

# Olga Heidingsfeld

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

265  
citations

1040056

9  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secreted proteins of <i>Candida albicans</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 7227.	3.0	35
2	Cloning and characterization of Sapp2p, the second aspartic proteinase isoenzyme from <i>Candida parapsilosis</i> . <i>FEMS Yeast Research</i> , 2006, 6, 1018-1026.	2.3	33
3	Functional Characterization of Secreted Aspartyl Proteases in <i>Candida parapsilosis</i> . <i>MSphere</i> , 2019, 4, .	2.9	29
4	Δ <sup>12</sup> -Fatty Acid Desaturase from <i>Candida parapsilosis</i> Is a Multifunctional Desaturase Producing a Range of Polyunsaturated and Hydroxylated Fatty Acids. <i>PLoS ONE</i> , 2014, 9, e93322.	2.5	27
5	Two aspartic proteinases secreted by the pathogenic yeast <i>Candida parapsilosis</i> differ in expression pattern and catalytic properties. <i>Biological Chemistry</i> , 2009, 390, 259-68.	2.5	26
6	The precursor of secreted aspartic proteinase Sapp1p from <i>Candida parapsilosis</i> can be activated both autocatalytically and by a membrane-bound processing proteinase. <i>Biological Chemistry</i> , 2005, 386, 791-9.	2.5	19
7	The crystal structure of the secreted aspartic protease 1 from <i>Candida parapsilosis</i> in complex with pepstatin A. <i>Journal of Structural Biology</i> , 2009, 167, 145-152.	2.8	19
8	Crystal structure of carbonic anhydrase CaNce103p from the pathogenic yeast <i>Candida albicans</i> . <i>BMC Structural Biology</i> , 2018, 18, 14.	2.3	13
9	Atomic resolution crystal structure of Sapp2p, a secreted aspartic protease from <i>Candida parapsilosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2494-2504.	2.5	9
10	Structure-based specificity mapping of secreted aspartic proteases of <i>Candida parapsilosis</i> , <i>Candida albicans</i> , and <i>Candida tropicalis</i> using peptidomimetic inhibitors and homology modeling. <i>Biological Chemistry</i> , 2006, 387, 1247-1254.	2.5	8
11	Evidence for the presence of proteolytically active secreted aspartic proteinase 1 of <i>Candida parapsilosis</i> in the cell wall. <i>Protein Science</i> , 2011, 20, 2004-2012.	7.6	8
12	The crystal structure of protease Sapp1p from <i>Candida parapsilosis</i> in complex with the HIV protease inhibitor ritonavir. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 160-165.	5.2	8
13	Raman Microspectroscopy of the Yeast Vacuoles. <i>Spectroscopy</i> , 2012, 27, 503-507.	0.8	8
14	Nitrogen source and growth stage of <i>Candida albicans</i> influence expression level of vacuolar aspartic protease Apr1p and carboxypeptidase Cpy1p. <i>Canadian Journal of Microbiology</i> , 2012, 58, 678-681.	1.7	7
15	Intracellular aspartic proteinase Apr1p of <i>Candida albicans</i> is required for morphological transition under nitrogen-limited conditions but not for macrophage killing. <i>Folia Microbiologica</i> , 2014, 59, 485-493.	2.3	6
16	Two SAPP2 gene homologs are present in <i>Candida parapsilosis</i> genome. <i>Folia Microbiologica</i> , 2015, 60, 373-374.	2.3	3
17	Structural determinants for subnanomolar inhibition of the secreted aspartic protease Sapp1p from <i>Candida parapsilosis</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 914-921.	5.2	3
18	PHO15 genes of <i>Candida albicans</i> and <i>Candida parapsilosis</i> encode HAD-type phosphatases dephosphorylating 2-phosphoglycolate. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	2

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19	Saccharomyces cerevisiae can secrete Sapp1p proteinase of Candida parapsilosis but cannot use it for efficient nitrogen acquisition. Journal of Microbiology, 2013, 51, 336-344.	2.8	1
20	Cellular Localization of Carbonic Anhydrase Nce103p in Candida albicans and Candida parapsilosis. International Journal of Molecular Sciences, 2020, 21, 850.	4.1	1