Helena BujdÃ¡kovÃ¡

List of Publications by Year
in descending order

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	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
2	Physico-Chemical Characterization and Antimicrobial Properties of Hybrid Film Based on Saponite and Phloxine B. Molecules, 2021, 26, 325.	3.8	5
3	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
4	Impact of Healthcare-Associated Infections Connected to Medical Devicesâ€”An Update. Microorganisms, 2021, 9, 2332.	3.6	36
5	Surface Characterization and Anti-Biofilm Effectiveness of Hybrid Films of Polyurethane Functionalized with Saponite and Phloxine B. Materials, 2021, 14, 7583.	2.9	8
6	Opportunist Coinfections by Nontuberculous Mycobacteria and Fungi in Immunocompromised Patients. Antibiotics, 2020, 9, 771.	3.7	8
7	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
8	The Contribution of Photodynamic Inactivation vs. Corsodyl Mouthwash to the Control of Streptococcus mutans Biofilms. Current Microbiology, 2020, 77, 988-996.	2.2	5
9	Synthesis of Chiral 3,4â€Disubstituted Pyrrolidines with Antibacterial Properties. European Journal of Organic Chemistry, 2020, 2020, 2565-2575.	2.4	7
10	Evaluating Efficacy of Antimicrobial and Antifouling Materials for Urinary Tract Medical Devices: Challenges and Recommendations. Macromolecular Bioscience, 2019, 19, e1800384.	4.1	66
11	Synergy Over Monotherapy. Current Microbiology, 2019, 76, 673-677.	2.2	3
12	Impact of Farnesol as a Modulator of Efflux Pumps in a Fluconazole-Resistant Strain of Candida albicans. Microbial Drug Resistance, 2019, 25, 805-812.	2.0	18
13	Decreased vitality and viability of Escherichia coli isolates by adherence to saponite particles. Applied Clay Science, 2019, 183, 105316.	5.2	2
14	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
15	Impact of farnesol and Corsodyl^{Â®} on Candida albicans forming dual biofilm with Streptococcus mutans. Oral Diseases, 2018, 24, 1126-1131.	3.0	15
16	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
17	Antimicrobial activity of organoclays based on quaternary alkylammonium and alkylphosphonium surfactants and montmorillonite. Applied Clay Science, 2018, 158, 21-28.	5.2	35
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	Properties and role of the quorum sensing molecule farnesol in relation to the yeast. Die Pharmazie, 2017, 72, 307-312.	0.5	17
23	Hybrid Materials Based on Luminescent Alkaloid Berberine and Saponite. Journal of Nanoscience and Nanotechnology, 2016, 16, 7801-7804.	0.9	8
24	Management of Candida biofilms: state of knowledge and new options for prevention and eradication. Future Microbiology, 2016, 11, 235-251.	2.0	23
25	Effectiveness of the Photoactive Dye Methylene Blue versus Caspofungin on the <scp>C</scp>andida parapsilosis Biofilm inÂvitro and exÂvivo. Photochemistry and Photobiology, 2015, 91, 1181-1190.	2.5	20
26	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
27	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
28	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
29	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
30	First case of systemic phaeohyphomycosis due to Cladophialophora bantiana in Slovakia. JMM Case Reports, 2014, 1, e002659.	1.3	6
31	Role of cell surface hydrophobicity in Candida albicans biofilm. Open Life Sciences, 2013, 8, 259-262.	1.4	20
32	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
33	Cdr2p contributes to fluconazole resistance in Candida dubliniensis clinical isolates. Canadian Journal of Microbiology, 2011, 57, 416-426.	1.7	4
34	Biofilm formation and adhesive/invasive properties of Candida dubliniensis in comparison with Candida albicans. Open Life Sciences, 2011, 6, 893-901.	1.4	0
35	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
36	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

#	Article	IF	Citations
37	Dissemination of Virulence Factors and Antimicrobial Resistance in Faecal Enterococci from Poultry. Current Nutrition and Food Science, 2011, 7, 137-143.	0.6	2
38	Effect of antifungals on itraconazole resistant Candida glabrata. Open Life Sciences, 2010, 5, 318-323.	1.4	2
39	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
40	Candida albicans biofilm formation in a new in vivo rat model. Microbiology (United Kingdom), 2010, 156, 909-919.	1.8	97
41	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
42	The expression of genes involved in the ergosterol biosynthesis pathway in Candida albicans and Candida dubliniensis biofilms exposed to fluconazole. Mycoses, 2009, 52, 118-128.	4.0	54
43	Clay Mineral Particles As Efficient Carriers of Methylene Blue Used for Antimicrobial Treatment. Environmental Science & Technology, 2009, 43, 6202-6207.	10.0	26
44	Subinhibitory concentrations of fluconazole increase the intracellular sodium content in both fluconazole-resistant and -sensitive Candida albicans strains. Canadian Journal of Microbiology, 2009, 55, 605-610.	1.7	4
45	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
46	Variation of cell surface hydrophobicity and biofilm formation among genotypes ofCandida albicansandCandida dubliniensisunder antifungal treatment. Canadian Journal of Microbiology, 2008, 54, 718-724.	1.7	34
47	Multilocus Sequence Typing Reveals that the Population Structure of Candida dubliniensis Is Significantly Less Divergent than That of Candida albicans. Journal of Clinical Microbiology, 2008, 46, 652-664.	3.9	57
48	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
49	Synthesis and study of new antimicrobial benzothiazoles substituted on heterocyclic ring. Arkivoc, 2008, 2008, 183-192.	0.5	19
50	Inactivation of bacteria G+-S. aureus and Gâ¯-E. coli by phototoxic polythiophene incorporated in ZSM-5 zeolite. Chemosphere, 2006, 63, 1419-1426.	8.2	16
51	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
52	Outer membrane protein profiles of clonally relatedKlebsiella pneumoniaeisolates that differ in cefoxitin resistance. FEMS Microbiology Letters, 2005, 243, 197-203.	1.8	8
53	The first clinical isolates of Candida dubliniensis in Slovakia. Mycopathologia, 2005, 159, 369-371.	3.1	6
54	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

#	Article	IF	Citations
55	Molecular characterization of hospital vancomycin-resistant Enterococcus faecalis isolated in Slovakia. Journal of Antimicrobial Chemotherapy, 2004, 53, 405-406.	3.0	3
56	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
57	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
58	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
59	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
60	Occurrence and transferability of Î²-lactam resistance inEnterobacteriaceae isolated inChildren's University Hospital in Bratislava. Folia Microbiologica, 2001, 46, 339-344.	2.3	9
61	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
62	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
63	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
64	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
65	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
66	Study of Î²-lactam resistance in ceftazidime-resistant clinical isolates of Enterobacteriaceae. International Journal of Antimicrobial Agents, 1998, 10, 135-141.	2.5	10
67	New Anticandidous 2-Alkylthio-6-aminobenzothiazoles. Molecules, 1997, 2, 36-42.	3.8	19
68	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
69	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
70	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
71	Efficacy of 6-amino-2-n-pentylthiobenzothiazole onTrichophyton in vitro and in vivo. Mycopathologia, 1995, 130, 141-145.	3.1	6
72	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

#	Article	IF	Citations
73	Antifungal and antialgal activity of 3-(2-alkylthio-6-benzothiazolylaminomethyl)-2-benzoxazolinethi ones. Die Pharmazie, 1995, 50, 156.	0.5	4
74	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
75	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
76	Antifungal activity of 3-(2-alkylthio-6-benzothiazolylaminomethyl)-2-benzothiazolinet hiones in vitro. Die Pharmazie, 1994, 49, 375-6.	0.5	12
77	Anti-Candidaactivity of four antifungal benzothiazoles. FEMS Microbiology Letters, 1993, 112, 329-334.	1.8	60
78	Anti-Candida activity of four antifungal benzothiazoles. FEMS Microbiology Letters, 1993, 112, 329-333.	1.8	1
79	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