RESEARCH & PUBLICATIONS

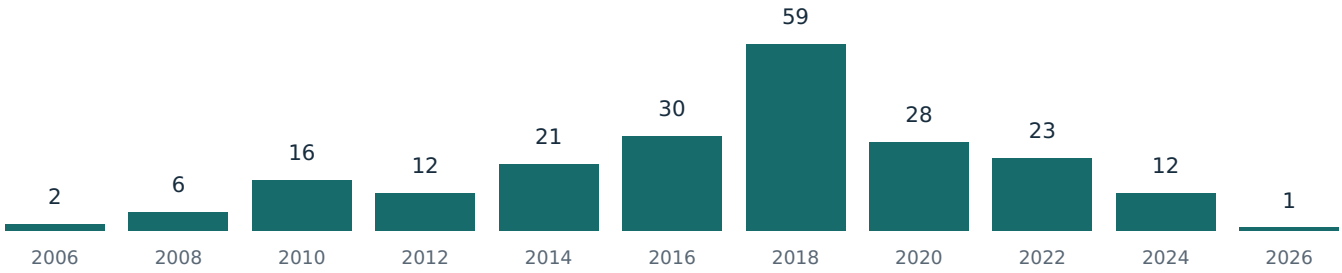
Hamid Badali

A publication record at a glance

210	49,214	53
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



MOST CITED IN THIS LIST

Global, Regional, and National Incidence, Prevalence, and Years Lived With Disability for 354 Diseases and Injuries for 195 Countries and Territories, 1990–2017: A Systematic — 12,289
... full title in the publication list
2018 Lancet, The

Global, Regional, and National Age-Sex-Specific Mortality for 282 Causes of Death in 195 Countries and Territories, 1980–2017: A Systematic Analysis for the Global Burden of — 6,968
... full title in the publication list
2018 Lancet, The

Health Effects of Dietary Risks in 195 Countries, 1990–2017: A Systematic Analysis for the Global Burden of Disease Study 2017 — 5,073
2019 Lancet, The

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Ordered by publication year, newest first

2026

01 Candidozyma auris and the Perfect Storm of Fungal Pathogenicity: Adaptation, Persistence, and Resistance

2 citations

Journal of Fungi (Basel, Switzerland) · 12, 247

https://exaly.com/article/211897499

2025

02 In Vitro Activity of Nanoliposomal Amphotericin B Against Terbinafine-Resistant Trichophyton indotineae Isolates

3 citations

International Microbiology · 28, 1-7

https://exaly.com/article/195162197

03 A Novel Niosomal Gel for Topical Delivery of Miltefosine Against Trichophyton indotineae Dermatophytosis in Animal Model

6 citations

Mycoses · 68, e70045

https://exaly.com/article/198998531

04 Deciphering Fluconazole Resistance in Candida auris Clade V: The Role of Efflux Pump Gene Expression and Ergosterol Pathway Mutations

5 citations

Mycopathologia · 190, 38

https://exaly.com/article/199732220

05 Antifungal Efficacy of Luliconazole-Loaded Nanostructured Lipid-Carrier Gel in an Animal Model of Dermatophytosis

7 citations

Journal of Fungi (Basel, Switzerland) · 11, 324

https://exaly.com/article/200108275

06 Insights Into Persian Gulf Beach Sand Mycobiomes: Promises and Challenges in Fungal Diversity

3 citations

Journal of Fungi (Basel, Switzerland) · 11, 554

https://exaly.com/article/203333486

07 Synthesis, Structural Characterization, in Vitro and in Silico Evaluations of Piperidine Carbodithioates as New Azole Antifungal Agents

0 citations

ChemistrySelect · 10, e02915

https://exaly.com/article/206900825

08 Azole-Resistant Aspergillus fumigatus in Patients With Cystic Fibrosis, a Prospective Study

0 citations

European Respiratory Journal · 66, PA3974

https://exaly.com/article/207397293

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2024

09 Onychomycosis Due to Fusarium Species in Different Continents, Literature Review on Diagnosis and Treatment — 10 citations
Mycoses · 67, e13652
https://exaly.com/article/167524940

10 A Comprehensive Review on the Role of T Cell Subsets and CAR-T Cell Therapy in Aspergillus fumigatus Infection — 9 citations
Human Immunology · 85, 110763
https://exaly.com/article/176313025

11 Metabolic Patterns of Fluconazole Resistant and Susceptible Candida auris Clade V and I — 3 citations
Journal of Fungi (Basel, Switzerland) · 10, 518
https://exaly.com/article/187674523

12 High Prevalence of Azole-Resistant Aspergillus fumigatus Among Iranian Cystic Fibrosis Patients: Should We Be Concerned? — 6 citations
Mycoses · 67, e13791
https://exaly.com/article/192591632

13 Clinical Characteristics and Outcomes of Colonization and Infection by Yeast Species in Solid Organ Transplant Recipients: Molecular Identification and Antifungal Susceptibility Patterns of Isolates — 4 citations
Medical Mycology
https://exaly.com/article/195608210

2023

14 Five-Year Surveillance Study of Clinical and Environmental Triazole-Resistant Aspergillus fumigatus Isolates in Iran — 20 citations
Mycoses · 66, 98-105
https://exaly.com/article/155198398

15 In Vitro Antifungal Susceptibility Profile of Iranian Fusarium Isolates: Emphasising on the Potent Inhibitory Effect of Efinaconazole Compared to Other Drugs — 6 citations
Mycoses · 66, 258-275
https://exaly.com/article/157985835

16 Design, Synthesis and Biological Activity of Hybrid Antifungals Derived From Fluconazole and Mebendazole — 24 citations
European Journal of Medicinal Chemistry · 249, 115146
https://exaly.com/article/160537176

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2023 / continued

17 **Potential Inhibitory Effect of Miltefosine Against Terbinafine-Resistant Trichophyton indotineae**
Pathogens · 12, 606
https://exaly.com/article/162373740
14 citations

18 **Antifungal Therapy of Candida Biofilms: Past, Present and Future**
Biofilm · 5, 100126
https://exaly.com/article/163056826
52 citations

19 **Catheter-Associated Blood Stream Infections Due to Candida Pararugosa in a Patient With Acute Myeloid Leukemia: A Case Report**
Brazilian Journal of Microbiology · 54, 891-895
https://exaly.com/article/163205433
7 citations

20 **Screening the Medicine for Malaria Venture's Pandemic Response Box to Identify Novel Inhibitors of Candida albicans and Candida auris Biofilm Formation.**
Apmis · 131, 613-625
https://exaly.com/article/164038860
7 citations

21 **The Hospitalization Rate and Clinical Characteristics of Mucormycosis Prior and During COVID-19 Pandemic: A Single-Center Study**
Journal of Infection in Developing Countries · 17, 791-799
https://exaly.com/article/164878125
3 citations

22 **In Vitro Combination of Antifungal Drugs With Tacrolimus (FK506) Holds Promise Against Clinical Candida Species, Including Candida auris.**
Medical Mycology
https://exaly.com/article/165069687
10 citations

23 **In-Vivo Efficiency of the Novel Azole Compounds (ATTAF-1 and ATTAF-2) Against Systemic Candidiasis in a Murine Model**
Journal De Mycologie Medicale · 33, 101437
https://exaly.com/article/170195940
3 citations

24 **An Autochthonous Susceptible Candida auris Clade I Otomycosis Case in Iran**
Journal of Fungi (Basel, Switzerland) · 9, 1101
https://exaly.com/article/172616179
7 citations

2022

25 **South Asian (Clade I) Candida auris Meningitis in a Paediatric Patient in Iran With a Review of the Literature**
Mycoses · 65, 134-139
https://exaly.com/article/123105693
39 citations

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2022 / continued

26 **A Chronic Autochthonous Fifth Clade Case of Candida auris Otomycosis in Iran**
33 citations
Mycopathologia · 187, 121-127
https://exaly.com/article/123389469

27 **Evaluating a Semi-Nested PCR to Support Histopathology Reports of Fungal Rhinosinusitis in Formalin-Fixed Paraffin-Embedded Tissue Samples**
8 citations
Journal of Clinical Laboratory Analysis · 36, e24209
https://exaly.com/article/125110864

28 **Species Distribution and Antifungal Susceptibilities of Aspergillus Section Fumigati Isolates in Clinical Samples From the United States.**
35 citations
Journal of Clinical Microbiology · 60, e0028022
https://exaly.com/article/136034741

29 **Eumycetoma Causative Agents Are Inhibited in Vitro by Luliconazole, Lanoconazole and Ravuconazole**
20 citations
Mycoses · 65, 650-655
https://exaly.com/article/136060267

30 **Global Prevalence and Subgroup Analyses of Coronavirus Disease (COVID-19) Associated Candida auris Infections (CACa): A Systematic Review and Meta-Analysis**
59 citations
Mycoses · 65, 683-703
https://exaly.com/article/145265717

31 **In Vitro Activity of 23 Antifungal Drugs Against 54 Clinical and Environmental Aspergillus oryzae Isolates**
6 citations
Mycoses · 65, 981-988
https://exaly.com/article/148935342

32 **In Vitro Antifungal Susceptibility Profile of Miltefosine Against a Collection of Azole and Echinocandins Resistant Fusarium Strains**
14 citations
Journal of Fungi (Basel, Switzerland) · 8, 709
https://exaly.com/article/148986071

33 **Trends in the Prevalence of Amphotericin B-Resistance (AmBR) Among Clinical Isolates of Aspergillus Species**
56 citations
Journal De Mycologie Medicale · 32, 101310
https://exaly.com/article/148996831

34 **Molecular Detection of Azole-Resistant Aspergillus fumigatus Isolates Carrying TR34/L98H Mutations in Soil Samples From the Critical Hospitals**
3 citations
Molecular Genetics, Microbiology and Virology · 37, 49-53
https://exaly.com/article/154435214

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2022 / continued

35 **Confirmation of Fifth Candida auris Clade by Whole Genome Sequencing**
Emerging Microbes and Infections · 11, 2405-2411
https://exaly.com/article/155011352
156 citations

36 **A New Record of Scedosporium dehoogii Isolated From Paddy Field Soil in Iran: Phylogeny and Antifungal Susceptibility Profiles**
Current Medical Mycology · 8, 27-31
https://exaly.com/article/165114680
3 citations

2021

37 **Multidrug-Resistant Trichophyton Mentagrophytes Genotype VIII in an Iranian Family With Generalized Dermatophytosis: Report of Four Cases and Review of Literature**
International Journal of Dermatology · 60, 686-692
https://exaly.com/article/77832939
85 citations

38 **Pulmonary Infection Secondary to Blastobotrys Raffinosifermentans in a Cystic Fibrosis Patient: Review of the Literature**
Mycoses · 64, 616-623
https://exaly.com/article/79205020
9 citations

39 **The Double-Edged Sword of Systemic Corticosteroid Therapy in Viral Pneumonia: A Case Report and Comparative Review of Influenza-Associated Mucormycosis Versus COVID-19 Associated Mucormycosis**
Mycoses · 64, 798-808
https://exaly.com/article/79393809
175 citations

40 **Molecular Identification and Antifungal Susceptibility of Yeasts and Molds Isolated From Patients With Otomycosis**
Mycopathologia · 186, 245-257
https://exaly.com/article/79625119
32 citations

41 **Frequency of Occurrence, Seasonal Variation and Antifungal Susceptibility of Opportunistic Mucorales Isolated From Hospital Soils in Iran**
Mycoses · 64, 780-787
https://exaly.com/article/80218522
20 citations

42 **In Vitro Activity of Olorofim Against Clinical Isolates of the Fusarium oxysporum and Fusarium solani Species Complexes**
Mycoses · 64, 748-752
https://exaly.com/article/80219521
39 citations

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43 First Fluconazole-Resistant Candida auris Isolated From Fungal Otitis in Iran
19 citations
Current Medical Mycology · 7, 51-54
https://exaly.com/article/80279997

44 Molecular Typing of Clinical and Environmental Aspergillus fumigatus Isolates From Iran Using Microsatellites
7 citations
Current Medical Mycology · 7, 25-30
https://exaly.com/article/80411005

45 Manogepix, the Active Moiety of the Investigational Agent Fosmanogepix, Demonstrates in Vitro Activity Against Members of the Fusarium oxysporum and Fusarium solani Species Complexes.
42 citations
Antimicrobial Agents and Chemotherapy
https://exaly.com/article/80601902

46 Fatal Necrotising Cutaneous Mucormycosis Due to Novel Saksenaea Species: A Case Study
5 citations
Journal of Wound Care · 30, 465-468
https://exaly.com/article/80720319

47 MALDI-TOF MS Characterisation, Genetic Diversity and Antifungal Susceptibility of Trichosporon Species From Iranian Clinical Samples
14 citations
Mycoses · 64, 918-925
https://exaly.com/article/80998930

48 Epidemiology and Antifungal Susceptibilities of Mucoralean Fungi in Clinical Samples From the United States.
77 citations
Journal of Clinical Microbiology · 59, e0123021
https://exaly.com/article/81934910

49 MixInYeast: A Multicenter Study on Mixed Yeast Infections
25 citations
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https://exaly.com/article/89016084

50 Isolation and Molecular Characterization of Clinical and Environmental Dematiaceous Fungi and Relatives From Iran
8 citations
Current Medical Mycology · 7, 1-8
https://exaly.com/article/135240271

2020

51 In Vitro Synergy of Echinocandins With Triazoles Against Fluconazole-Resistant Candida parapsilosis Complex Isolates
3 citations
Journal of Global Antimicrobial Resistance · 21, 331-334
https://exaly.com/article/75117544

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52 Interactions Between Immune Response to Fungal Infection and microRNAs: The Pioneer Tuners
17 citations
Mycoses · 63, 4-20
https://exaly.com/article/75145980

53 A Systematic Review of Toxoplasma gondii Genotypes and Feline: Geographical Distribution Trends
40 citations
Transboundary and Emerging Diseases · 67, 46-64
https://exaly.com/article/75149563

54 Clonal Expansion of Environmental Triazole Resistant Aspergillus fumigatus in Iran
19 citations
Journal of Fungi (Basel, Switzerland) · 6, 199
https://exaly.com/article/75411982

55 Potent in Vitro Activity of Curcumin and Quercetin Co-Encapsulated in Nanovesicles Without Hyaluronan Against Aspergillus and Candida Isolates
44 citations
Journal De Mycologie Medicale · 30, 101014
https://exaly.com/article/75941600

56 Needles in a Haystack: Extremely Rare Invasive Fungal Infections Reported in FungiScope—Global Registry for Emerging Fungal Infections
29 citations
Journal of Infection · 81, 802-815
https://exaly.com/article/75977183

57 The Urgent Need for Integrated Science to Fight COVID-19 Pandemic and Beyond
115 citations
Journal of Translational Medicine · 18, 1-7
https://exaly.com/article/76617279

58 Antifungal Activity of a Novel Triazole, Efinaconazole and Nine Comparators Against 354 Molecularly Identified Aspergillus Isolates
8 citations
Mycopathologia · 185, 357-365
https://exaly.com/article/76931311

59 First Azole-Resistant Aspergillus fumigatus Isolates With the Environmental TR46/Y121F/T289A Mutation in Iran
33 citations
Mycoses · 63, 430-436
https://exaly.com/article/77363372

60 Epidemiological Features of Nosocomial Candidaemia in Neonates, Infants and Children: A Multicentre Study in Iran
43 citations
Mycoses · 63, 382-394
https://exaly.com/article/77417677

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61 Candida africana Vulvovaginitis: Prevalence and Geographical Distribution
31 citations
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https://exaly.com/article/77543499

62 Hazard of Agricultural Triazole Fungicide: Does Cyproconazole Induce Voriconazole Resistance in Aspergillus fumigatus Isolates?
3 citations
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https://exaly.com/article/79054749

63 Fatal Invasive Pulmonary Aspergillosis in COVID-19 Patient With Acute Myeloid Leukemia in Iran
33 citations
Mycopathologia · 185, 1077-1084
https://exaly.com/article/84217059

64 Molecular Epidemiology and Antifungal Susceptibility Profiles of Clinical Cryptococcus neoformans/Cryptococcus Gattii Species Complex
17 citations
Journal of Medical Microbiology · 69, 72-81
https://exaly.com/article/85589362

2019

65 In Vitro Interaction of Geldanamycin With Triazoles and Echinocandins Against Common and Emerging Candida Species
32 citations
Mycopathologia · 184, 607-613
https://exaly.com/article/71905788

66 In Vitro Activities of 15 Antifungal Drugs Against a Large Collection of Clinical Isolates of Microsporum canis
34 citations
Mycoses · 62, 1069-1078
https://exaly.com/article/71920572

67 Potential Fifth Clade of Candida auris, Iran, 2018 - Volume 25, Number 9—September 2019 - Emerging Infectious Diseases Journal - CDC
331 citations
Emerging Infectious Diseases · 25, 1780-1781
https://exaly.com/article/71975675

68 Antifungal Resistance Testing and Implications for Management
16 citations
Current Fungal Infection Reports · 13, 274-283
https://exaly.com/article/72358617

69 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
1,627 citations
Lancet Infectious Diseases, The · 19, e405-e421
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70 Unequivocal Identification of an Underestimated Opportunistic Yeast Species, Cyberlindnera fabianii, and Its Close Relatives Using a Dual-Function PCR and Literature Review of Published Cases

Medical Mycology · 57, 833-840

https://exaly.com/article/72812795

21 citations

71 Novel Point Mutations in cyp51A and cyp51B Genes Associated With Itraconazole and Posaconazole Resistance in Aspergillus clavatus Isolates

Microbial Drug Resistance · 25, 652-662

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22 citations

72 Airway Colonisation by Candida and Aspergillus Species in Iranian Cystic Fibrosis Patients

Mycoses · 62, 434-440

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17 citations

73 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

Frontiers in Cellular and Infection Microbiology · 9, 432261

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40 citations

74 A Simple and Low Cost Tetra-Primer ARMS-PCR Method for Detection Triazole-Resistant Aspergillus fumigatus

Molecular Biology Reports · 46, 4537-4543

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11 citations

75 New Potent Antifungal Triazole Alcohols Containing N-Benzylpiperazine Carbodithioate Moiety: Synthesis, in Vitro Evaluation and in Silico Study

Bioorganic Chemistry · 90, 103060

https://exaly.com/article/73101325

34 citations

76 In Vitro Activity of Nine Antifungal Agents Against a Global Collection of Hortaea werneckii Isolates, the Agent of Tinea Nigra

International Journal of Antimicrobial Agents · 54, 95-98

https://exaly.com/article/73159883

11 citations

77 Health Effects of Dietary Risks in 195 Countries, 1990–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

Lancet, The · 393, 1958-1972

https://exaly.com/article/73628297

5,073 citations

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78 Global, Regional, and National Burden of Brain and Other CNS Cancer, 1990–2016: A Systematic Analysis for the Global Burden of Disease Study 2016
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Lancet Neurology, The · 18, 376-393
https://exaly.com/article/73666975

79 Candida auris Otomycosis in Iran and Review of Recent Literature
95 citations
Mycoses · 62, 101-105
https://exaly.com/article/74520083

80 An Unusual Case of Gastrointestinal Basidiobolomycosis Mimicking Colon Cancer; Literature and Review
31 citations
Journal De Mycologie Medicale · 29, 75-79
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81 Mortality, Morbidity, and Hospitalisations Due to Influenza Lower Respiratory Tract Infections, 2017: An Analysis for the Global Burden of Disease Study 2017
512 citations
Lancet Respiratory Medicine,the · 7, 69-89
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82 Global, Regional, and National Burden of Traumatic Brain Injury and Spinal Cord Injury, 1990–2016: A Systematic Analysis for the Global Burden of Disease Study 2016
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Lancet Neurology, The · 18, 56-87
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83 Epidemiology of Aspergillus Species Causing Keratitis in Mexico
34 citations
Mycoses · 62, 144-151
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84 YEAST PANEL Multiplex PCR for Identification of Clinically Important Yeast Species: Stepwise Diagnostic Strategy, Useful for Developing Countries
54 citations
Diagnostic Microbiology and Infectious Disease · 93, 112-119
https://exaly.com/article/74820825

85 Overexpression of Efflux Pump Genes Is an Alternative Mechanism in Voriconazole Resistant Aspergillus fumigatus Isolates Without Relative Mutations in CYP5A
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Infectious Disorders - Drug Targets · 20, 860-866
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86 Cellular Apoptosis: An Alternative Mechanism of Action for Caspofungin Against Candida glabrata
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2019 / continued

87 **Indifferent Effect of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) Combined With Fluconazole Against Multidrug-Resistant Candida auris**
10 citations
Current Medical Mycology · 5, 26-30
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88 **Highly Concentrated Multifunctional Silver Nanoparticle Fabrication Through Green Reduction of Silver Ions in Terms of Mechanics and Therapeutic Potentials**
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Anti-Cancer Agents in Medicinal Chemistry · 19, 2140-2153
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89 **Candidemia Due to Candida guilliermondii in an Immuno-Compromised Infant: A Case Report and Review of Literature**
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90 **Comparative Virulence of Candida auris With Candida haemulonii, Candida glabrata and Candida albicans in a Murine Model**
116 citations
Mycoses · 61, 377-382
https://exaly.com/article/68788878

91 **Pesticide Behavior in Paddy Fields and Development of Azole-Resistant Aspergillus fumigatus: Should We Be Concerned?**
34 citations
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https://exaly.com/article/68837160

92 **Discovery of Benzylthio Analogs of Fluconazole as Potent Antifungal Agents**
23 citations
Future Medicinal Chemistry · 10, 987-1002
https://exaly.com/article/68883056

93 **Spending on Health and HIV/AIDS: Domestic Health Spending and Development Assistance in 188 Countries, 1995–2015**
157 citations
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https://exaly.com/article/68904857

94 **Trends in Future Health Financing and Coverage: Future Health Spending and Universal Health Coverage in 188 Countries, 2016–40**
207 citations
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95 **Identification of Uncommon Oral Yeasts From Cancer Patients by MALDI-TOF Mass Spectrometry**
97 citations
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96 **Candida Infanticola and Candida Spencermartinsiae Yeasts: Possible Emerging Species in Cancer Patients**
10 citations
Microbial Pathogenesis · 115, 353-357
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97 **In Vitro Combination of Voriconazole With Micafungin Against Azole-Resistant Clinical Isolates of Aspergillus fumigatus From Different Geographical Regions**
8 citations
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98 **Potent Activities of Luliconazole, Lanoconazole, and Eight Comparators Against Molecularly Characterized Fusarium Species.**
32 citations
Antimicrobial Agents and Chemotherapy
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99 **In Vitro Antifungal Activity of Novel Triazole Efinaconazole and Five Comparators Against Dermatophyte Isolates.**
45 citations
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https://exaly.com/article/69444492

100 **Use of Cell Surface Protein Typing for Genotyping of Azole-Resistant and -Susceptible Aspergillus fumigatus Isolates in Iran**
8 citations
Mycoses · 61, 143-147
https://exaly.com/article/69570060

101 **Cerebral Phaeohyphomycosis Due to Rhinocladiella mackenziei in Persian Gulf Region: A Case and Review**
23 citations
Mycoses · 61, 261-265
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102 **In Vitro Antifungal Activity of Amphotericin B and 11 Comparators Against Aspergillus terreus Species Complex**
28 citations
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103 **Evaluation of PCR-Reverse Line Blot Hybridization Assay for Simultaneous Identification of Medically Important Saprophytic Fungi**
0 citations
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104 **Global, Regional, and National Age-Sex-Specific Mortality and Life Expectancy, 1950–2017: A Systematic Analysis for the Global Burden of Disease Study 2017**
877 citations
Lancet, The · 392, 1684-1735
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105 Global, Regional, and National Age-Sex-Specific Mortality for 282 Causes of Death in 195 Countries and Territories, 1980–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

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106 Global, Regional, and National Comparative Risk Assessment of 84 Behavioural, Environmental and Occupational, and Metabolic Risks or Clusters of Risks for 195 Countries and Territories, 1990–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

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107 Population and Fertility by Age and Sex for 195 Countries and Territories, 1950–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

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108 Global, Regional, and National Incidence, Prevalence, and Years Lived With Disability for 354 Diseases and Injuries for 195 Countries and Territories, 1990–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

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109 Measuring Progress From 1990 to 2017 and Projecting Attainment to 2030 of the Health-Related Sustainable Development Goals for 195 Countries and Territories: A Systematic Analysis for the Global Burden of Disease Study 2017

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110 Global, Regional, and National Disability-Adjusted Life-Years (DALYs) for 359 Diseases and Injuries and Healthy Life Expectancy (HALE) for 195 Countries and Territories, 1990–2017: A Systematic Analysis for the Global Burden of Disease Study 2017

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113 Emerging Candida Species Isolated From Renal Transplant Recipients: Species Distribution and Susceptibility Profiles

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114 Molecular Epidemiology of Environmental Cryptococcus Species Isolates Based on Amplified Fragment Length Polymorphism

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