Bernhard Hube

List of Publications by Year in Descending Order

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	Candidalysins Are a New Family of Cytolytic Fungal Peptide Toxins.. *MBio*, **2022**, e0351021	7.8	2
215	Membrane protective role of autophagic machinery during infection of epithelial cells by .. *Gut Microbes*, **2022**, 14, 2004798	8.8	1
214	Calcium-dependent ESCRT recruitment and lysosome exocytosis maintain epithelial integrity during Candida albicans invasion.. *Cell Reports*, **2022**, 38, 110187	10.6	3
213	From environmental adaptation to host survival: Attributes that mediate pathogenicity of .. *Virulence*, **2022**, 13, 191-214	4.7	2
212	Immune regulation by fungal strain diversity in inflammatory bowel disease.. *Nature*, **2022**, 603, 672-678	50.4	6
211	B Cell Recognition of Hyphae TLR 2 Promotes IgG1 and IL-6 Secretion for T17 Differentiation. *Frontiers in Immunology*, **2021**, 12, 698849	8.4	1
210	Cover Image: The fungivorous amoeba Protostelium aurantium targets redox homeostasis and cell wall integrity during intracellular killing of Candida parapsilosis (Cellular Microbiology 11/2021). *Cellular Microbiology*, **2021**, 23, e13396	3.9	
209	Human albumin enhances the pathogenic potential of Candida glabrata on vaginal epithelial cells. *PLoS Pathogens*, **2021**, 17, e1010037	7.6	1
208	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
207	Fungal pathogenesis: A new venom. *Current Biology*, **2021**, 31, R391-R394	6.3	
206	Transient Mitochondria Dysfunction Confers Fungal Cross-Resistance against Phagocytic Killing and Fluconazole. *MBio*, **2021**, 12, e0112821	7.8	1
205	Candidalysin triggers epithelial cellular stresses that induce necrotic death. *Cellular Microbiology*, **2021**, 23, e13371	3.9	8
204	Albumin Neutralizes Hydrophobic Toxins and Modulates Pathogenicity. *MBio*, **2021**, 12, e0053121	7.8	5
203	Candidalysin delivery to the invasion pocket is critical for host epithelial damage induced by Candida albicans. *Cellular Microbiology*, **2021**, 23, e13378	3.9	7
202	Fungal factors involved in host immune evasion, modulation and exploitation during infection. *Cellular Microbiology*, **2021**, 23, e13272	3.9	5
201	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
200	Metabolic modeling predicts specific gut bacteria as key determinants for Candida albicans colonization levels. *ISME Journal*, **2021**, 15, 1257-1270	11.9	8

199	Uncharted territories in the discovery of antifungal and antivirulence natural products from bacteria. *Computational and Structural Biotechnology Journal*, **2021**, 19, 1244-1252	6.8	0
198	Experimental Evolution of Candida by Serial Passaging in Host Cells. *Methods in Molecular Biology*, **2021**, 2260, 145-154	1.4	1
197	Candida albicans Interaction with Oral Epithelial Cells: Adhesion , Invasion, and Damage Assays. *Methods in Molecular Biology*, **2021**, 2260, 133-143	1.4	0
196	In vitro infection models to study fungal-host interactions. *FEMS Microbiology Reviews*, **2021**, 45,	15.1	5
195	A variant ECE1 allele contributes to reduced pathogenicity of Candida albicans during vulvovaginal candidiasis. *PLoS Pathogens*, **2021**, 17, e1009884	7.6	6
194	The fungivorous amoeba Protostelium aurantium targets redox homeostasis and cell wall integrity during intracellular killing of Candida parapsilosis. *Cellular Microbiology*, **2021**, 23, e13389	3.9	1
193	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
192	Adenosine Triphosphate Released by Candida albicans Is Associated with Reduced Skin Infectivity. *Journal of Investigative Dermatology*, **2021**, 141, 2306-2310	4.3	1
191	Candida albicans-induced leukotriene biosynthesis in neutrophils is restricted to the hyphal morphology. *FASEB Journal*, **2021**, 35, e21820	0.9	2
190	Functionality of the human antibody response to .. *Virulence*, **2021**, 12, 3137-3148	4.7	0
189	Ahr1 and Tup1 Contribute to the Transcriptional Control of Virulence-Associated Genes in Candida albicans. *MBio*, **2020**, 11,	7.8	11
188	Candidalysin Is a Potent Trigger of Alarmin and Antimicrobial Peptide Release in Epithelial Cells. *Cells*, **2020**, 9,	7.9	17
187	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
186	Candida albicans Mrv8, is involved in epithelial damage and biofilm formation. *FEMS Yeast Research*, **2020**, 20,	3.1	1
185	Fungal biotin homeostasis is essential for immune evasion after macrophage phagocytosis and virulence. *Cellular Microbiology*, **2020**, 22, e13197	3.9	8
184	Effects of histatin 5 modifications on antifungal activity and kinetics of proteolysis. *Protein Science*, **2020**, 29, 480-493	6.3	10
183	Survival Strategies of Pathogenic Species in Human Blood Show Independent and Specific Adaptations. *MBio*, **2020**, 11,	7.8	14
182	Lysosome Fusion Maintains Phagosome Integrity during Fungal Infection. *Cell Host and Microbe*, **2020**, 28, 798-812.e6	23.4	16

181	The Dual Function of the Fungal Toxin Candidalysin during -Macrophage Interaction and Virulence. *Toxins*, **2020**, 12,	4.9	7
180	Characterization of a Mutant Defective in All MAPKs Highlights the Major Role of Hog1 in the MAPK Signaling Network. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	3
179	adhesion to central venous catheters: Impact of blood plasma-driven germ tube formation and pathogen-derived adhesins. *Virulence*, **2020**, 11, 1453-1465	4.7	4
178	The Candida albicans exotoxin candidalysin promotes alcohol-associated liver disease. *Journal of Hepatology*, **2020**, 72, 391-400	13.4	41
177	Keeping commensal: how lactobacilli antagonize pathogenicity of in an gut model. *DMM Disease Models and Mechanisms*, **2019**, 12,	4.1	29
176	Host-Pathogen Interactions during Female Genital Tract Infections. *Trends in Microbiology*, **2019**, 27, 982-996	12.4	17
175	Candidalysin activates innate epithelial immune responses via epidermal growth factor receptor. *Nature Communications*, **2019**, 10, 2297	17.4	53
174	Disruption of Membrane Integrity by the Bacterium-Derived Antifungal Jagaricin. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	11
173	CARD9 microglia promote antifungal immunity via IL-1□and CXCL1-mediated neutrophil recruitment. *Nature Immunology*, **2019**, 20, 559-570	19.1	83
172	Integrity under stress: Host membrane remodelling and damage by fungal pathogens. *Cellular Microbiology*, **2019**, 21, e13016	3.9	18
171	RNAi as a Tool to Study Virulence in the Pathogenic Yeast. *Frontiers in Microbiology*, **2019**, 10, 1679	5.7	3
170	Candidalysin Is Required for Neutrophil Recruitment and Virulence During Systemic Candida albicans Infection. *Journal of Infectious Diseases*, **2019**, 220, 1477-1488	7	39
169	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
168	Candidalysin: discovery and function in Candida albicans infections. *Current Opinion in Microbiology*, **2019**, 52, 100-109	7.9	71
167	Cooperative Role of MAPK Pathways in the Interaction of with the Host Epithelium. *Microorganisms* , **2019**, 8,	4.9	5
166	Human Anti-fungal Th17 Immunity and Pathology Rely on Cross-Reactivity against Candida albicans. *Cell*, **2019**, 176, 1340-1355.e15	56.2	174
165	Antivirulence and avirulence genes in human pathogenic fungi. *Virulence*, **2019**, 10, 935-947	4.7	8
164	Processing of Ece1p Is Critical for Candidalysin Maturation and Fungal Virulence. *MBio*, **2018**, 9,	7.8	49

163	Metals in fungal virulence. *FEMS Microbiology Reviews*, **2018**, 42,	15.1	98
162	The needle and the damage done. *Nature Microbiology*, **2018**, 3, 860-861	26.6	
161	Intestinal epithelial cells and T cells differentially recognize and respond to Candida albicans yeast and hypha. *European Journal of Immunology*, **2018**, 48, 1826-1837	6.1	2
160	Candida albicans-Induced Epithelial Damage Mediates Translocation through Intestinal Barriers. *MBio*, **2018**, 9,	7.8	81
159	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
158	Metabolic adaptation of intracellular bacteria and fungi to macrophages. *International Journal of Medical Microbiology*, **2018**, 308, 215-227	3.7	20
157	Candidalysin Drives Epithelial Signaling, Neutrophil Recruitment, and Immunopathology at the Vaginal Mucosa. *Infection and Immunity*, **2018**, 86,	3.7	84
156	The fungal peptide toxin Candidalysin activates the NLRP3 inflammasome and causes cytolysis in mononuclear phagocytes. *Nature Communications*, **2018**, 9, 4260	17.4	104
155	Candida albicans Hyphal Expansion Causes Phagosomal Membrane Damage and Luminal Alkalinization. *MBio*, **2018**, 9,	7.8	48
154	Biphasic zinc compartmentalisation in a human fungal pathogen. *PLoS Pathogens*, **2018**, 14, e1007013	7.6	36
153	Fungi that Infect Humans. *Microbiology Spectrum*, **2017**, 5,	8.9	87
152	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
151	Candida albicans-epithelial interactions and induction of mucosal innate immunity. *Current Opinion in Microbiology*, **2017**, 40, 104-112	7.9	71
150	Oral epithelial cells orchestrate innate type 17 responses to through the virulence factor candidalysin. *Science Immunology*, **2017**, 2,	28	95
149	A functional link between hyphal maintenance and quorum sensing in Candida albicans. *Molecular Microbiology*, **2017**, 103, 595-617	4.1	24
148	Fungi that Infect Humans **2017**, 811-843		3
147	The Fungal Pathogen Does Not Depend on Surface Ferric Reductases for Iron Acquisition. *Frontiers in Microbiology*, **2017**, 8, 1055	5.7	11
146	Zinc Limitation Induces a Hyper-Adherent Goliath Phenotype in. *Frontiers in Microbiology*, **2017**, 8, 2238	5.7	31

145	Antifungal defense of probiotic Lactobacillus rhamnosus GG is mediated by blocking adhesion and nutrient depletion. *PLoS ONE*, **2017**, 12, e0184438	3.7	27
144	Enemies and brothers in arms: Candida albicans and gram-positive bacteria. *Cellular Microbiology*, **2016**, 18, 1709-1715	3.9	40
143	Global Identification of Biofilm-Specific Proteolysis in Candida albicans. *MBio*, **2016**, 7,	7.8	45
142	Dual-species transcriptional profiling during systemic candidiasis reveals organ-specific host-pathogen interactions. *Scientific Reports*, **2016**, 6, 36055	4.9	19
141	A Novel Hybrid Iron Regulation Network Combines Features from Pathogenic and Nonpathogenic Yeasts. *MBio*, **2016**, 7,	7.8	34
140	Virulence factors in fungal pathogens of man. *Current Opinion in Microbiology*, **2016**, 32, 89-95	7.9	37
139	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
138	In Vivo Transcriptional Profiling of Human Pathogenic Fungi during Infection: Reflecting the Real Life?. *PLoS Pathogens*, **2016**, 12, e1005471	7.6	9
137	The Missing Link between Candida albicans Hyphal Morphogenesis and Host Cell Damage. *PLoS Pathogens*, **2016**, 12, e1005867	7.6	55
136	Aspartyl Proteinases of Eukaryotic Microbial Pathogens: From Eating to Heating. *PLoS Pathogens*, **2016**, 12, e1005992	7.6	20
135	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
134	species Rewired Hyphae Developmental Programs for Chlamydospore Formation. *Frontiers in Microbiology*, **2016**, 7, 1697	5.7	24
133	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
132	Candidalysin is a fungal peptide toxin critical for mucosal infection. *Nature*, **2016**, 532, 64-8	50.4	392
131	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
130	In vivo induction of neutrophil chemotaxis by secretory aspartyl proteinases of Candida albicans. *Virulence*, **2016**, 7, 819-25	4.7	36
129	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
128	Intracellular survival of Candida glabrata in macrophages: immune evasion and persistence. *FEMS Yeast Research*, **2015**, 15, fov042	3.1	52

127	Candida survival strategies. *Advances in Applied Microbiology*, **2015**, 91, 139-235	4.9	88
126	Csr1/Zap1 Maintains Zinc Homeostasis and Influences Virulence in Candida dubliniensis but Is Not Coupled to Morphogenesis. *Eukaryotic Cell*, **2015**, 14, 661-70		22
125	Comparative genomic analysis reveals a critical role of de novo nucleotide biosynthesis for Saccharomyces cerevisiae virulence. *PLoS ONE*, **2015**, 10, e0122382	3.7	7
124	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
123	Secretory Aspartyl Proteinases Cause Vaginitis and Can Mediate Vaginitis Caused by Candida albicans in Mice. *MBio*, **2015**, 6, e00724	7.8	50
122	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
121	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
120	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
119	Fine-Scale Chromosomal Changes in Fungal Fitness. *Current Fungal Infection Reports*, **2014**, 8, 171-178	1.4	1
118	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
117	Distinct roles of Candida albicans-specific genes in host-pathogen interactions. *Eukaryotic Cell*, **2014**, 13, 977-89		8
116	Regulatory networks controlling nitrogen sensing and uptake in Candida albicans. *PLoS ONE*, **2014**, 9, e92734	3.7	39
115	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
114	Pathogenicity mechanisms and host response during oral Candida albicans infections. *Expert Review of Anti-Infective Therapy*, **2014**, 12, 867-79	5.5	69
113	A family of glutathione peroxidases contributes to oxidative stress resistance in Candida albicans. *Medical Mycology*, **2014**, 52, 223-39	3.9	19
112	Histidine degradation via an aminotransferase increases the nutritional flexibility of Candida glabrata. *Eukaryotic Cell*, **2014**, 13, 758-65		16
111	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
110	Microevolution of Candida albicans in macrophages restores filamentation in a nonfilamentous mutant. *PLoS Genetics*, **2014**, 10, e1004824	6	49

109	Systematic phenotyping of a large-scale Candida glabrata deletion collection reveals novel antifungal tolerance genes. *PLoS Pathogens*, **2014**, 10, e1004211	7.6	111
108	Adaptive prediction as a strategy in microbial infections. *PLoS Pathogens*, **2014**, 10, e1004356	7.6	38
107	Metabolism in fungal pathogenesis. *Cold Spring Harbor Perspectives in Medicine*, **2014**, 4, a019695	5.4	65
106	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
105	Secreted aspartic proteases of Candida albicans activate the NLRP3 inflammasome. *European Journal of Immunology*, **2013**, 43, 679-92	6.1	79
104	Thriving within the host: Candida spp. interactions with phagocytic cells. *Medical Microbiology and Immunology*, **2013**, 202, 183-95	4	75
103	Clotrimazole dampens vaginal inflammation and neutrophil infiltration in response to Candida albicans infection. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 5178-80	5.9	7
102	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
101	Candida albicans pathogenicity mechanisms. *Virulence*, **2013**, 4, 119-28	4.7	977
100	A core filamentation response network in Candida albicans is restricted to eight genes. *PLoS ONE*, **2013**, 8, e58613	3.7	64
99	Hsp21 potentiates antifungal drug tolerance in Candida albicans. *PLoS ONE*, **2013**, 8, e60417	3.7	13
98	Two unlike cousins: Candida albicans and C. glabrata infection strategies. *Cellular Microbiology*, **2013**, 15, 701-8	3.9	155
97	Global transcriptome sequencing identifies chlamydospore specific markers in Candida albicans and Candida dubliniensis. *PLoS ONE*, **2013**, 8, e61940	3.7	19
96	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
95	Importance of the Candida albicans cell wall during commensalism and infection. *Current Opinion in Microbiology*, **2012**, 15, 406-12	7.9	231
94	Zinc exploitation by pathogenic fungi. *PLoS Pathogens*, **2012**, 8, e1003034	7.6	40
93	Candida albicans dimorphism as a therapeutic target. *Expert Review of Anti-Infective Therapy*, **2012**, 10, 85-93	5.5	225
92	Persistence versus escape: Aspergillus terreus and Aspergillus fumigatus employ different strategies during interactions with macrophages. *PLoS ONE*, **2012**, 7, e31223	3.7	63

91	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
90	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
89	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
88	Isolation and amplification of fungal RNA for microarray analysis from host samples. *Methods in Molecular Biology*, **2012**, 845, 411-21	1.4	4
87	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
86	Candida albicans scavenges host zinc via Pra1 during endothelial invasion. *PLoS Pathogens*, **2012**, 8, e1002777	7.6	157
85	The novel Candida albicans transporter Dur31 Is a multi-stage pathogenicity factor. *PLoS Pathogens* , **2012**, 8, e1002592	7.6	38
84	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
83	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
82	Host-pathogen interactions and virulence-associated genes during Candida albicans oral infections. *International Journal of Medical Microbiology*, **2011**, 301, 417-22	3.7	50
81	Candida albicans interactions with epithelial cells and mucosal immunity. *Microbes and Infection*, **2011**, 13, 963-76	9.3	171
80	The Candida albicans-specific gene EED1 encodes a key regulator of hyphal extension. *PLoS ONE*, **2011**, 6, e18394	3.7	61
79	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
78	The facultative intracellular pathogen Candida glabrata subverts macrophage cytokine production and phagolysosome maturation. *Journal of Immunology*, **2011**, 187, 3072-86	5.3	147
77	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
76	Proteolytic cleavage of covalently linked cell wall proteins by Candida albicans Sap9 and Sap10. *Eukaryotic Cell*, **2011**, 10, 98-109		72
75	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
74	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

73	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
72	Candida glabrata tryptophan-based pigment production via the Ehrlich pathway. *Molecular Microbiology*, **2010**, 76, 25-47	4.1	27
71	Cellular interactions of Candida albicans with human oral epithelial cells and enterocytes. *Cellular Microbiology*, **2010**, 12, 248-71	3.9	226
70	Embryonated eggs as an alternative infection model to investigate Aspergillus fumigatus virulence. *Infection and Immunity*, **2010**, 78, 2995-3006	3.7	55
69	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
68	Hgc1 mediates dynamic Candida albicans-endothelium adhesion events during circulation. *Eukaryotic Cell*, **2010**, 9, 278-87		30
67	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
66	Secreted Candida Proteins: Pathogenicity and Host Immunity **2010**, 97-120		1
65	Interaction of pathogenic yeasts with phagocytes: survival, persistence and escape. *Current Opinion in Microbiology*, **2010**, 13, 392-400	7.9	118
64	Regulatory network modelling of iron acquisition by a fungal pathogen in contact with epithelial cells. *BMC Systems Biology*, **2010**, 4, 148	3.5	31
63	A novel immune evasion strategy of candida albicans: proteolytic cleavage of a salivary antimicrobial peptide. *PLoS ONE*, **2009**, 4, e5039	3.7	100
62	The glycosylphosphatidylinositol-anchored protease Sap9 modulates the interaction of Candida albicans with human neutrophils. *Infection and Immunity*, **2009**, 77, 5216-24	3.7	36
61	Evolution of pathogenicity and sexual reproduction in eight Candida genomes. *Nature*, **2009**, 459, 657-62	50.4	764
60	Identifying infection-associated genes of Candida albicans in the postgenomic era. *FEMS Yeast Research*, **2009**, 9, 688-700	3.1	88
59	Candida albicans iron acquisition within the host. *FEMS Yeast Research*, **2009**, 9, 1000-12	3.1	135
58	The yeast Candida albicans evades human complement attack by secretion of aspartic proteases. *Molecular Immunology*, **2009**, 47, 465-75	4.3	105
57	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
56	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

55	the hyphal-associated adhesin and invasin Als3 of Candida albicans mediates iron acquisition from host ferritin. *PLoS Pathogens*, **2008**, 4, e1000217	7.6	223
54	From attachment to invasion: infection associated genes of Candida albicans. *Medical Mycology Journal*, **2008**, 49, 245-51		8
53	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
52	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
51	In vivo transcript profiling of Candida albicans identifies a gene essential for interepithelial dissemination. *Cellular Microbiology*, **2007**, 9, 2938-54	3.9	225
50	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
49	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
48	The role of secreted aspartyl proteinases in Candida albicans keratitis. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 3559-65		40
47	Haemoperfused liver as an ex vivo model for organ invasion of Candida albicans. *Journal of Medical Microbiology*, **2007**, 56, 266-270	3.2	11
46	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
45	Human epithelial cells establish direct antifungal defense through TLR4-mediated signaling. *Journal of Clinical Investigation*, **2007**, 117, 3664-72	15.9	166
44	Multiple functions of DOA1 in Candida albicans. *Microbiology (United Kingdom)*, **2007**, 153, 1026-1041	2.9	12
43	Infection-associated genes of Candida albicans. *Future Microbiology*, **2006**, 1, 209-18	2.9	26
42	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
41	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
40	Models of oral and vaginal candidiasis based on in vitro reconstituted human epithelia. *Nature Protocols*, **2006**, 1, 2767-73	18.8	83
39	Hydrolytic enzymes as virulence factors of Candida albicans. *Mycoses*, **2005**, 48, 365-77	5.2	328
38	Granulocytes govern the transcriptional response, morphology and proliferation of Candida albicans in human blood. *Molecular Microbiology*, **2005**, 56, 397-415	4.1	365

37	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
36	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
35	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
34	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
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32	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
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3	Gene Expression during the Distinct Stages of Candidiasis283-298		1
2	Candida albicans hyphal expansion causes phagosomal membrane damage and luminal alkalinization		1

1 Extracellular ATP released from Candida albicans activates non-peptidergic neurons to augment host defense 1