

Amir Arastehfar

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,538
citations

218677
26
h-index

223800
46
g-index

59
all docs

59
docs citations

59
times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 Associated Pulmonary Aspergillosis (CAPA) – From Immunology to Treatment. Journal of Fungi (Basel, Switzerland), 2020, 6, 91.	3.5	292
2	The emergence of COVID-19 associated mucormycosis: a review of cases from 18 countries. Lancet Microbe, The, 2022, 3, e543-e552.	7.3	255
3	COVID-19-Associated Candidiasis (CAC): An Underestimated Complication in the Absence of Immunological Predispositions?. Journal of Fungi (Basel, Switzerland), 2020, 6, 211.	3.5	170
4	The Antifungal Pipeline: Fosmanogepix, Ibrexafungerp, Olorofim, Opelconazole, and Rezafungin. Drugs, 2021, 81, 1703-1729.	10.9	168
5	Drug-Resistant Fungi: An Emerging Challenge Threatening Our Limited Antifungal Armamentarium. Antibiotics, 2020, 9, 877.	3.7	125
6	Development and Validation of a Rapid, Single-Step Reverse Transcriptase Loop-Mediated Isothermal Amplification (RT-LAMP) System Potentially to Be Used for Reliable and High-Throughput Screening of COVID-19. Frontiers in Cellular and Infection Microbiology, 2020, 10, 331.	3.9	113
7	<i>Aspergillus fumigatus</i> and aspergillosis: From basics to clinics. Studies in Mycology, 2021, 100, 100115-100115.	7.2	109
8	The Quiet and Underappreciated Rise of Drug-Resistant Invasive Fungal Pathogens. Journal of Fungi (Basel, Switzerland), 2020, 6, 138.	3.5	84
9	Recent trends in molecular diagnostics of yeast infections: from PCR to NGS. FEMS Microbiology Reviews, 2019, 43, 517-547.	8.6	77
10	First Report of Candidemia Clonal Outbreak Caused by Emerging Fluconazole-Resistant Candida parapsilosis Isolates Harboring Y132F and/or Y132F+K143R in Turkey. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	57
11	Antifungal susceptibility, genotyping, resistance mechanism, and clinical profile of Candida tropicalis blood isolates. Medical Mycology, 2020, 58, 766-773.	0.7	54
12	Candidemia among Iranian Patients with Severe COVID-19 Admitted to ICUs. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	52
13	Evaluation of Molecular Epidemiology, Clinical Characteristics, Antifungal Susceptibility Profiles, and Molecular Mechanisms of Antifungal Resistance of Iranian Candida parapsilosis Species Complex Blood Isolates. Frontiers in Cellular and Infection Microbiology, 2020, 10, 206.	3.9	44
14	Identification of Mycoses in Developing Countries. Journal of Fungi (Basel, Switzerland), 2019, 5, 90.	3.5	42
15	YEAST PANEL multiplex PCR for identification of clinically important yeast species: stepwise diagnostic strategy, useful for developing countries. Diagnostic Microbiology and Infectious Disease, 2019, 93, 112-119.	1.8	42
16	Dual drug delivery of vancomycin and imipenem/cilastatin by coaxial nanofibers for treatment of diabetic foot ulcer infections. Materials Science and Engineering C, 2021, 123, 111975.	7.3	41
17	Environmental Clonal Spread of Azole-Resistant Candida parapsilosis with Erg11-Y132F Mutation Causing a Large Candidemia Outbreak in a Brazilian Cancer Referral Center. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	41
18	Low Level of Antifungal Resistance in Iranian Isolates of Candida glabrata Recovered from Blood Samples in a Multicenter Study from 2015 to 2018 and Potential Prognostic Values of Genotyping and Sequencing of PDR1. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	39

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19	<i>Candida tropicalis</i> is the most prevalent yeast species causing candidemia in Algeria: the urgent need for antifungal stewardship and infection control measures. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 50.	4.1	39
20	The Emergence of COVID-19 Associated Mucormycosis: Analysis of Cases From 18 Countries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	39
21	Novel multiplex real-time quantitative PCR detecting system approach for direct detection of <i>Candida auris</i> and its relatives in spiked serum samples. <i>Future Microbiology</i> , 2019, 14, 33-45.	2.0	38
22	Diarrheagenic <i>Escherichia coli</i> and <i>Shigella</i> with High Rate of Extended-Spectrum Beta-Lactamase Production: Two Predominant Etiological Agents of Acute Diarrhea in Shiraz, Iran. <i>Microbial Drug Resistance</i> , 2017, 23, 1037-1044.	2.0	37
23	Molecular Identification, Genotypic Diversity, Antifungal Susceptibility, and Clinical Outcomes of Infections Caused by Clinically Underrated Yeasts, <i>Candida orthopsilosis</i> , and <i>Candida metapsilosis</i> : An Iranian Multicenter Study (2014–2019). <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 264.	3.9	34
24	Low level of antifungal resistance of <i>Candida glabrata</i> blood isolates in Turkey: Fluconazole minimum inhibitory concentration and <i>FKS</i> mutations can predict therapeutic failure. <i>Mycoses</i> , 2020, 63, 911-920.	4.0	34
25	Clonal Candidemia Outbreak by <i>Candida parapsilosis</i> Carrying Y132F in Turkey: Evolution of a Persisting Challenge. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 676177.	3.9	34
26	Identification of nine cryptic species of <i>Candida albicans</i> , <i>C. glabrata</i> , and <i>C. parapsilosis</i> complexes using one-step multiplex PCR. <i>BMC Infectious Diseases</i> , 2018, 18, 480.	2.9	33
27	In vitro antifungal activity of amphotericin B and 11 comparators against <i>Aspergillus terreus</i> species complex. <i>Mycoses</i> , 2018, 61, 134-142.	4.0	29
28	Low-Cost Tetraplex PCR for the Global Spreading Multi-Drug Resistant Fungus, <i>Candida auris</i> and Its Phylogenetic Relatives. <i>Frontiers in Microbiology</i> , 2018, 9, 1119.	3.5	29
29	Genetically related micafungin-resistant <i>Candida parapsilosis</i> blood isolates harbouring novel mutation R658G in hotspot 1 of <i>Fks1p</i> : a new challenge?. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 418-422.	3.0	29
30	Comparison of 21-Plex PCR and API 20C AUX, MALDI-TOF MS, and rDNA Sequencing for a Wide Range of Clinically Isolated Yeast Species: Improved Identification by Combining 21-Plex PCR and API 20C AUX as an Alternative Strategy for Developing Countries. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 21.	3.9	28
31	Glucanase-loaded electrospun core-shell nanofibers composed of poly(ethylene Terephthalate) and poly(vinylidene fluoride) for antifungal application. <i>Journal of Biological Macromolecules</i> , 2020, 163, 288-297.	7.5	26
32	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
33	Recent Increase in the Prevalence of Fluconazole-Non-susceptible <i>Candida tropicalis</i> Blood Isolates in Turkey: Clinical Implication of Azole-Non-susceptible and Fluconazole Tolerant Phenotypes and Genotyping. <i>Frontiers in Microbiology</i> , 2020, 11, 587278.	3.5	21
34	Epidemiology of yeast species causing bloodstream infection in Tehran, Iran (2015–2017); superiority of 21-plex PCR over the Vitek 2 system for yeast identification. <i>Journal of Medical Microbiology</i> , 2020, 69, 712-720.	1.8	20
35	A High Rate of Recurrent Vulvovaginal Candidiasis and Therapeutic Failure of Azole Derivatives Among Iranian Women. <i>Frontiers in Microbiology</i> , 2021, 12, 655069.	3.5	18
36	Pervasive but Neglected: A Perspective on COVID-19-Associated Pulmonary Mold Infections Among Mechanically Ventilated COVID-19 Patients. <i>Frontiers in Medicine</i> , 2021, 8, 649675.	2.6	18

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37	Anidulafungin Susceptibility Testing of <i>Candida glabrata</i> Isolates from Blood Cultures by the MALDI Biotyper Antibiotic (Antifungal) Susceptibility Test Rapid Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	17
38	Molecular identification and antifungal susceptibility among clinical isolates of dermatophytes in Shiraz, Iran (2017–2019). <i>Mycoses</i> , 2021, 64, 385-393.	4.0	16
39	Epidemiology of candidemia in Shiraz, southern Iran: A prospective multicenter study (2016–2018). <i>Medical Mycology</i> , 2021, 59, 422-430.	0.7	15
40	Efficacy of LAMB against Emerging Azole- and Multidrug-Resistant <i>Candida parapsilosis</i> Isolates in the <i>Galleria mellonella</i> Model. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 377.	3.5	14
41	Multidrug-resistant <i>Trichosporon</i> species: underestimated fungal pathogens posing imminent threats in clinical settings. <i>Critical Reviews in Microbiology</i> , 2021, 47, 679-698.	6.1	13
42	Candidemia Among Coronavirus Disease 2019 Patients in Turkey Admitted to Intensive Care Units: A Retrospective Multicenter Study. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac078.	0.9	13
43	Incidence and spectrum of yeast species isolated from the oral cavity of Iranian patients suffering from hematological malignancies. <i>Journal of Oral Microbiology</i> , 2019, 11, 1601061.	2.7	12
44	Unequivocal identification of an underestimated opportunistic yeast species, <i>Cyberlindnera fabianii</i> , and its close relatives using a dual-function PCR and literature review of published cases. <i>Medical Mycology</i> , 2019, 57, 833-840.	0.7	11
45	Molecular characterization and antifungal susceptibility testing of <i>Candida nivariensis</i> from blood samples – an Iranian multicentre study and a review of the literature. <i>Journal of Medical Microbiology</i> , 2019, 68, 770-777.	1.8	11
46	Investigation of the Emerging Nosocomial <i>Wickerhamomyces anomalus</i> Infections at a Chinese Tertiary Teaching Hospital and a Systemic Review: Clinical Manifestations, Risk Factors, Treatment, Outcomes, and Anti-fungal Susceptibility. <i>Frontiers in Microbiology</i> , 2021, 12, 744502.	3.5	11
47	Lumbar drainage for the treatment of refractory intracranial hypertension in HIV-negative cryptococcal meningitis. <i>Future Microbiology</i> , 2019, 14, 859-866.	2.0	10
48	Madurella real-time PCR, a novel approach for eumycetoma diagnosis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007845.	3.0	9
49	First fungemia case due to environmental yeast <i>Wickerhamomyces myanmarensis</i> : detection by multiplex qPCR and antifungal susceptibility. <i>Future Microbiology</i> , 2019, 14, 267-274.	2.0	8
50	Candidemia among Hospitalized Pediatric Patients Caused by Several Clonal Lineages of <i>Candida parapsilosis</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 183.	3.5	6
51	SeqEditor: an application for primer design and sequence analysis with or without GTF/GFF files. <i>Bioinformatics</i> , 2021, 37, 1610-1612.	4.1	5
52	Cryptococcal Meningitis: A Rare Complication in HIV-Negative Patients with Nephrotic Syndrome in A Chinese Teaching Hospital. <i>Mycopathologia</i> , 2020, 185, 959-969.	3.1	5
53	Clinical and microbiological features of candiduria in critically ill adult patients in Shiraz, Iran (2016–2018): deviations from international guidelines and fluconazole therapeutic failure. <i>Medical Mycology</i> , 2021, 59, 600-607.	0.7	4
54	Comparative genomic analysis of clinical <i>Candida glabrata</i> isolates identifies multiple polymorphic loci that can improve existing multilocus sequence typing strategy. <i>Studies in Mycology</i> , 2021, 100, 100133-100133.	7.2	4

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55	Characteristics and Prognosis of <i>Talaromyces marneffei</i> Infection in HIV-positive Children in Southern China. <i>Mycopathologia</i> , 2022, 187, 169-180.	3.1	2
56	Antimicrobial Susceptibility Patterns of Enteroaggregative <i>E. coli</i> , as the Most Common Diarrheagenic <i>E. coli</i> , Associated to Gastroenteritis Outbreaks in Iran. <i>Archives of Pediatric Infectious Diseases</i> , 2018, 6, .	0.3	1
57	The clinical profiles and outcomes of HIV-negative cryptococcal meningitis patients in type II diabetes mellitus. <i>BMC Infectious Diseases</i> , 2021, 21, 224.	2.9	0