Slavena Vylkova

List of Publications by Year
in descending order

23 papers	1,361 citations	516710 16 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1696 citing authors

#	Article	IF	Citations
1	<i>GNP2</i> Encodes a High-Specificity Proline Permease in Candida albicans. MBio, 2022, 13, e0314221.	4.1	7
2	Metabolic modeling predicts specific gut bacteria as key determinants for <i>Candida albicans</i> colonization levels. ISME Journal, 2021, 15, 1257-1270.	9.8	23
3	Bloodstream infection due to Enterobacter ludwigii, correlating with massive aggregation on the surface of a central venous catheter. Infection, 2020, 48, 955-958.	4.7	3
4	Catch the wave: Metabolomic analyses in human pathogenic fungi. PLoS Pathogens, 2020, 16, e1008757.	4.7	15
5	Clinical <i>Candida albicans</i> Vaginal Isolates and a Laboratory Strain Show Divergent Behaviors during Macrophage Interactions. MSphere, 2020, 5, .	2.9	15
6	Active neutrophil responses counteract CandidaÂalbicans burn wound infection of ex vivo human skin explants. Scientific Reports, 2020, 10, 21818.	3.3	13
7	Ahr1 and Tup1 Contribute to the Transcriptional Control of Virulence-Associated Genes in Candida albicans. MBio, 2020, 11, .	4.1	24
8	The Transcription Factor Stp2 Is Important for Candida albicans Biofilm Establishment and Sustainability. Frontiers in Microbiology, 2020, 11, 794.	3.5	11
9	Role of Amino Acid Metabolism in the Virulence of Human Pathogenic Fungi. Current Clinical Microbiology Reports, 2019, 6, 108-119.	3.4	36
10	Phagosomal Neutralization by the Fungal Pathogen Candida albicans Induces Macrophage Pyroptosis. Infection and Immunity, 2017, 85, .	2.2	64
11	Environmental pH modulation by pathogenic fungi as a strategy to conquer the host. PLoS Pathogens, 2017, 13, e1006149.	4.7	140
12	Robust Extracellular pH Modulation by Candida albicans during Growth in Carboxylic Acids. MBio, 2016, 7, .	4.1	55
13	Modulation of Phagosomal pH by Candida albicans Promotes Hyphal Morphogenesis and Requires Stp2p, a Regulator of Amino Acid Transport. PLoS Pathogens, 2014, 10, e1003995.	4.7	157
14	The Fungal Pathogen Candida albicans Autoinduces Hyphal Morphogenesis by Raising Extracellular pH. MBio, 2011, 2, e00055-11.	4.1	273
15	Conservation and dispersion of sequence and function in fungal TRK potassium transporters: focus on<i>Candida albicans</i>. FEMS Yeast Research, 2009, 9, 278-292.	2.3	21
16	Role of Acetyl Coenzyme A Synthesis and Breakdown in Alternative Carbon Source Utilization in <i>Candida albicans</i>. Eukaryotic Cell, 2008, 7, 1733-1741.	3.4	65
17	Histatin 5 Initiates Osmotic Stress Response in <i>Candida albicans</i> via Activation of the Hog1 Mitogen-Activated Protein Kinase Pathway. Eukaryotic Cell, 2007, 6, 1876-1888.	3.4	81
18	Human Î^{2}-Defensins Kill <i>Candida albicans</i> in an Energy-Dependent and Salt-Sensitive Manner without Causing Membrane Disruption. Antimicrobial Agents and Chemotherapy, 2007, 51, 154-161.	3.2	125

#	Article	IF	Citations
19	The role of released ATP in killing Candida albicans and other extracellular microbial pathogens by cationic peptides. Purinergic Signalling, 2007, 3, 91-7.	2.2	41
20	Distinct Antifungal Mechanisms: Î²-Defensins Require Candida albicans Ssa1 Protein, while Trk1p Mediates Activity of Cysteine-Free Cationic Peptides. Antimicrobial Agents and Chemotherapy, 2006, 50, 324-331.	3.2	88
21	The TRK1 Potassium Transporter Is the Critical Effector for Killing of Candida albicans by the Cationic Protein, Histatin 5. Journal of Biological Chemistry, 2004, 279, 55060-55072.	3.4	69
22	Killing of Candida albicans by Human Salivary Histatin 5 Is Modulated, but Not Determined, by the Potassium Channel TOK1. Infection and Immunity, 2003, 71, 3251-3260.	2.2	33
23	Encounters with Mammalian Cells: Survival Strategies of Candida Species. , 0, , 261-P1.		1