Bernhard Hube

List of Publications by Citations

216 papers	15,408 citations	69 h-index	119 g-index
272 ext. papers	18,488 ext. citations	6.8 avg, IF	6.68 L-index

#	Paper	IF	Citations
216	Candida albicans pathogenicity mechanisms. *Virulence*, **2013**, 4, 119-28	4.7	977
215	Evolution of pathogenicity and sexual reproduction in eight Candida genomes. *Nature*, **2009**, 459, 657-62	50.4	764
214	Candida albicans secreted aspartyl proteinases in virulence and pathogenesis. *Microbiology and Molecular Biology Reviews*, **2003**, 67, 400-28, table of contents	13.2	760
213	Candidalysin is a fungal peptide toxin critical for mucosal infection. *Nature*, **2016**, 532, 64-8	50.4	392
212	Granulocytes govern the transcriptional response, morphology and proliferation of Candida albicans in human blood. *Molecular Microbiology*, **2005**, 56, 397-415	4.1	365
211	Hydrolytic enzymes as virulence factors of Candida albicans. *Mycoses*, **2005**, 48, 365-77	5.2	328
210	Candida albicans proteinases and host/pathogen interactions. *Cellular Microbiology*, **2004**, 6, 915-26	3.9	249
209	Importance of the Candida albicans cell wall during commensalism and infection. *Current Opinion in Microbiology*, **2012**, 15, 406-12	7.9	231
208	Cellular interactions of Candida albicans with human oral epithelial cells and enterocytes. *Cellular Microbiology*, **2010**, 12, 248-71	3.9	226
207	Candida albicans dimorphism as a therapeutic target. *Expert Review of Anti-Infective Therapy*, **2012**, 10, 85-93	5.5	225
206	In vivo transcript profiling of Candida albicans identifies a gene essential for interepithelial dissemination. *Cellular Microbiology*, **2007**, 9, 2938-54	3.9	225
205	the hyphal-associated adhesin and invasin Als3 of Candida albicans mediates iron acquisition from host ferritin. *PLoS Pathogens*, **2008**, 4, e1000217	7.6	223
204	Candida albicans hyphal formation and the expression of the Efg1-regulated proteinases Sap4 to Sap6 are required for the invasion of parenchymal organs. *Infection and Immunity*, **2002**, 70, 3689-700	3.7	205
203	Stage-specific gene expression of Candida albicans in human blood. *Molecular Microbiology*, **2003**, 47, 1523-43	4.1	196
202	Multiplicity of genes encoding secreted aspartic proteinases in Candida species. *Molecular Microbiology*, **1994**, 13, 357-68	4.1	194
201	Secreted aspartic proteinase (Sap) activity contributes to tissue damage in a model of human oral candidosis. *Molecular Microbiology*, **1999**, 34, 169-80	4.1	193
200	Glycosylphosphatidylinositol-anchored proteases of Candida albicans target proteins necessary for both cellular processes and host-pathogen interactions. *Journal of Biological Chemistry*, **2006**, 281, 688-94	5.4	191

199	Differential expression of secreted aspartyl proteinases in a model of human oral candidosis and in patient samples from the oral cavity. *Molecular Microbiology*, **1998**, 29, 605-15	4.1	183
198	Quantitative expression of the Candida albicans secreted aspartyl proteinase gene family in human oral and vaginal candidiasis. *Microbiology (United Kingdom)*, **2008**, 154, 3266-3280	2.9	183
197	From attachment to damage: defined genes of Candida albicans mediate adhesion, invasion and damage during interaction with oral epithelial cells. *PLoS ONE*, **2011**, 6, e17046	3.7	176
196	Human Anti-fungal Th17 Immunity and Pathology Rely on Cross-Reactivity against Candida albicans. *Cell*, **2019**, 176, 1340-1355.e15	56.2	174
195	Candida albicans interactions with epithelial cells and mucosal immunity. *Microbes and Infection*, **2011**, 13, 963-76	9.3	171
194	Candida albicans proteinases: resolving the mystery of a gene family. *Microbiology (United Kingdom)* , **2001**, 147, 1997-2005	2.9	170
193	Human epithelial cells establish direct antifungal defense through TLR4-mediated signaling. *Journal of Clinical Investigation*, **2007**, 117, 3664-72	15.9	166
192	From commensal to pathogen: stage- and tissue-specific gene expression of Candida albicans. *Current Opinion in Microbiology*, **2004**, 7, 336-41	7.9	165
191	Secreted lipases of Candida albicans: cloning, characterisation and expression analysis of a new gene family with at least ten members. *Archives of Microbiology*, **2000**, 174, 362-74	3	159
190	Candida albicans scavenges host zinc via Pra1 during endothelial invasion. *PLoS Pathogens*, **2012**, 8, e1002777	7.7	157
189	Two unlike cousins: Candida albicans and C. glabrata infection strategies. *Cellular Microbiology*, **2013**, 15, 701-8	3.9	155
188	Evidence that members of the secretory aspartyl proteinase gene family, in particular SAP2, are virulence factors for Candida vaginitis. *Journal of Infectious Diseases*, **1999**, 179, 201-8	7	148
187	The facultative intracellular pathogen Candida glabrata subverts macrophage cytokine production and phagolysosome maturation. *Journal of Immunology*, **2011**, 187, 3072-86	5.3	147
186	The secreted aspartyl proteinases Sap1 and Sap2 cause tissue damage in an in vitro model of vaginal candidiasis based on reconstituted human vaginal epithelium. *Infection and Immunity*, **2003**, 71, 3227-34	3.7	140
185	Interaction of Candida albicans with host cells: virulence factors, host defense, escape strategies, and the microbiota. *Journal of Microbiology*, **2016**, 54, 149-69	3	139
184	Candida albicans iron acquisition within the host. *FEMS Yeast Research*, **2009**, 9, 1000-12	3.1	135
183	In vivo and ex vivo comparative transcriptional profiling of invasive and non-invasive Candida albicans isolates identifies genes associated with tissue invasion. *Molecular Microbiology*, **2007**, 63, 1606-28	4.1	123
182	Candida albicans-epithelial interactions: dissecting the roles of active penetration, induced endocytosis and host factors on the infection process. *PLoS ONE*, **2012**, 7, e36952	3.7	123

181	Interaction of pathogenic yeasts with phagocytes: survival, persistence and escape. *Current Opinion in Microbiology*, **2010**, 13, 392-400	7.9	118
180	Effects of the human immunodeficiency virus (HIV) proteinase inhibitors saquinavir and indinavir on in vitro activities of secreted aspartyl proteinases of Candida albicans isolates from HIV-infected patients. *Antimicrobial Agents and Chemotherapy*, **1999**, 43, 2038-42	5.9	117
179	Differential regulation of SAP8 and SAP9, which encode two new members of the secreted aspartic proteinase family in Candida albicans. *Microbiology (United Kingdom)*, **1998**, 144 (Pt 10), 2731-2737	2.9	113
178	Systematic phenotyping of a large-scale Candida glabrata deletion collection reveals novel antifungal tolerance genes. *PLoS Pathogens*, **2014**, 10, e1004211	7.6	111
177	Infection of human oral epithelia with Candida species induces cytokine expression correlated to the degree of virulence. *Journal of Investigative Dermatology*, **2002**, 118, 652-7	4.3	109
176	The yeast Candida albicans evades human complement attack by secretion of aspartic proteases. *Molecular Immunology*, **2009**, 47, 465-75	4.3	105
175	The fungal peptide toxin Candidalysin activates the NLRP3 inflammasome and causes cytolysis in mononuclear phagocytes. *Nature Communications*, **2018**, 9, 4260	17.4	104
174	An Interspecies Regulatory Network Inferred from Simultaneous RNA-seq of Candida albicans Invading Innate Immune Cells. *Frontiers in Microbiology*, **2012**, 3, 85	5.7	103
173	A novel immune evasion strategy of candida albicans: proteolytic cleavage of a salivary antimicrobial peptide. *PLoS ONE*, **2009**, 4, e5039	3.7	100
172	Metals in fungal virulence. *FEMS Microbiology Reviews*, **2018**, 42,	15.1	98
171	Ciclopirox olamine treatment affects the expression pattern of Candida albicans genes encoding virulence factors, iron metabolism proteins, and drug resistance factors. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 1805-17	5.9	97
170	Oral epithelial cells orchestrate innate type 17 responses to through the virulence factor candidalysin. *Science Immunology*, **2017**, 2,	28	95
169	Polymorphonuclear leukocytes (PMNs) induce protective Th1-type cytokine epithelial responses in an in vitro model of oral candidosis. *Microbiology (United Kingdom)*, **2004**, 150, 2807-2813	2.9	90
168	Candida survival strategies. *Advances in Applied Microbiology*, **2015**, 91, 139-235	4.9	88
167	Identifying infection-associated genes of Candida albicans in the postgenomic era. *FEMS Yeast Research*, **2009**, 9, 688-700	3.1	88
166	Fungi that Infect Humans. *Microbiology Spectrum*, **2017**, 5,	8.9	87
165	Cellular responses of Candida albicans to phagocytosis and the extracellular activities of neutrophils are critical to counteract carbohydrate starvation, oxidative and nitrosative stress. *PLoS ONE*, **2012**, 7, e52850	3.7	86
164	Candidalysin Drives Epithelial Signaling, Neutrophil Recruitment, and Immunopathology at the Vaginal Mucosa. *Infection and Immunity*, **2018**, 86,	3.7	84

163	CARD9 microglia promote antifungal immunity via IL-1 and CXCL1-mediated neutrophil recruitment. *Nature Immunology*, **2019**, 20, 559-570	19.1	83
162	Models of oral and vaginal candidiasis based on in vitro reconstituted human epithelia. *Nature Protocols*, **2006**, 1, 2767-73	18.8	83
161	Comparative genomics using Candida albicans DNA microarrays reveals absence and divergence of virulence-associated genes in Candida dubliniensis. *Microbiology (United Kingdom)*, **2004**, 150, 3363-82	2.9	83
160	Candida albicans-Induced Epithelial Damage Mediates Translocation through Intestinal Barriers. *MBio*, **2018**, 9,	7.8	81
159	Secreted aspartic proteases of Candida albicans activate the NLRP3 inflammasome. *European Journal of Immunology*, **2013**, 43, 679-92	6.1	79
158	Expression analysis of the Candida albicans lipase gene family during experimental infections and in patient samples. *FEMS Yeast Research*, **2004**, 4, 401-8	3.1	79
157	Germ tubes and proteinase activity contribute to virulence of Candida albicans in murine peritonitis. *Infection and Immunity*, **1999**, 67, 6637-42	3.7	79
156	Exposure of Candida albicans to antifungal agents affects expression of SAP2 and SAP9 secreted proteinase genes. *Journal of Antimicrobial Chemotherapy*, **2005**, 55, 645-54	5.1	78
155	Invasion of Candida albicans correlates with expression of secreted aspartic proteinases during experimental infection of human epidermis. *Journal of Investigative Dermatology*, **2000**, 114, 712-7	4.3	78
154	Thriving within the host: Candida spp. interactions with phagocytic cells. *Medical Microbiology and Immunology*, **2013**, 202, 183-95	4	75
153	Human natural killer cells acting as phagocytes against Candida albicans and mounting an inflammatory response that modulates neutrophil antifungal activity. *Journal of Infectious Diseases*, **2014**, 209, 616-26	7	73
152	Proteolytic cleavage of covalently linked cell wall proteins by Candida albicans Sap9 and Sap10. *Eukaryotic Cell*, **2011**, 10, 98-109		72
151	Candida albicans-secreted aspartic proteinases modify the epithelial cytokine response in an in vitro model of vaginal candidiasis. *Infection and Immunity*, **2005**, 73, 2758-65	3.7	72
150	Candidalysin: discovery and function in Candida albicans infections. *Current Opinion in Microbiology*, **2019**, 52, 100-109	7.9	71
149	Candida albicans-epithelial interactions and induction of mucosal innate immunity. *Current Opinion in Microbiology*, **2017**, 40, 104-112	7.9	71
148	Pathogenicity mechanisms and host response during oral Candida albicans infections. *Expert Review of Anti-Infective Therapy*, **2014**, 12, 867-79	5.5	69
147	Metabolism in fungal pathogenesis. *Cold Spring Harbor Perspectives in Medicine*, **2014**, 4, a019695	5.4	65
146	Secreted aspartic protease cleavage of Candida albicans Msb2 activates Cek1 MAPK signaling affecting biofilm formation and oropharyngeal candidiasis. *PLoS ONE*, **2012**, 7, e46020	3.7	65

145	Induction of ERK-kinase signalling triggers morphotype-specific killing of Candida albicans filaments by human neutrophils. *Cellular Microbiology*, **2008**, 10, 807-20	3.9	65
144	Small but crucial: the novel small heat shock protein Hsp21 mediates stress adaptation and virulence in Candida albicans. *PLoS ONE*, **2012**, 7, e38584	3.7	64
143	A core filamentation response network in Candida albicans is restricted to eight genes. *PLoS ONE*, **2013**, 8, e58613	3.7	64
142	Persistence versus escape: Aspergillus terreus and Aspergillus fumigatus employ different strategies during interactions with macrophages. *PLoS ONE*, **2012**, 7, e31223	3.7	63
141	Immune evasion, stress resistance, and efficient nutrient acquisition are crucial for intracellular survival of Candida glabrata within macrophages. *Eukaryotic Cell*, **2014**, 13, 170-83		61
140	The Candida albicans-specific gene EED1 encodes a key regulator of hyphal extension. *PLoS ONE*, **2011**, 6, e18394	3.7	61
139	Reduced expression of the hyphal-independent Candida albicans proteinase genes SAP1 and SAP3 in the efg1 mutant is associated with attenuated virulence during infection of oral epithelium. *Journal of Medical Microbiology*, **2003**, 52, 623-632	3.2	59
138	A three-dimensional immunocompetent intestine-on-chip model as in vitro platform for functional and microbial interaction studies. *Biomaterials*, **2019**, 220, 119396	15.6	55
137	Embryonated eggs as an alternative infection model to investigate Aspergillus fumigatus virulence. *Infection and Immunity*, **2010**, 78, 2995-3006	3.7	55
136	The Missing Link between Candida albicans Hyphal Morphogenesis and Host Cell Damage. *PLoS Pathogens*, **2016**, 12, e1005867	7.6	55
135	The role and relevance of phospholipase D1 during growth and dimorphism of Candida albicans. *Microbiology (United Kingdom)*, **2001**, 147, 879-889	2.9	54
134	Candidalysin activates innate epithelial immune responses via epidermal growth factor receptor. *Nature Communications*, **2019**, 10, 2297	17.4	53
133	Processing of predicted substrates of fungal Kex2 proteinases from Candida albicans, C. glabrata, Saccharomyces cerevisiae and Pichia pastoris. *BMC Microbiology*, **2008**, 8, 116	4.5	53
132	Intracellular survival of Candida glabrata in macrophages: immune evasion and persistence. *FEMS Yeast Research*, **2015**, 15, fov042	3.1	52
131	Secretory Aspartyl Proteinases Cause Vaginitis and Can Mediate Vaginitis Caused by Candida albicans in Mice. *MBio*, **2015**, 6, e00724	7.8	50
130	Host-pathogen interactions and virulence-associated genes during Candida albicans oral infections. *International Journal of Medical Microbiology*, **2011**, 301, 417-22	3.7	50
129	Secreted aspartyl proteinases and interactions of Candida albicans with human endothelial cells. *Infection and Immunity*, **1998**, 66, 3003-5	3.7	50
128	Processing of Ece1p Is Critical for Candidalysin Maturation and Fungal Virulence. *MBio*, **2018**, 9,	7.8	49

127	IL-36 and IL-1/IL-17 Drive Immunity to Oral Candidiasis via Parallel Mechanisms. *Journal of Immunology*, **2018**, 201, 627-634	5.3	49
126	In vivo imaging of disseminated murine Candida albicans infection reveals unexpected host sites of fungal persistence during antifungal therapy. *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 2785-96	5.1	49
125	Microevolution of Candida albicans in macrophages restores filamentation in a nonfilamentous mutant. *PLoS Genetics*, **2014**, 10, e1004824	6	49
124	Complement plays a central role in Candida albicans-induced cytokine production by human PBMCs. *European Journal of Immunology*, **2012**, 42, 993-1004	6.1	49
123	Candida albicans Hyphal Expansion Causes Phagosomal Membrane Damage and Luminal Alkalinization. *MBio*, **2018**, 9,	7.8	48
122	In vivo expression and localization of Candida albicans secreted aspartyl proteinases during oral candidiasis in HIV-infected patients. *Journal of Investigative Dermatology*, **1999**, 112, 383-6	4.3	47
121	Anti-fungal therapy at the HAART of viral therapy. *Trends in Microbiology*, **2002**, 10, 173-7	12.4	46
120	Global Identification of Biofilm-Specific Proteolysis in Candida albicans. *MBio*, **2016**, 7,	7.8	45
119	The pH-regulated antigen 1 of Candida albicans binds the human complement inhibitor C4b-binding protein and mediates fungal complement evasion. *Journal of Biological Chemistry*, **2011**, 286, 8021-8029	5.4	45
118	The Inflammatory response induced by aspartic proteases of Candida albicans is independent of proteolytic activity. *Infection and Immunity*, **2010**, 78, 4754-62	3.7	44
117	The KEX2 gene of Candida glabrata is required for cell surface integrity. *Molecular Microbiology*, **2001**, 41, 1431-44	4.1	41
116	Pathogenesis of Candida albicans infections in the alternative chorio-allantoic membrane chicken embryo model resembles systemic murine infections. *PLoS ONE*, **2011**, 6, e19741	3.7	41
115	The Candida albicans exotoxin candidalysin promotes alcohol-associated liver disease. *Journal of Hepatology*, **2020**, 72, 391-400	13.4	41
114	Enemies and brothers in arms: Candida albicans and gram-positive bacteria. *Cellular Microbiology*, **2016**, 18, 1709-1715	3.9	40
113	One small step for a yeast--microevolution within macrophages renders Candida glabrata hypervirulent due to a single point mutation. *PLoS Pathogens*, **2014**, 10, e1004478	7.6	40
112	Zinc exploitation by pathogenic fungi. *PLoS Pathogens*, **2012**, 8, e1003034	7.6	40
111	The role of secreted aspartyl proteinases in Candida albicans keratitis. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 3559-65		40
110	Oxygen accessibility and iron levels are critical factors for the antifungal action of ciclopirox against Candida albicans. *Journal of Antimicrobial Chemotherapy*, **2005**, 55, 663-73	5.1	40

109	Candidalysin Is Required for Neutrophil Recruitment and Virulence During Systemic Candida albicans Infection. *Journal of Infectious Diseases*, **2019**, 220, 1477-1488	7	39
108	Regulatory networks controlling nitrogen sensing and uptake in Candida albicans. *PLoS ONE*, **2014**, 9, e92734	3.7	39
107	Adaptive prediction as a strategy in microbial infections. *PLoS Pathogens*, **2014**, 10, e1004356	7.6	38
106	The novel Candida albicans transporter Dur31 Is a multi-stage pathogenicity factor. *PLoS Pathogens* , **2012**, 8, e1002592	7.6	38
105	Induction of caspase-11 by aspartyl proteinases of Candida albicans and implication in promoting inflammatory response. *Infection and Immunity*, **2015**, 83, 1940-8	3.7	37
104	Virulence factors in fungal pathogens of man. *Current Opinion in Microbiology*, **2016**, 32, 89-95	7.9	37
103	The glycosylphosphatidylinositol-anchored protease Sap9 modulates the interaction of Candida albicans with human neutrophils. *Infection and Immunity*, **2009**, 77, 5216-24	3.7	36
102	In vivo induction of neutrophil chemotaxis by secretory aspartyl proteinases of Candida albicans. *Virulence*, **2016**, 7, 819-25	4.7	36
101	Biphasic zinc compartmentalisation in a human fungal pathogen. *PLoS Pathogens*, **2018**, 14, e1007013	7.6	36
100	A Novel Hybrid Iron Regulation Network Combines Features from Pathogenic and Nonpathogenic Yeasts. *MBio*, **2016**, 7,	7.8	34
99	Of mice, flies--and men? Comparing fungal infection models for large-scale screening efforts. *DMM Disease Models and Mechanisms*, **2015**, 8, 473-86	4.1	34
98	Identification of Candida glabrata genes involved in pH modulation and modification of the phagosomal environment in macrophages. *PLoS ONE*, **2014**, 9, e96015	3.7	34
97	Epithelial invasion outcompetes hypha development during Candida albicans infection as revealed by an image-based systems biology approach. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2014**, 85, 126-39	4.6	34
96	A peptide derived from the highly conserved protein GAPDH is involved in tissue protection by different antifungal strategies and epithelial immunomodulation. *Journal of Investigative Dermatology*, **2013**, 133, 144-53	4.3	33
95	Candida albicans adhesion to and invasion and damage of vaginal epithelial cells: stage-specific inhibition by clotrimazole and bifonazole. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 4436-9	5.9	33
94	The gut, the bad and the harmless: Candida albicans as a commensal and opportunistic pathogen in the intestine. *Current Opinion in Microbiology*, **2020**, 56, 7-15	7.9	31
93	Zinc Limitation Induces a Hyper-Adherent Goliath Phenotype in. *Frontiers in Microbiology*, **2017**, 8, 2238	5.7	31
92	Regulatory network modelling of iron acquisition by a fungal pathogen in contact with epithelial cells. *BMC Systems Biology*, **2010**, 4, 148	3.5	31

91	The impact of the Fungus-Host-Microbiota interplay upon Candida albicans infections: current knowledge and new perspectives. *FEMS Microbiology Reviews*, **2021**, 45,	15.1	31
90	Hgc1 mediates dynamic Candida albicans-endothelium adhesion events during circulation. *Eukaryotic Cell*, **2010**, 9, 278-87		30
89	Phenotypic screening, transcriptional profiling, and comparative genomic analysis of an invasive and non-invasive strain of Candida albicans. *BMC Microbiology*, **2008**, 8, 187	4.5	30
88	The early transcriptional response of human granulocytes to infection with Candida albicans is not essential for killing but reflects cellular communications. *Infection and Immunity*, **2007**, 75, 1493-501	3.7	30
87	Keeping commensal: how lactobacilli antagonize pathogenicity of in an gut model. *DMM Disease Models and Mechanisms*, **2019**, 12,	4.1	29
86	Functional analysis of the phospholipase C gene CaPLC1 and two unusual phospholipase C genes, CaPLC2 and CaPLC3, of Candida albicans. *Microbiology (United Kingdom)*, **2005**, 151, 3381-3394	2.9	29
85	Candida glabrata tryptophan-based pigment production via the Ehrlich pathway. *Molecular Microbiology*, **2010**, 76, 25-47	4.1	27
84	Antifungal defense of probiotic Lactobacillus rhamnosus GG is mediated by blocking adhesion and nutrient depletion. *PLoS ONE*, **2017**, 12, e0184438	3.7	27
83	Infection-associated genes of Candida albicans. *Future Microbiology*, **2006**, 1, 209-18	2.9	26
82	A functional link between hyphal maintenance and quorum sensing in Candida albicans. *Molecular Microbiology*, **2017**, 103, 595-617	4.1	24
81	species Rewired Hyphae Developmental Programs for Chlamydospore Formation. *Frontiers in Microbiology*, **2016**, 7, 1697	5.7	24
80	Csr1/Zap1 Maintains Zinc Homeostasis and Influences Virulence in Candida dubliniensis but Is Not Coupled to Morphogenesis. *Eukaryotic Cell*, **2015**, 14, 661-70		22
79	The Snf1-activating kinase Sak1 is a key regulator of metabolic adaptation and in vivo fitness of Candida albicans. *Molecular Microbiology*, **2017**, 104, 989-1007	4.1	21
78	Pleiotropic effects of the vacuolar ABC transporter MLT1 of Candida albicans on cell function and virulence. *Biochemical Journal*, **2016**, 473, 1537-52	3.8	21
77	Aspartyl Proteinases of Eukaryotic Microbial Pathogens: From Eating to Heating. *PLoS Pathogens*, **2016**, 12, e1005992	7.6	20
76	Metabolic adaptation of intracellular bacteria and fungi to macrophages. *International Journal of Medical Microbiology*, **2018**, 308, 215-227	3.7	20
75	Dual-species transcriptional profiling during systemic candidiasis reveals organ-specific host-pathogen interactions. *Scientific Reports*, **2016**, 6, 36055	4.9	19
74	A family of glutathione peroxidases contributes to oxidative stress resistance in Candida albicans. *Medical Mycology*, **2014**, 52, 223-39	3.9	19

73	Role of pH-regulated antigen 1 of Candida albicans in the fungal recognition and antifungal response of human neutrophils. *Molecular Immunology*, **2011**, 48, 2135-43	4.3	19
72	Tissue infection and site-specific gene expression in Candida albicans. *Advances in Applied Microbiology*, **2003**, 53, 271-90	4.9	19
71	Effect of antimycotic agents on the activity of aspartyl proteinases secreted by Candida albicans. *Journal of Medical Microbiology*, **2003**, 52, 247-249	3.2	19
70	Global transcriptome sequencing identifies chlamydospore specific markers in Candida albicans and Candida dubliniensis. *PLoS ONE*, **2013**, 8, e61940	3.7	19
69	Integrity under stress: Host membrane remodelling and damage by fungal pathogens. *Cellular Microbiology*, **2019**, 21, e13016	3.9	18
68	Antifungal activity of clotrimazole against Candida albicans depends on carbon sources, growth phase and morphology. *Journal of Medical Microbiology*, **2015**, 64, 714-723	3.2	18
67	PGA4, a GAS homologue from Candida albicans, is up-regulated early in infection processes. *Fungal Genetics and Biology*, **2007**, 44, 368-77	3.9	18
66	Host-Pathogen Interactions during Female Genital Tract Infections. *Trends in Microbiology*, **2019**, 27, 982-996	12.4	17
65	Candidalysin Is a Potent Trigger of Alarmin and Antimicrobial Peptide Release in Epithelial Cells. *Cells*, **2020**, 9,	7.9	17
64	Histidine degradation via an aminotransferase increases the nutritional flexibility of Candida glabrata. *Eukaryotic Cell*, **2014**, 13, 758-65		16
63	Candida albicans releases soluble factors that potentiate cytokine production by human cells through a protease-activated receptor 1- and 2-independent pathway. *Infection and Immunity*, **2010**, 78, 393-9	3.7	16
62	Lysosome Fusion Maintains Phagosome Integrity during Fungal Infection. *Cell Host and Microbe*, **2020**, 28, 798-812.e6	23.4	16
61	Candida pathogens induce protective mitochondria-associated type I interferon signalling and a damage-driven response in vaginal epithelial cells. *Nature Microbiology*, **2021**, 6, 643-657	26.6	16
60	Functional aspects of secreted Candida proteinases. *Advances in Experimental Medicine and Biology*, **1998**, 436, 339-44	3.6	15
59	Survival Strategies of Pathogenic Species in Human Blood Show Independent and Specific Adaptations. *MBio*, **2020**, 11,	7.8	14
58	Hsp21 potentiates antifungal drug tolerance in Candida albicans. *PLoS ONE*, **2013**, 8, e60417	3.7	13
57	Transcriptomics in human blood incubation reveals the importance of oxidative stress response in Saccharomyces cerevisiae clinical strains. *BMC Genomics*, **2012**, 13, 419	4.5	12
56	Effects of the glucocorticoid betamethasone on the interaction of Candida albicans with human epithelial cells. *Microbiology (United Kingdom)*, **2016**, 162, 2116-2125	2.9	12

55	Multiple functions of DOA1 in Candida albicans. *Microbiology (United Kingdom)*, **2007**, 153, 1026-1041	2.9	12
54	Disruption of Membrane Integrity by the Bacterium-Derived Antifungal Jagaricin. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	11
53	Ahr1 and Tup1 Contribute to the Transcriptional Control of Virulence-Associated Genes in Candida albicans. *MBio*, **2020**, 11,	7.8	11
52	The Fungal Pathogen Does Not Depend on Surface Ferric Reductases for Iron Acquisition. *Frontiers in Microbiology*, **2017**, 8, 1055	5.7	11
51	Haemoperfused liver as an ex vivo model for organ invasion of Candida albicans. *Journal of Medical Microbiology*, **2007**, 56, 266-270	3.2	11
50	Comparison of susceptibility and transcription profile of the new antifungal hassallidin A with caspofungin. *Biochemical and Biophysical Research Communications*, **2006**, 349, 740-9	3.4	11
49	Effects of histatin 5 modifications on antifungal activity and kinetics of proteolysis. *Protein Science*, **2020**, 29, 480-493	6.3	10
48	In Vivo Transcriptional Profiling of Human Pathogenic Fungi during Infection: Reflecting the Real Life?. *PLoS Pathogens*, **2016**, 12, e1005471	7.6	9
47	Candida albicans elicits protective allergic responses via platelet mediated T helper 2 and T helper 17 cell polarization. *Immunity*, **2021**, 54, 2595-2610.e7	32.3	9
46	Fungal biotin homeostasis is essential for immune evasion after macrophage phagocytosis and virulence. *Cellular Microbiology*, **2020**, 22, e13197	3.9	8
45	Distinct roles of Candida albicans-specific genes in host-pathogen interactions. *Eukaryotic Cell*, **2014**, 13, 977-89		8
44	From attachment to invasion: infection associated genes of Candida albicans. *Medical Mycology Journal*, **2008**, 49, 245-51		8
43	Candidalysin triggers epithelial cellular stresses that induce necrotic death. *Cellular Microbiology*, **2021**, 23, e13371	3.9	8
42	Immunoproteomic Analysis of Antibody Responses to Extracellular Proteins of Candida albicans Revealing the Importance of Glycosylation for Antigen Recognition. *Journal of Proteome Research*, **2016**, 15, 2394-406	5.6	8
41	Antivirulence and avirulence genes in human pathogenic fungi. *Virulence*, **2019**, 10, 935-947	4.7	8
40	Metabolic modeling predicts specific gut bacteria as key determinants for Candida albicans colonization levels. *ISME Journal*, **2021**, 15, 1257-1270	11.9	8
39	Comparative genomic analysis reveals a critical role of de novo nucleotide biosynthesis for Saccharomyces cerevisiae virulence. *PLoS ONE*, **2015**, 10, e0122382	3.7	7
38	Clotrimazole dampens vaginal inflammation and neutrophil infiltration in response to Candida albicans infection. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 5178-80	5.9	7

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