Helena BujdÃ¡kovÃ¡

List of Publications by Year
in descending order

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79 papers	1,289 citations	394421 19 h-index	414414 32 g-index
79 all docs	79 docs citations	79 times ranked	1747 citing authors

#	Article	IF	Citations
1	Detailed comparison of Candida albicans and Candida glabrata biofilms under different conditions and their susceptibility to caspofungin and anidulafungin. Journal of Medical Microbiology, 2011, 60, 1261-1269.	1.8	103
2	Candida albicans biofilm formation in a new in vivo rat model. Microbiology (United Kingdom), 2010, 156, 909-919.	1.8	97
3	Evaluating Efficacy of Antimicrobial and Antifouling Materials for Urinary Tract Medical Devices: Challenges and Recommendations. Macromolecular Bioscience, 2019, 19, e1800384.	4.1	66
4	Anti-Candidaactivity of four antifungal benzothiazoles. FEMS Microbiology Letters, 1993, 112, 329-334.	1.8	60
5	Multilocus Sequence Typing Reveals that the Population Structure of <i>Candida dubliniensis</i> Is Significantly Less Divergent than That of <i>Candida albicans</i>. Journal of Clinical Microbiology, 2008, 46, 652-664.	3.9	57
6	The expression of genes involved in the ergosterol biosynthesis pathway in <i>Candida albicans</i> and <i>Candida dubliniensis</i> biofilms exposed to fluconazole. Mycoses, 2009, 52, 118-128.	4.0	54
7	Study of fungicidal and antibacterial effect of the Cu(II)-complexes of thiophene oligomers synthesized in ZSM-5 zeolite channels. Chemosphere, 2001, 44, 313-319.	8.2	45
8	Impact of Healthcare-Associated Infections Connected to Medical Devicesâ€"An Update. Microorganisms, 2021, 9, 2332.	3.6	36
9	Antimicrobial activity of organoclays based on quaternary alkylammonium and alkylphosphonium surfactants and montmorillonite. Applied Clay Science, 2018, 158, 21-28.	5.2	35
10	Variation of cell surface hydrophobicity and biofilm formation among genotypes of<i>Candida albicans</i>and<i>Candida dubliniensis</i>under antifungal treatment. Canadian Journal of Microbiology, 2008, 54, 718-724.	1.7	34
11	Antifungal activity of a new benzothiazole derivative against Candida in vitro and in vivo. International Journal of Antimicrobial Agents, 1994, 4, 303-308.	2.5	31
12	Inhibition of yeast-mycelium transformation by 2-alkylthio-6-amino-and 2-alkylthio-6-formamidobenzothiazoles and theirin vitro antifungal activity. Folia Microbiologica, 1989, 34, 504-510.	2.3	30
13	Clay Mineral Particles As Efficient Carriers of Methylene Blue Used for Antimicrobial Treatment. Environmental Science & Technology, 2009, 43, 6202-6207.	10.0	26
14	Inhibition of sterol 4-demethylation in Candida albicans by 6-amino-2-n-pentylthiobenzothiazole, a novel mechanism of action for an antifungal agent. Antimicrobial Agents and Chemotherapy, 1995, 39, 1538-1541.	3.2	24
15	Photophysical and antibacterial properties of complex systems based on smectite, a cationic surfactant and methylene blue. Journal of Photochemistry and Photobiology B: Biology, 2015, 151, 135-141.	3.8	23
16	Management of <i>Candida</i> biofilms: state of knowledge and new options for prevention and eradication. Future Microbiology, 2016, 11, 235-251.	2.0	23
17	Antibody response to the 45â€…kDa Candida albicans antigen in an animal model and potential role of the antigen in adherence. Journal of Medical Microbiology, 2008, 57, 1466-1472.	1.8	21
18	Role of cell surface hydrophobicity in Candida albicans biofilm. Open Life Sciences, 2013, 8, 259-262.	1.4	20

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19	Effectiveness of the Photoactive Dye Methylene Blue <i>versus</i> Caspofungin on the <i><scp>C</scp>andida parapsilosis</i> Biofilm <i>inÂ vitro</i> and <i>exÂ vivo</i>. Photochemistry and Photobiology, 2015, 91, 1181-1190.	2.5	20
20	New Anticandidous 2-Alkylthio-6-aminobenzothiazoles. Molecules, 1997, 2, 36-42.	3.8	19
21	The impact of farnesol in combination with fluconazole on Candida albicans biofilm: regulation of ERG20, ERG9, and ERG11 genes. Folia Microbiologica, 2018, 63, 363-371.	2.3	19
22	Synthesis and study of new antimicrobial benzothiazoles substituted on heterocyclic ring. Arkivoc, 2008, 2008, 183-192.	0.5	19
23	Spectrum and transferability of Î²-lactam resistance in hospital strains of Enterobacter isolated in Bratislava and Innsbruck. International Journal of Antimicrobial Agents, 2000, 16, 31-36.	2.5	18
24	Impact of Farnesol as a Modulator of Efflux Pumps in a Fluconazole-Resistant Strain of <i>Candida albicans</i>. Microbial Drug Resistance, 2019, 25, 805-812.	2.0	18
25	Participation of theCandida albicanssurface antigen in adhesion, the first phase of biofilm development. FEMS Immunology and Medical Microbiology, 2010, 59, 485-492.	2.7	17
26	Activity of anti-CR3-RP polyclonal antibody against biofilms formed by Candida auris, a multidrug-resistant emerging fungal pathogen. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 101-108.	2.9	17
27	Properties and role of the quorum sensing molecule farnesol in relation to the yeast. Die Pharmazie, 2017, 72, 307-312.	0.5	17
28	Inactivation of bacteria G+-S. aureus and Gâˆ’-E. coli by phototoxic polythiophene incorporated in ZSM-5 zeolite. Chemosphere, 2006, 63, 1419-1426.	8.2	16
29	Non-Thermal Plasma Can Be Used in Disinfection of Scots Pine (Pinus sylvestris L.) Seeds Infected with Fusarium oxysporum. Forests, 2020, 11, 837.	2.1	16
30	Impact of farnesol and Corsodyl^{Â®} on <i>Candida albicans</i> forming dual biofilm with <i>Streptococcus mutans</i>. Oral Diseases, 2018, 24, 1126-1131.	3.0	15
31	The impact of growth conditions on biofilm formation and the cell surface hydrophobicity in fluconazole susceptible and tolerant Candida albicans. Folia Microbiologica, 2015, 60, 45-51.	2.3	14
32	Survey of Enterobacteriaceae Producing Extended-Spectrum Î²-Lactamases in a Slovak Hospital: Dominance of SHV-2a and Characterization of TEM-132. Antimicrobial Agents and Chemotherapy, 2005, 49, 3066-3069.	3.2	13
33	Employment of methylene blue irradiated with laser light source in photodynamic inactivation of biofilm formed byCandida albicansstrain resistant to fluconazole. Medical Mycology, 2017, 55, myw137.	0.7	12
34	Anti-biofilm activity of antibody directed against surface antigen complement receptor 3-related proteinâ€"comparison of Candida albicans and Candida dubliniensis. Pathogens and Disease, 2018, 76, .	2.0	12
35	Antifungal activity of 3-(2-alkylthio-6-benzothiazolylaminomethyl)-2-benzothiazolinet hiones in vitro. Die Pharmazie, 1994, 49, 375-6.	0.5	12
36	Study of Î²-lactam resistance in ceftazidime-resistant clinical isolates of Enterobacteriaceae. International Journal of Antimicrobial Agents, 1998, 10, 135-141.	2.5	10

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37	Inhibition of germ tube formation, filamentation and ergosterol biosynthesis inCandida albicans treated with 6-amino-2-n-pentylthiobenzothiazole. Folia Microbiologica, 1999, 44, 523-526.	2.3	10
38	Humoral immune responses to Candida albicans complement receptor 3-related protein in the atopic subjects with vulvovaginal candidiasis. Novel sensitive marker for Candida infection. FEMS Yeast Research, 2015, 15, .	2.3	10
39	Up-Regulation of Antimicrobial Peptides Gallerimycin and Galiomicin in Galleria mellonella Infected with Candida Yeasts Displaying Different Virulence Traits. Mycopathologia, 2018, 183, 935-940.	3.1	10
40	Characterization of enterococci of animal and environmental origin using phenotypic methods and comparison with PCR based methods. Veterinarni Medicina, 2010, 55, 97-105.	0.6	10
41	Occurrence and transferability of Î²-lactam resistance inEnterobacteriaceae isolated inChildren's University Hospital in Bratislava. Folia Microbiologica, 2001, 46, 339-344.	2.3	9
42	Identification and ÃŸ-lactam resistance in aquatic isolates of Enterobacter cloacae and their status in microbiota of Domica Cave in Slovak Karst (Slovakia). International Journal of Speleology, 2014, 43, 69-77.	1.0	9
43	Discrimination betweenCandida albicans andCandida dubliniensis isolated from HIV-positive patients by using commercial method in comparison with PCR assay. Folia Microbiologica, 2004, 49, 484-490.	2.3	8
44	Outer membrane protein profiles of clonally relatedKlebsiella pneumoniaeisolates that differ in cefoxitin resistance. FEMS Microbiology Letters, 2005, 243, 197-203.	1.8	8
45	Occurrence of aminoglycoside-modifying-enzyme genesaac(6â€²)-aph(2â€³), aph(3â€²), ant(4â€²) andant(6) in clinical isolates ofEnterococcus faecalis resistant to high-level of gentamicin and amikacin. Folia Microbiologica, 2006, 51, 57-61.	2.3	8
46	Hybrid Materials Based on Luminescent Alkaloid Berberine and Saponite. Journal of Nanoscience and Nanotechnology, 2016, 16, 7801-7804.	0.9	8
47	Opportunist Coinfections by Nontuberculous Mycobacteria and Fungi in Immunocompromised Patients. Antibiotics, 2020, 9, 771.	3.7	8
48	Temperature-dependent surface expression of the beta-2-integrin analogue of Candida albicans and its role in adhesion to the human endothelium. Experimental and Clinical Immunogenetics, 1996, 13, 161-72.	1.2	8
49	The efficiency of the benzothiazole APB, the echinocandin micafungin, and amphotericin B in fluconazole-resistant Candida albicans and Candida dubliniensis. Die Pharmazie, 2004, 59, 573-4.	0.5	8
50	Surface Characterization and Anti-Biofilm Effectiveness of Hybrid Films of Polyurethane Functionalized with Saponite and Phloxine B. Materials, 2021, 14, 7583.	2.9	8
51	Expression and quantification of the iC3b-binding protein in differentCandida albicansstrains and their morphological stages. FEMS Immunology and Medical Microbiology, 1997, 18, 147-152.	2.7	7
52	Immune responsiveness of a novel peptidoglycan conjugate prepared from surfaceCandidaimmunogens: mannan and CR3-related protein. FEMS Immunology and Medical Microbiology, 2008, 53, 421-428.	2.7	7
53	Synthesis of Chiral 3,4â€Disubstituted Pyrrolidines with Antibacterial Properties. European Journal of Organic Chemistry, 2020, 2020, 2565-2575.	2.4	7
54	Efficacy of 6-amino-2-n-pentylthiobenzothiazole onTrichophyton in vitro and in vivo. Mycopathologia, 1995, 130, 141-145.	3.1	6

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55	The first clinical isolates of Candida dubliniensis in Slovakia. Mycopathologia, 2005, 159, 369-371.	3.1	6
56	First case of systemic phaeohyphomycosis due to Cladophialophora bantiana in Slovakia. JMM Case Reports, 2014, 1, e002659.	1.3	6
57	Susceptibility To Caspofungin And Fluconazole And Als1/Als3 Gene Expression In Biofilm And Dispersal Cells Of Candida Albicans / Profil Osjetljivosti Na Kaspofungin I Flukonazol I Ekspresija Gena Als1 I Als3 U Stanicama Biofilma Te Planktonskim Stanicama Vrste Candida Albicans. Arhiv Za Higijenu Rada I Toksikologiju, 2012, 63, 497-503.	0.7	5
58	The Contribution of Photodynamic Inactivation vs. Corsodyl Mouthwash to the Control of Streptococcus mutans Biofilms. Current Microbiology, 2020, 77, 988-996.	2.2	5
59	Physico-Chemical Characterization and Antimicrobial Properties of Hybrid Film Based on Saponite and Phloxine B. Molecules, 2021, 26, 325.	3.8	5
60	The influence of subinhibitory concentrations of conventional and experimental antifungal drugs on the expression of the iC3b binding protein inCandida albicansstrains during filamentation. FEMS Immunology and Medical Microbiology, 1999, 26, 1-10.	2.7	4
61	Subinhibitory concentrations of fluconazole increase the intracellular sodium content in both fluconazole-resistant and -sensitive <i>Candida albicans</i> strains. Canadian Journal of Microbiology, 2009, 55, 605-610.	1.7	4
62	Cdr2p contributes to fluconazole resistance in Candida dubliniensis clinical isolates. Canadian Journal of Microbiology, 2011, 57, 416-426.	1.7	4
63	Detection of tetracycline and macrolide resistance determinants in enterococci of animal and environmental origin using multiplex PCR. Folia Microbiologica, 2011, 56, 236-240.	2.3	4
64	Antifungal and antialgal activity of 3-(2-alkylthio-6-benzothiazolylaminomethyl)-2-benzoxazolinethiones. Die Pharmazie, 1995, 50, 156.	0.5	4
65	Expression and quantification of the iC3b-binding protein in different Candida albicans strains and their morphological stages. FEMS Immunology and Medical Microbiology, 1997, 18, 147-152.	2.7	3
66	Molecular characterization of hospital vancomycin-resistant Enterococcus faecalis isolated in Slovakia. Journal of Antimicrobial Chemotherapy, 2004, 53, 405-406.	3.0	3
67	Synergy between azoles and 1,4-dihydropyridine derivative as an option to control fungal infections. Antonie Van Leeuwenhoek, 2017, 110, 1219-1226.	1.7	3
68	Synergy Over Monotherapy. Current Microbiology, 2019, 76, 673-677.	2.2	3
69	The occurrence and transferability of the resistance determinants in 50 amikacin-resistant Enterococcus faecalis and Enterococcus faecium. International Journal of Antimicrobial Agents, 2003, 22, 632-633.	2.5	2
70	Effect of antifungals on itraconazole resistant Candida glabrata. Open Life Sciences, 2010, 5, 318-323.	1.4	2
71	Decreased vitality and viability of Escherichia coli isolates by adherence to saponite particles. Applied Clay Science, 2019, 183, 105316.	5.2	2
72	Dissemination of Virulence Factors and Antimicrobial Resistance in Faecal Enterococci from Poultry. Current Nutrition and Food Science, 2011, 7, 137-143.	0.6	2

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73	Synergy between 6-amino-2-n-pentylthiobenzothiazole and ergosterol biosynthesis-inhibiting antimycotics against Candida albicans in vitro. International Journal of Antimicrobial Agents, 2000, 15, 153-154.	2.5	1
74	Anti-Candida activity of four antifungal benzothiazoles. FEMS Microbiology Letters, 1993, 112, 329-333.	1.8	1
75	In vitro activity of imipenem and six other beta-lactam antibiotics against aminoglycoside resistant gram-negative bacilli. Microbios, 1995, 84, 87-90.	0.3	1
76	Persistence and multi-ward dissemination of vancomycin-resistant Enterococcus faecium ST17 clone in hospital settings in Slovakia 2017â€“2020. International Journal of Antimicrobial Agents, 2022, 59, 106561.	2.5	1
77	The influence of subinhibitory concentrations of conventional and experimental antifungal drugs on the expression of the iC3b binding protein in Candida albicans strains during filamentation. FEMS Immunology and Medical Microbiology, 1999, 26, 1-10.	2.7	0
78	Biofilm formation and adhesive/invasive properties of Candida dubliniensis in comparison with Candida albicans. Open Life Sciences, 2011, 6, 893-901.	1.4	0
79	Pâ€“275 Development of a prediction model using machine learning on small noncoding RNA biomarkers for non-invasive selection of high-quality embryos for the in vitro fertilization process. Human Reproduction, 2021, 36, .	0.9	0