

Yanan Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,464
citations

430874

18
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalent mutator genotype identified in fungal pathogen <i>Candida glabrata</i> promotes multi-drug resistance. <i>Nature Communications</i> , 2016, 7, 11128.	12.8	227
2	Understanding Echinocandin Resistance in the Emerging Pathogen <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	165
3	Rapid and Accurate Molecular Identification of the Emerging Multidrug-Resistant Pathogen <i>Candida auris</i> . <i>Journal of Clinical Microbiology</i> , 2017, 55, 2445-2452.	3.9	140
4	Update on Antifungal Drug Resistance. <i>Current Clinical Microbiology Reports</i> , 2015, 2, 84-95.	3.4	130
5	Unraveling Drug Penetration of Echinocandin Antifungals at the Site of Infection in an Intra-abdominal Abscess Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	73
6	Rapid Real-Time Nucleic Acid Sequence-Based Amplification-Molecular Beacon Platform To Detect Fungal and Bacterial Bloodstream Infections. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2067-2078.	3.9	67
7	CD101: a novel long-acting echinocandin. <i>Cellular Microbiology</i> , 2016, 18, 1308-1316.	2.1	66
8	Rapid Detection of <i>FKS</i> -Associated Echinocandin Resistance in <i>Candida glabrata</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6573-6577.	3.2	53
9	Rapid Detection of ERG11 -Associated Azole Resistance and FKS -Associated Echinocandin Resistance in <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	49
10	Biosynthesis of cell wall mannan in the conidium and the mycelium of <i>Aspergillus fumigatus</i> . <i>Cellular Microbiology</i> , 2016, 18, 1881-1891.	2.1	46
11	Detection of <i>Aspergillus fumigatus</i> in a Rat Model of Invasive Pulmonary Aspergillosis by Real-Time Nucleic Acid Sequence-Based Amplification. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1378-1383.	3.9	42
12	The Gastrointestinal Tract Is a Major Source of Echinocandin Drug Resistance in a Murine Model of <i>Candida glabrata</i> Colonization and Systemic Dissemination. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	38
13	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, .	3.2	32
14	Profiling of PDR1 and MSH2 in <i>Candida glabrata</i> Bloodstream Isolates from a Multicenter Study in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	30
15	Novel <i>FKS1</i> and <i>FKS2</i> modifications in a high-level echinocandin resistant clinical isolate of <i>Candida glabrata</i> . <i>Emerging Microbes and Infections</i> , 2019, 8, 1619-1625.	6.5	29
16	Review of the Novel Echinocandin Antifungal Rezafungin: Animal Studies and Clinical Data. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 192.	3.5	25
17	Direct Molecular Diagnosis of Aspergillosis and CYP51A Profiling from Respiratory Samples of French Patients. <i>Frontiers in Microbiology</i> , 2016, 7, 1164.	3.5	21
18	Penetration of Ibrexafungerp (Formerly SCY-078) at the Site of Infection in an Intra-abdominal Candidiasis Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	20

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19	Host Biomarkers of Invasive Pulmonary Aspergillosis To Monitor Therapeutic Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3373-3378.	3.2	18
20	Carbohydrate-derived fulvic acid is a highly promising topical agent to enhance healing of wounds infected with drug-resistant pathogens. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, S121-S129.	2.1	18
21	An Aptamer-Based Biosensor for the Azole Class of Antifungal Drugs. <i>MSphere</i> , 2017, 2, .	2.9	18
22	Tissue Distribution and Penetration of Isavuconazole at the Site of Infection in Experimental Invasive Aspergillosis in Mice with Underlying Chronic Granulomatous Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	16
23	Therapeutic Potential of Fosmanogepix (APX001) for Intra-abdominal Candidiasis: from Lesion Penetration to Efficacy in a Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	16
24	A novel diagnostic test to screen SARS-CoV-2 variants containing E484K and N501Y mutations. <i>Emerging Microbes and Infections</i> , 2021, 10, 994-997.	6.5	15
25	A novel, tomographic imaging probe for rapid diagnosis of fungal keratitis. <i>Medical Mycology</i> , 2018, 56, 796-802.	0.7	12
26	Differential Regulation of Echinocandin Targets Fks1 and Fks2 in <i>Candida glabrata</i> by the Post-Transcriptional Regulator Ssd1. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 143.	3.5	11
27	Diagnosis, clinical characteristics, and outcomes of COVID-19 patients from a large healthcare system in northern New Jersey. <i>Scientific Reports</i> , 2021, 11, 4389.	3.3	11
28	Methylprednisolone Enhances the Growth of <i>Exserohilum rostratum</i> In Vitro, Attenuates Spontaneous Apoptosis, and Increases Mortality Rates in Immunocompetent <i>Drosophila</i> Flies. <i>Journal of Infectious Diseases</i> , 2014, 210, 1471-1475.	4.0	10
29	Fungal DNA Detected in Blood Samples of Patients Who Received Contaminated Methylprednisolone Injections Reveals Increased Complexity of Causative Agents. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2212-2215.	3.9	10
30	Blood <i>Aspergillus</i> RNA is a promising alternative biomarker for invasive aspergillosis. <i>Medical Mycology</i> , 2016, 54, 801-807.	0.7	9
31	Beyond tissue concentrations: antifungal penetration at the site of infection. <i>Medical Mycology</i> , 2019, 57, S161-S167.	0.7	9
32	Expression Turnover Profiling To Monitor the Antifungal Activities of Amphotericin B, Voriconazole, and Micafungin against <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2770-2772.	3.2	8
33	Applying host disease status biomarkers to therapeutic response monitoring in invasive aspergillosis patients. <i>Medical Mycology</i> , 2019, 57, 38-44.	0.7	8
34	Histone Acetylation Regulator Gcn5 Mediates Drug Resistance and Virulence of <i>Candida glabrata</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	8
35	A Novel, Rapid, and Low-Volume Assay for Therapeutic Drug Monitoring of Posaconazole and Other Long-Chain Azole-Class Antifungal Drugs. <i>MSphere</i> , 2018, 3, .	2.9	6
36	Postvaccination SARS-COV-2 among Health Care Workers in New Jersey: A Genomic Epidemiological Study. <i>Microbiology Spectrum</i> , 2021, 9, e0188221.	3.0	5

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37	Development of novel immunoprophylactic agents against multidrug resistant Gram-negative bacterial infections.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0098521.	3.2	1
38	Reply to "Detection of Multiple Fungal Species in Blood Samples by Real-Time PCR: an Interpretative Challenge". <i>Journal of Clinical Microbiology</i> , 2014, 52, 3517-3517.	3.9	0
39	Reply to "Not Over Yet: Fungal Infections following Methyl Prednisolone Injections Smoulder On". <i>Journal of Clinical Microbiology</i> , 2014, 52, 3508-3508.	3.9	0