i> , 2009, 47, S369-S375.	0.7	45
86	Disruption of the Transcriptional Regulator Cas5 Results in Enhanced Killing of <i>Candida albicans</i> by Fluconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6807-6818.	3.2	45
87	Emergence of Azole Resistance in <i>Aspergillus</i> . <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015, 36, 673-680.	2.1	45
88	In vitro characterization and pharmacokinetics in mice following pulmonary delivery of itraconazole as cyclodextrin solubilized solution. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 336-347.	4.0	44
89	VT-1161 Protects Immunosuppressed Mice from <i>Rhizopus arrhizus</i> var. <i>arrhizus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7815-7817.	3.2	44
90	Phylogeny and taxonomic revision of <i>Microascaceae</i> with emphasis on synnematosus fungi. <i>Studies in Mycology</i> , 2016, 83, 193-233.	7.2	44

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91	<i>In Vitro</i> Activity of Isavuconazole against Opportunistic Fungal Pathogens from Two Mycology Reference Laboratories. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	43
92	Large-Scale Evaluation of <i>In Vitro</i> Amphotericin B, Triazole, and Echinocandin Activity against <i>Coccidioides</i> Species from U.S. Institutions. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	42
93	Loss of C-5 Sterol Desaturase Activity Results in Increased Resistance to Azole and Echinocandin Antifungals in a Clinical Isolate of <i>Candida parapsilosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	42
94	<i>In Vitro</i> Pharmacodynamics of Anidulafungin and Caspofungin against <i>Candida glabrata</i> Isolates, Including Strains with Decreased Caspofungin Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3926-3928.	3.2	41
95	Inhaled Voriconazole for Prevention of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2613-2615.	3.2	41
96	Veterinary Fusarioses within the United States. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2813-2819.	3.9	41
97	Culture-Independent Molecular Methods for Detection of Antifungal Resistance Mechanisms and Fungal Identification. <i>Journal of Infectious Diseases</i> , 2017, 216, S458-S465.	4.0	40
98	Oral glucan synthase inhibitor SCY-078 is effective in an experimental murine model of invasive candidiasis caused by WT and echinocandin-resistant <i>Candida glabrata</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 448-451.	3.0	40
99	Monotherapy or combination therapy of isavuconazole and micafungin for treating murine mucormycosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 462-466.	3.0	37
100	Aerosolized nanostructured itraconazole as prophylaxis against invasive pulmonary aspergillosis. <i>Journal of Infection</i> , 2007, 55, 68-74.	3.3	36
101	Isavuconazole Is Effective for the Treatment of Experimental Cryptococcal Meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5600-5603.	3.2	36
102	Combat-Related <i>Pythium aphanidermatum</i> Invasive Wound Infection: Case Report and Discussion of Utility of Molecular Diagnostics. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1968-1975.	3.9	35
103	Antifungal activity against <i>Scedosporium</i> species and novel assays to assess antifungal pharmacodynamics against filamentous fungi. <i>Medical Mycology</i> , 2009, 47, 422-432.	0.7	34
104	The Novel Arylamidine T-2307 Demonstrates <i>In Vitro</i> and <i>In Vivo</i> Activity against <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	34
105	Recommended Education for Pharmacists as Competitive Clinical Scientists. <i>Pharmacotherapy</i> , 2009, 29, 236-244.	2.6	33
106	Limited Activity of Miltefosine in Murine Models of Cryptococcal Meningoencephalitis and Disseminated Cryptococcosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 745-750.	3.2	33
107	The novel arylamidine T-2307 demonstrates <i>in vitro</i> and <i>in vivo</i> activity against echinocandin-resistant <i>Candida glabrata</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 692-695.	3.0	33
108	Luliconazole Demonstrates Potent <i>In Vitro</i> Activity against Dermatophytes Recovered from Patients with Onychomycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3553-3555.	3.2	32

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109	The Novel Fungal Cyp51 Inhibitor VT-1598 Is Efficacious in Experimental Models of Central Nervous System Coccidioidomycosis Caused by <i>Coccidioides posadasii</i> and <i>Coccidioides immitis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	32
110	Epidemiology and Antifungal Susceptibilities of Mucoralean Fungi in Clinical Samples from the United States. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0123021.	3.9	32
111	Prophylactic Treatment with VT-1161 Protects Immunosuppressed Mice from <i>Rhizopus arrhizus</i> var. <i>arrhizus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	31
112	Evaluation of Etest Method for Determining Isavuconazole MICs against <i>Cryptococcus gattii</i> and <i>Cryptococcus neoformans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2959-2961.	3.2	30
113	Echinocandin Resistance in <i>Candida</i> Species: a Review of Recent Developments. <i>Current Infectious Disease Reports</i> , 2016, 18, 42.	3.0	30
114	Dynamics of Mixed <i>Candida</i> Species Biofilms in Response to Antifungals. <i>Journal of Dental Research</i> , 2018, 97, 91-98.	5.2	30
115	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. <i>MBio</i> , 2019, 10, .	4.1	30
116	The Novel Arylamidine T-2307 Maintains <i>In Vitro</i> and <i>In Vivo</i> Activity against Echinocandin-Resistant <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1341-1343.	3.2	29
117	<i>In Vitro</i> Activities of the Novel Investigational Tetrazoles VT-1161 and VT-1598 Compared to the Triazole Antifungals against Azole-Resistant Strains and Clinical Isolates of <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	29
118	Detection and Measurement of Fungal Burden in a Guinea Pig Model of Invasive Pulmonary Aspergillosis by Novel Quantitative Nested Real-Time PCR Compared with Galactomannan and (1,3)- $\beta$ -D-Glucan Detection. <i>Journal of Clinical Microbiology</i> , 2012, 50, 602-608.	3.9	28
119	Fatal disseminated <i>Rasamsonia</i> infection in cystic fibrosis post-lung transplantation. <i>Journal of Cystic Fibrosis</i> , 2017, 16, e3-e7.	0.7	28
120	Emerging Fungal Infections: New Species, New Names, and Antifungal Resistance. <i>Clinical Chemistry</i> , 2021, 68, 83-90.	3.2	28
121	Murine airway histology and intracellular uptake of inhaled amorphous itraconazole. <i>International Journal of Pharmaceutics</i> , 2007, 338, 219-224.	5.2	27
122	Species diversity of <i>Aspergillus</i> section <i>Versicolores</i> in clinical samples and antifungal susceptibility. <i>Fungal Biology</i> , 2016, 120, 1458-1467.	2.5	27
123	Four new species of <i>Talaromyces</i> from clinical sources. <i>Mycoses</i> , 2017, 60, 651-662.	4.0	27
124	Ibrexafungerp Demonstrates <i>In Vitro</i> Activity against Fluconazole-Resistant <i>Candida auris</i> and <i>In Vivo</i> Efficacy with Delayed Initiation of Therapy in an Experimental Model of Invasive Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	27
125	Evaluation of aminocandin and caspofungin against <i>Candida glabrata</i> including isolates with reduced caspofungin susceptibility. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1094-1100.	3.0	26
126	Update from the Laboratory. <i>Infectious Disease Clinics of North America</i> , 2016, 30, 13-35.	5.1	26



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128	Antifungal Susceptibility Testing: A Primer for Clinicians. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab444.	0.9	26
129	A murine model of <i>Cryptococcus gattii</i> meningoencephalitis. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1432-1438.	3.0	25
130	Murine Model of Invasive Aspergillosis. , 2005, 118, 129-142.		24
131	Pharmacokinetics and safety of posaconazole delayed-release tablets for invasive fungal infections. <i>Clinical Pharmacology: Advances and Applications</i> , 2016, 8, 1.	1.2	24
132	Efficacy of Posaconazole as Treatment and Prophylaxis against <i>Fusarium solani</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1055-1059.	3.2	23
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135	Invasive candidiasis: investigational drugs in the clinical development pipeline and mechanisms of action. <i>Expert Opinion on Investigational Drugs</i> , 2022, 31, 795-812.	4.1	23
136	In vitro pharmacodynamics of rapid versus continuous infusion of amphotericin B deoxycholate against <i>Candida</i> species in the presence of human serum albumin. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 288-293.	3.0	22
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139	Assessment of Serum (1 $\rightarrow$ 3)- $\beta$ -D-Glucan Concentration as a Measure of Disease Burden in a Murine Model of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1176-1178.	3.2	21
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141	<i>Pithomyces</i> species (Montagnulaceae) from clinical specimens: identification and antifungal susceptibility profiles. <i>Medical Mycology</i> , 2014, 52, 748-757.	0.7	21
142	Nanopore Sequencing of the Fungal Intergenic Spacer Sequence as a Potential Rapid Diagnostic Assay. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	21
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144	Prophylactic efficacy of single dose pulmonary administration of amphotericin B inhalation powder in a guinea pig model of invasive pulmonary aspergillosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 970-976.	3.0	20

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146	Paradoxical antifungal activity and structural observations in biofilms formed by echinocandin-resistant <i>Candida albicans</i> clinical isolates. <i>Medical Mycology</i> , 2014, 52, 131-139.	0.7	20
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148	The Tetrazole VT-1161 Is a Potent Inhibitor of <i>Trichophyton rubrum</i> through Its Inhibition of T. <i>rubrum</i> CYP51. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	20
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152	Dose tolerability of chronically inhaled voriconazole solution in rodents. <i>International Journal of Pharmaceutics</i> , 2009, 379, 25-31.	5.2	18
153	Clinical, Morphological, and Molecular Characterization of <i>Penicillium canis</i> sp. nov., Isolated from a Dog with Osteomyelitis. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2447-2453.	3.9	18
154	Multilocus Phylogeny and Antifungal Susceptibility of <i>Aspergillus</i> Section <i>Circumdati</i> from Clinical Samples and Description of <i>A. pseudosclerotiorum</i> sp. nov. <i>Journal of Clinical Microbiology</i> , 2017, 55, 947-958.	3.9	18
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156	Species Distribution and Antifungal Susceptibilities of <i>Aspergillus</i> Section <i>Fumigati</i> Isolates in Clinical Samples from the United States. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0028022.	3.9	18
157	Genomic Diversity across <i>Candida auris</i> Clinical Isolates Shapes Rapid Development of Antifungal Resistance <i>In Vitro</i> and <i>In Vivo</i> . <i>MBio</i> , 2022, 13, .	4.1	18
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159	Morphological and Molecular Characterization of <i>Exophiala polymorpha</i> sp. nov. Isolated from Sporotrichoid Lymphocutaneous Lesions in a Patient with Myasthenia Gravis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2816-2822.	3.9	17
160	Prophylaxis with Isavuconazole or Posaconazole Protects Immunosuppressed Mice from Pulmonary Mucormycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	17
161	Species of <i>Aspergillus</i> section <i>Aspergillus</i> from clinical samples in the United States. <i>Medical Mycology</i> , 2018, 56, 541-550.	0.7	17
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164	Acrophialophora, a Poorly Known Fungus with Clinical Significance. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1549-1555.	3.9	16
165	New acremonium-like species in the Bionectriaceae and Plectosphaerellaceae. <i>Mycological Progress</i> , 2017, 16, 349-368.	1.4	16
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169	Review of T-2307, an Investigational Agent That Causes Collapse of Fungal Mitochondrial Membrane Potential. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 130.	3.5	16
170	Microbiology and epidemiology of oral yeast colonization in hemopoietic progenitor cell transplant recipients. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 115, 354-358.	0.4	15
171	Isolation and characterisation of the fungus <i>Spiromastix asexualis</i> sp. nov. from discospondylitis in a German shepherd dog, and review of <i>Spiromastix</i> with the proposal of the new order Spiromastixales (Ascomycota). <i>Mycoses</i> , 2014, 57, 419-428.	4.0	15
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173	PHARMACOKINETICS OF ORALLY ADMINISTERED VORICONAZOLE IN AFRICAN PENGUINS ( <i>Spheniscus</i> ) Tj ETQq1 1 0.784314 rgBT 352-362.	0.6	15
174	The Black Yeasts: an Update on Species Identification and Diagnosis. <i>Current Fungal Infection Reports</i> , 2018, 12, 59-65.	2.6	14
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176	From the Clinical Mycology Laboratory: New Species and Changes in Fungal Taxonomy and Nomenclature. <i>Journal of Fungi (Basel, Switzerland)</i> , 2018, 4, 138.	3.5	13
177	Antifungal Resistance Testing and Implications for Management. <i>Current Fungal Infection Reports</i> , 2019, 13, 274-283.	2.6	13
178	Rasamsonia sp: An emerging infection amongst chronic granulomatous disease patients. A case of disseminated infection by a putatively novel <i>Rasamsonia argillacea</i> species complex involving the heart. <i>Medical Mycology Case Reports</i> , 2019, 24, 54-57.	1.3	13
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180	Multifocal <i>Rhizopus microsporus</i> lung infection following brush clearing. <i>Medical Mycology Case Reports</i> , 2014, 6, 14-17.	1.3	12

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182	Schizophyllum radiatum, an Emerging Fungus from Human Respiratory Tract. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2491-2497.	3.9	11
183	Effects of Treated versus Untreated Polystyrene on Caspofungin In Vitro Activity against Candida Species. <i>Journal of Clinical Microbiology</i> , 2016, 54, 734-738.	3.9	11
184	Multi-locus sequence typing provides epidemiological insights for diseased sharks infected with fungi belonging to the Fusarium solani species complex. <i>Medical Mycology</i> , 2018, 56, 591-601.	0.7	11
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187	Paravertebral Mushroom: Identification of a Novel Species of Phellinus as a Human Pathogen in Chronic Granulomatous Disease. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2726-2729.	3.9	10
188	APX001A Protects Immunosuppressed Mice from Rhizopus delemar Infection. <i>Open Forum Infectious Diseases</i> , 2017, 4, S475-S475.	0.9	10
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190	Novel Penicillium species causing disseminated disease in a Labrador Retriever dog. <i>Medical Mycology</i> , 2020, 58, 1053-1063.	0.7	10
191	Micafungin in the treatment of invasive candidiasis and invasive aspergillosis. <i>Infection and Drug Resistance</i> , 2008, 1, 63-77.	2.7	10
192	Animal Models In Mycology: What Have We Learned Over The Past 30 Years. <i>Current Fungal Infection Reports</i> , 2013, 7, 68-78.	2.6	9
193	Influence of Serum and Albumin on Echinocandin In Vitro Potency and Pharmacodynamics. <i>Current Fungal Infection Reports</i> , 2013, 7, 89-95.	2.6	8
194	First Human Case of Fungal Keratitis Caused by a Putatively Novel Species of Lophotrichus. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3063-3067.	3.9	8
195	Efficacy and Associated Drug Exposures of Isavuconazole and Fluconazole in an Experimental Model of Coccidioidomycosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	8
196	Disseminated <i>Rasamsonia argillacea</i> species complex infections in 8 dogs. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2232-2240.	1.6	8
197	A revision of malbranchea-like fungi from clinical specimens in the United States of America reveals unexpected novelty. <i>IMA Fungus</i> , 2021, 12, 25.	3.8	8
198	Diagnosis from Tissue: Histology and Identification. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 505.	3.5	8

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200	Multilaboratory Evaluation of <i>In Vitro</i> Antifungal Susceptibility Testing of Dermatophytes for ME1111. <i>Journal of Clinical Microbiology</i> , 2016, 54, 662-665.	3.9	7
201	Fungal Keratitis Secondary to <i>Trametes betulina</i> : A Case Report and Review of Literature. <i>Mycopathologia</i> , 2017, 182, 755-759.	3.1	7
202	Variability of Hydroxy-Itraconazole in Relation to Itraconazole Bloodstream Concentrations. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	7
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204	Disseminated <i>Conidiobolus incongruus</i> in a dog: A case report and literature review. <i>Medical Mycology Case Reports</i> , 2015, 8, 24-28.	1.3	6
205	Voriconazole and posaconazole therapy for experimental <i>Candida lusitanae</i> infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 48-51.	1.8	6
206	New Species <i>Spiromastigoides albida</i> from a Lung Biopsy. <i>Mycopathologia</i> , 2017, 182, 967-978.	3.1	6
207	Modified release itraconazole amorphous solid dispersion to treat <i>Aspergillus fumigatus</i> : importance of the animal model selection. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 264-274.	2.0	6
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209	Gastrointestinal pythiosis with concurrent presumptive gastrointestinal basidiobolomycosis in a Boxer dog. <i>Veterinary Clinical Pathology</i> , 2019, 48, 83-88.	0.7	6
210	Examination of Fluconazole-Induced Alopecia in an Animal Model and Human Cohort. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	6
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212	Evaluation of Sex Differences in Murine Diabetic Ketoacidosis and Neutropenic Models of Invasive Mucormycosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 313.	3.5	6
213	First report of human infection caused by <i>Colletotrichum chlorophyti</i> occurring in a post-corneal transplant patient with endophthalmitis. <i>Medical Mycology Case Reports</i> , 2021, 32, 73-76.	1.3	6
214	Prolyl endopeptidase activity in bronchoalveolar lavage fluid: a novel diagnostic biomarker in a guinea pig model of invasive pulmonary aspergillosis. <i>Medical Mycology</i> , 2013, 51, 592-602.	0.7	5
215	Multiple Brain Abscesses Caused by <i>Trichosporon inkin</i> in a Patient with X-Linked Chronic Granulomatous Disease (CGD) Successfully Treated with Antifungal Therapy. <i>Journal of Clinical Immunology</i> , 2017, 37, 519-523.	3.8	5
216	First Reported Case of Invasive Cutaneous <i>Penicillium cluniae</i> Infection in a Patient With Acute Myelogenous Leukemia: A Case Report and Literature Review. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab265.	0.9	5

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218	Micafungin in the treatment of invasive candidiasis and invasive aspergillosis. <i>Infection and Drug Resistance</i> , 0, , 63.	2.7	4
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225	Genomic characterization of <i>Parengyodontium americanum</i> sp. nov. <i>Fungal Genetics and Biology</i> , 2020, 138, 103351.	2.1	4
226	<i>Pseudocanariomyces americanus</i> , gen. nov., sp. nov., A New <i>Thielavia</i> -Like Species in the Chaetomiaceae: Identification and Management of a Prosthetic Hip Infection. <i>Mycopathologia</i> , 2021, 186, 441-447.	3.1	4
227	Three new <i>Curvularia</i> species from clinical and environmental sources. <i>MycoKeys</i> , 2020, 68, 1-21.	1.9	4
228	<i>Fusarium abutilonis</i> and <i>F. guadeloupense</i> , two novel species in the <i>Fusarium buharicum</i> clade supported by multilocus molecular phylogenetic analyses. <i>Mycologia</i> , 2022, 114, 682-696.	1.9	4
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230	Invasive <i>Microsporium canis</i> causing rhinitis and stomatitis in a cat. <i>Journal of Small Animal Practice</i> , 2016, 57, 327-331.	1.2	3
231	Efficacy of echinocandins against murine infections by <i>Candida rugosa</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 61-65.	1.8	3
232	<i>Schwanniomyces etchellsii</i> : an unusual cause of fungemia in a patient with cholecystitis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 221-222.	1.8	3
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238	<i>Ustilago echinata</i> : Infection in a Mixed Martial Artist Following an Open Fracture. <i>Mycopathologia</i> , 2016, 181, 311-314.	3.1	2
239	Lung Abscess Due to <i>Aspergillus lentulus</i> and <i>Pseudomonas aeruginosa</i> in a Patient With Granulomatosis With Polyangiitis. <i>Infectious Diseases in Clinical Practice</i> , 2018, 26, 100-105.	0.3	2
240	Pulmonary infection secondary to <i>Blastobotrys raffinosfermentans</i> in a cystic fibrosis patient: Review of the literature. <i>Mycoses</i> , 2021, 64, 616-623.	4.0	2
241	Moxifloxacin. <i>Journal of Public Health Pharmacy</i> , 2003, 6, 1-26.	0.1	2
242	Trichosporonosis Presenting as an Exophytic Cutaneous Mass Lesion. <i>Mycopathologia</i> , 2020, 185, 705-708.	3.1	2
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244	Reply to "Interlaboratory and Interstudy Reproducibility of a Novel Lateral-Flow Device: a Statistical Issue". <i>Journal of Clinical Microbiology</i> , 2013, 51, 1653-1653.	3.9	1
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248	In vitro Activity of Fosfomicin, Alone and Combined with Cefepime and Meropenem, Against Carbapenemase-Producing Gram-Negative Bacteria. <i>Open Forum Infectious Diseases</i> , 2017, 4, S374-S374.	0.9	1
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250	<i>Spiromastigoides asexualis</i> : Phylogenetic Analysis and Evaluation as a Cause of False-Positive <i>Blastomyces</i> DNA Probe Test Results. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	1
251	Implications of Evolving and Emerging Pharmacokinetic-Pharmacodynamic Research for Triazoles and Echinocandins. <i>Current Fungal Infection Reports</i> , 2020, 14, 258-267.	2.6	1
252	Fungal Drug Resistance: Azoles. , 2017, , 397-405.		1

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254	Using Antifungal Pharmacodynamics to Improve Patient Outcomes. Current Fungal Infection Reports, 2010, 4, 70-77.	2.6	0
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