

# Alistair J P Brown

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

207  
papers

15,480  
citations

67  
h-index

119  
g-index

219  
ext. papers

17,813  
ext. citations

7  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
207	Erg25 Controls Host-Cholesterol Uptake Mediated by Aus1p-Associated Sterol-Rich Membrane Domains in .. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 820675	5.7	3
206	Mitochondrial Reactive Oxygen Species Regulate Immune Responses of Macrophages to. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 641495	8.4	6
205	Immune cells fold and damage fungal hyphae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
204	Anticipatory Stress Responses and Immune Evasion in Fungal Pathogens. <i>Trends in Microbiology</i> , <b>2021</b> , 29, 416-427	12.4	7
203	The impact of the Fungus-Host-Microbiota interplay upon <i>Candida albicans</i> infections: current knowledge and new perspectives. <i>FEMS Microbiology Reviews</i> , <b>2021</b> , 45,	15.1	31
202	Transcriptomic and proteomic profiling revealed reprogramming of carbon metabolism in acetate-grown human pathogen <i>Candida glabrata</i> . <i>Journal of Biomedical Science</i> , <b>2021</b> , 28, 1	13.3	5
201	Scalar nanostructure of the cell wall; a molecular, cellular and ultrastructural analysis and interpretation. <i>Cell Surface</i> , <b>2020</b> , 6, 100047	4.8	18
200	Identifying Gene Networks Involved in Pathogenicity. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 375	4.5	2
199	Adapting to survive: How <i>Candida</i> overcomes host-imposed constraints during human colonization. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008478	7.6	24
198	Epitope Shaving Promotes Fungal Immune Evasion. <i>MBio</i> , <b>2020</b> , 11,	7.8	16
197	Thoughts on the evolution of Core Environmental Responses in yeasts. <i>Fungal Biology</i> , <b>2020</b> , 124, 475-481	4.8	5
196	Transcriptional responses of biofilm cells to fluconazole are modulated by the carbon source. <i>Npj Biofilms and Microbiomes</i> , <b>2020</b> , 6, 4	8.2	11
195	Antifungal Activity of Antimicrobial Peptides and Proteins against. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	4
194	The environmental stress sensitivities of pathogenic <i>Candida</i> species, including <i>Candida auris</i> , and implications for their spread in the hospital setting. <i>Medical Mycology</i> , <b>2020</b> , 58, 744-755	3.9	8
193	Differences in fungal immune recognition by monocytes and macrophages: -mannan can be a shield or activator of immune recognition. <i>Cell Surface</i> , <b>2020</b> , 6, 100042	4.8	9
192	Transcriptional and functional insights into the host immune response against the emerging fungal pathogen <i>Candida auris</i> . <i>Nature Microbiology</i> , <b>2020</b> , 5, 1516-1531	26.6	36
191	Impact of the Environment upon the <i>Candida albicans</i> Cell Wall and Resultant Effects upon Immune Surveillance. <i>Current Topics in Microbiology and Immunology</i> , <b>2020</b> , 425, 297-330	3.3	7

190	Recreation of in-host acquired single nucleotide polymorphisms by CRISPR-Cas9 reveals an uncharacterised gene playing a role in <i>Aspergillus fumigatus</i> azole resistance via a non-cyp51A mediated resistance mechanism. <i>Fungal Genetics and Biology</i> , <b>2019</b> , 130, 98-106	3.9	17
189	Raw genome sequence data for 13 isogenic strains isolated over a 2 year period from a patient with chronic granulomatous disease. <i>Data in Brief</i> , <b>2019</b> , 25, 104021	1.2	5
188	Glyoxylate cycle gene ICL1 is essential for the metabolic flexibility and virulence of <i>Candida glabrata</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 2843	4.9	22
187	Physiologically Relevant Alternative Carbon Sources Modulate Biofilm Formation, Cell Wall Architecture, and the Stress and Antifungal Resistance of. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
186	Non-canonical signalling mediates changes in fungal cell wall PAMPs that drive immune evasion. <i>Nature Communications</i> , <b>2019</b> , 10, 5315	17.4	31
185	Memory in Fungal Pathogens Promotes Immune Evasion, Colonisation, and Infection. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 219-230	12.4	22
184	Dynamic Fungal Cell Wall Architecture in Stress Adaptation and Immune Evasion. <i>Trends in Microbiology</i> , <b>2018</b> , 26, 284-295	12.4	74
183	Redox Regulation, Rather than Stress-Induced Phosphorylation, of a Hog1 Mitogen-Activated Protein Kinase Modulates Its Nitrosative-Stress-Specific Outputs. <i>MBio</i> , <b>2018</b> , 9,	7.8	19
182	In-host microevolution of <i>Aspergillus fumigatus</i> : A phenotypic and genotypic analysis. <i>Fungal Genetics and Biology</i> , <b>2018</b> , 113, 1-13	3.9	48
181	Drug-mediated metabolic tipping between antibiotic resistant states in a mixed-species community. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1312-1320	12.3	11
180	Strategic Research Funding: A Success Story for Medical Mycology. <i>Trends in Microbiology</i> , <b>2018</b> , 26, 811-814	8.1	7
179	Hypoxia Promotes Immune Evasion by Triggering $\beta$ -Glucan Masking on the <i>Candida albicans</i> Cell Surface via Mitochondrial and cAMP-Protein Kinase A Signaling. <i>MBio</i> , <b>2018</b> , 9,	7.8	59
178	Specificity of the osmotic stress response in <i>Candida albicans</i> highlighted by quantitative proteomics. <i>Scientific Reports</i> , <b>2018</b> , 8, 14492	4.9	12
177	Stress Adaptation. <i>Microbiology Spectrum</i> , <b>2017</b> , 5,	8.9	29
176	The carboxylic acid transporters Jen1 and Jen2 affect the architecture and fluconazole susceptibility of <i>Candida albicans</i> biofilm in the presence of lactate. <i>Biofouling</i> , <b>2017</b> , 33, 943-954	3.3	9
175	Stress-induced nuclear accumulation is dispensable for Hog1-dependent gene expression and virulence in a fungal pathogen. <i>Scientific Reports</i> , <b>2017</b> , 7, 14340	4.9	8
174	Stress Adaptation <b>2017</b> , 463-485		8
173	Sfp1 and Rtg3 reciprocally modulate carbon source-conditional stress adaptation in the pathogenic yeast <i>Candida albicans</i> . <i>Molecular Microbiology</i> , <b>2017</b> , 105, 620-636	4.1	14

172	Blocking two-component signalling enhances <i>Candida albicans</i> virulence and reveals adaptive mechanisms that counteract sustained SAPK activation. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006131	7.6	24
171	Elevated catalase expression in a fungal pathogen is a double-edged sword of iron. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006405	7.6	27
170	Lactate signalling regulates fungal $\beta$ -glucan masking and immune evasion. <i>Nature Microbiology</i> , <b>2016</b> , 2, 16238	26.6	118
169	Hsf1 and Hsp90 orchestrate temperature-dependent global transcriptional remodelling and chromatin architecture in <i>Candida albicans</i> . <i>Nature Communications</i> , <b>2016</b> , 7, 11704	17.4	55
168	Oma1 Links Mitochondrial Protein Quality Control and TOR Signaling To Modulate Physiological Plasticity and Cellular Stress Responses. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 2300-12	4.8	13
167	Host-Imposed Copper Poisoning Impacts Fungal Micronutrient Acquisition during Systemic <i>Candida albicans</i> Infections. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158683	3.7	42
166	The Rewiring of Ubiquitination Targets in a Pathogenic Yeast Promotes Metabolic Flexibility, Host Colonization and Virulence. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005566	7.6	48
165	Mechanisms Underlying the Delayed Activation of the Cap1 Transcription Factor in <i>Candida albicans</i> following Combinatorial Oxidative and Cationic Stress Important for Phagocytic Potency. <i>MBio</i> , <b>2016</b> , 7, e00331	7.8	18
164	Pho4 mediates phosphate acquisition in <i>Candida albicans</i> and is vital for stress resistance and metal homeostasis. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 2784-801	3.5	35
163	Cell Wall Remodeling Enzymes Modulate Fungal Cell Wall Elasticity and Osmotic Stress Resistance. <i>MBio</i> , <b>2015</b> , 6, e00986	7.8	111
162	Cell wall protection by the <i>Candida albicans</i> class I chitin synthases. <i>Fungal Genetics and Biology</i> , <b>2015</b> , 82, 264-76	3.9	18
161	<i>Candida albicans</i> colonization and dissemination from the murine gastrointestinal tract: the influence of morphology and Th17 immunity. <i>Cellular Microbiology</i> , <b>2015</b> , 17, 445-50	3.9	45
160	Contribution of Fdh3 and Glr1 to Glutathione Redox State, Stress Adaptation and Virulence in <i>Candida albicans</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0126940	3.7	26
159	Integrative Model of Oxidative Stress Adaptation in the Fungal Pathogen <i>Candida albicans</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0137750	3.7	40
158	Reply to "Unrealistic nonphysiological amounts of reagents and a disregard for published literature". <i>MBio</i> , <b>2015</b> , 6,	7.8	
157	Mechanisms underlying the exquisite sensitivity of <i>Candida albicans</i> to combinatorial cationic and oxidative stress that enhances the potent fungicidal activity of phagocytes. <i>MBio</i> , <b>2014</b> , 5, e01334-14	7.8	57
156	New Clox Systems for rapid and efficient gene disruption in <i>Candida albicans</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e1003907	3.7	24
155	Stress adaptation in a pathogenic fungus. <i>Journal of Experimental Biology</i> , <b>2014</b> , 217, 144-55	3	168

154	Conflicting interests in the pathogen-host tug of war: fungal micronutrient scavenging versus mammalian nutritional immunity. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003910	7.6	33
153	Fungal chitin dampens inflammation through IL-10 induction mediated by NOD2 and TLR9 activation. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004050	7.6	185
152	<i>Candida albicans</i> hypha formation and mannan masking of $\beta$ -glucan inhibit macrophage phagosome maturation. <i>MBio</i> , <b>2014</b> , 5, e01874	7.8	95
151	Metabolism in fungal pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2014</b> , 4, a019695	5.4	65
150	Metabolism impacts upon <i>Candida</i> immunogenicity and pathogenicity at multiple levels. <i>Trends in Microbiology</i> , <b>2014</b> , 22, 614-22	12.4	138
149	14 Integration of Metabolism with Virulence in <i>Candida albicans</i> <b>2014</b> , 349-370		0
148	Role of the <i>Candida albicans</i> MNN1 gene family in cell wall structure and virulence. <i>BMC Research Notes</i> , <b>2013</b> , 6, 294	2.3	19
147	Reporters for the analysis of N-glycosylation in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , <b>2013</b> , 56, 107-15	3.9	5
146	Growth of <i>Candida albicans</i> cells on the physiologically relevant carbon source lactate affects their recognition and phagocytosis by immune cells. <i>Infection and Immunity</i> , <b>2013</b> , 81, 238-48	3.7	102
145	Differential adaptation of <i>Candida albicans</i> in vivo modulates immune recognition by dectin-1. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003315	7.6	145
144	Fungal iron availability during deep seated candidiasis is defined by a complex interplay involving systemic and local events. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003676	7.6	40
143	The Mnn2 mannosyltransferase family modulates mannoprotein fibril length, immune recognition and virulence of <i>Candida albicans</i> . <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003276	7.6	81
142	From START to FINISH: the influence of osmotic stress on the cell cycle. <i>PLoS ONE</i> , <b>2013</b> , 8, e68067	3.7	23
141	Molecular and proteomic analyses highlight the importance of ubiquitination for the stress resistance, metabolic adaptation, morphogenetic regulation and virulence of <i>Candida albicans</i> . <i>Molecular Microbiology</i> , <b>2012</b> , 84, 594-594	4.1	0
140	Host carbon sources modulate cell wall architecture, drug resistance and virulence in a fungal pathogen. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 1319-35	3.9	195
139	Carbon source-induced reprogramming of the cell wall proteome and secretome modulates the adherence and drug resistance of the fungal pathogen <i>Candida albicans</i> . <i>Proteomics</i> , <b>2012</b> , 12, 3164-79	4.8	115
138	Combinatorial stresses kill pathogenic <i>Candida</i> species. <i>Medical Mycology</i> , <b>2012</b> , 50, 699-709	3.9	67
137	A systems biology analysis of long and short-term memories of osmotic stress adaptation in fungi. <i>BMC Research Notes</i> , <b>2012</b> , 5, 258	2.3	22

136	Fungal Hsp90: a biological transistor that tunes cellular outputs to thermal inputs. <i>Nature Reviews Microbiology</i> , <b>2012</b> , 10, 693-704	22.2	65
135	Small but crucial: the novel small heat shock protein Hsp21 mediates stress adaptation and virulence in <i>Candida albicans</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e38584	3.7	64
134	Hsp90 orchestrates transcriptional regulation by Hsf1 and cell wall remodelling by MAPK signalling during thermal adaptation in a pathogenic yeast. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1003069	7.6	85
133	Posttranslational modifications of proteins in the pathobiology of medically relevant fungi. <i>Eukaryotic Cell</i> , <b>2012</b> , 11, 98-108		53
132	The evolutionary rewiring of ubiquitination targets has reprogrammed the regulation of carbon assimilation in the pathogenic yeast <i>Candida albicans</i> . <i>MBio</i> , <b>2012</b> , 3,	7.8	71
131	Modelling the regulation of thermal adaptation in <i>Candida albicans</i> , a major fungal pathogen of humans. <i>PLoS ONE</i> , <b>2012</b> , 7, e32467	3.7	46
130	Cellular responses of <i>Candida albicans</i> to phagocytosis and the extracellular activities of neutrophils are critical to counteract carbohydrate starvation, oxidative and nitrosative stress. <i>PLoS ONE</i> , <b>2012</b> , 7, e52850	3.7	86
129	<i>Candida albicans</i> morphogenesis and host defence: discriminating invasion from colonization. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 10, 112-22	22.2	538
128	Recognition and blocking of innate immunity cells by <i>Candida albicans</i> chitin. <i>Infection and Immunity</i> , <b>2011</b> , 79, 1961-70	3.7	139
127	Activation of the heat shock transcription factor Hsf1 is essential for the full virulence of the fungal pathogen <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , <b>2011</b> , 48, 297-305	3.9	62
126	Nitric oxide and nitrosative stress tolerance in yeast. <i>Biochemical Society Transactions</i> , <b>2011</b> , 39, 219-23	5.1	37
125	Molecular and proteomic analyses highlight the importance of ubiquitination for the stress resistance, metabolic adaptation, morphogenetic regulation and virulence of <i>Candida albicans</i> . <i>Molecular Microbiology</i> , <b>2011</b> , 79, 1574-93	4.1	44
124	Analysing GCN4 translational control in yeast by stochastic chemical kinetics modelling and simulation. <i>BMC Systems Biology</i> , <b>2011</b> , 5, 131	3.5	9
123	Glycosylation status of the <i>C. albicans</i> cell wall affects the efficiency of neutrophil phagocytosis and killing but not cytokine signaling. <i>Medical Mycology</i> , <b>2011</b> , 49, 513-24	3.9	34
122	Differential regulation of kidney and spleen cytokine responses in mice challenged with pathology-standardized doses of <i>Candida albicans</i> mannosylation mutants. <i>Infection and Immunity</i> , <b>2011</b> , 79, 146-52	3.7	14
121	Identification of sumoylation targets, combined with inactivation of SMT3, reveals the impact of sumoylation upon growth, morphology, and stress resistance in the pathogen <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 687-702	3.5	43
120	Functional specialization and differential regulation of short-chain carboxylic acid transporters in the pathogen <i>Candida albicans</i> . <i>Molecular Microbiology</i> , <b>2010</b> , 75, 1337-54	4.1	37
119	A multifunctional mannosyltransferase family in <i>Candida albicans</i> determines cell wall mannan structure and host-fungus interactions. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 12087-95	5.4	89

118	Phosphorylation regulates polarisation of chitin synthesis in <i>Candida albicans</i> . <i>Journal of Cell Science</i> , <b>2010</b> , 123, 2199-206	5.3	27
117	<i>Pseudomonas aeruginosa</i> secreted factors impair biofilm development in <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 1476-1486	2.9	63
116	Bioluminescent fungi for real-time monitoring of fungal infections. <i>Virulence</i> , <b>2010</b> , 1, 174-6	4.7	24
115	The relevance of heat shock regulation in fungal pathogens of humans. <i>Virulence</i> , <b>2010</b> , 1, 330-2	4.7	20
114	A beta-glucan-conjugate vaccine and anti-beta-glucan antibodies are effective against murine vaginal candidiasis as assessed by a novel in vivo imaging technique. <i>Vaccine</i> , <b>2010</b> , 28, 1717-25	4.1	66
113	Melanin externalization in <i>Candida albicans</i> depends on cell wall chitin structures. <i>Eukaryotic Cell</i> , <b>2010</b> , 9, 1329-42		69
112	Impact of the transcriptional regulator, Ace2, on the <i>Candida glabrata</i> secretome. <i>Proteomics</i> , <b>2010</b> , 10, 212-23	4.8	22
111	A quantitative model for mRNA translation in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2010</b> , 27, 785-800	3.4	13
110	Plasmids for in vivo construction of integrative <i>Candida albicans</i> vectors in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2010</b> , 27, 933-9	3.4	3
109	Property differences among the four major <i>Candida albicans</i> strain clades. <i>Eukaryotic Cell</i> , <b>2009</b> , 8, 373-87		107
108	A multifunctional, synthetic <i>Gaussia princeps</i> luciferase reporter for live imaging of <i>Candida albicans</i> infections. <i>Infection and Immunity</i> , <b>2009</b> , 77, 4847-58	3.7	99
107	Glucose promotes stress resistance in the fungal pathogen <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 4845-55	3.5	119
106	Phylogenetic diversity of stress signalling pathways in fungi. <i>BMC Evolutionary Biology</i> , <b>2009</b> , 9, 44	3	143
105	A proteomic analysis of the salt, cadmium and peroxide stress responses in <i>Candida albicans</i> and the role of the Hog1 stress-activated MAPK in regulating the stress-induced proteome. <i>Proteomics</i> , <b>2009</b> , 9, 4686-703	4.8	43
104	Proteomic and phenotypic profiling of the amphibian pathogen <i>Batrachochytrium dendrobatidis</i> shows that genotype is linked to virulence. <i>Molecular Ecology</i> , <b>2009</b> , 18, 415-29	5.7	120
103	Genome-wide gene expression profiling and a forward genetic screen show that differential expression of the sodium ion transporter Ena21 contributes to the differential tolerance of <i>Candida albicans</i> and <i>Candida dubliniensis</i> to osmotic stress. <i>Molecular Microbiology</i> , <b>2009</b> , 72, 216-28	4.1	32
102	Role of the heat shock transcription factor, Hsf1, in a major fungal pathogen that is obligately associated with warm-blooded animals. <i>Molecular Microbiology</i> , <b>2009</b> , 74, 844-61	4.1	77
101	Evolution of pathogenicity and sexual reproduction in eight <i>Candida</i> genomes. <i>Nature</i> , <b>2009</b> , 459, 657-663	30.4	764



100	Genome-wide analysis of <i>Candida albicans</i> gene expression patterns during infection of the mammalian kidney. <i>Fungal Genetics and Biology</i> , <b>2009</b> , 46, 210-9	3.9	78
99	Nitrosative and oxidative stress responses in fungal pathogenicity. <i>Current Opinion in Microbiology</i> , <b>2009</b> , 12, 384-91	7.9	123
98	Early-expressed chemokines predict kidney immunopathology in experimental disseminated <i>Candida albicans</i> infections. <i>PLoS ONE</i> , <b>2009</b> , 4, e6420	3.7	57
97	Impact of the unfolded protein response upon genome-wide expression patterns, and the role of Hac1 in the polarized growth, of <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , <b>2008</b> , 45, 1235-47	3.9	81
96	MNL1 regulates weak acid-induced stress responses of the fungal pathogen <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 4393-403	3.5	60
95	Proteomic analysis of the pH response in the fungal pathogen <i>Candida glabrata</i> . <i>Proteomics</i> , <b>2008</b> , 8, 534-44	4.8	37
94	Information quality in proteomics. <i>Briefings in Bioinformatics</i> , <b>2008</b> , 9, 174-88	13.4	25
93	Azole antifungals induce up-regulation of SAP4, SAP5 and SAP6 secreted proteinase genes in filamentous <i>Candida albicans</i> cells in vitro and in vivo. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2008</b> , 61, 315-22	5.1	10
92	The PKC, HOG and Ca <sup>2+</sup> signalling pathways co-ordinately regulate chitin synthesis in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , <b>2007</b> , 63, 1399-413	4.1	233
91	A transcriptome analysis of isoamyl alcohol-induced filamentation in yeast reveals a novel role for Gre2p as isovaleraldehyde reductase. <i>FEMS Yeast Research</i> , <b>2007</b> , 7, 84-92	3.1	29
90	Immune recognition of <i>Candida albicans</i> beta-glucan by dectin-1. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196, 1565-71	7	239
89	<i>Candida albicans</i> Iff11, a secreted protein required for cell wall structure and virulence. <i>Infection and Immunity</i> , <b>2007</b> , 75, 2922-8	3.7	37
88	Endoplasmic reticulum alpha-glycosidases of <i>Candida albicans</i> are required for N glycosylation, cell wall integrity, and normal host-fungus interaction. <i>Eukaryotic Cell</i> , <b>2007</b> , 6, 2184-93		95
87	Niche-specific activation of the oxidative stress response by the pathogenic fungus <i>Candida albicans</i> . <i>Infection and Immunity</i> , <b>2007</b> , 75, 2143-51	3.7	113
86	Developmental regulation of an adhesin gene during cellular morphogenesis in the fungal pathogen <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , <b>2007</b> , 6, 682-92		95
85	Genomics and the development of new diagnostics and anti- <i>Candida</i> drugs. <i>Trends in Microbiology</i> , <b>2007</b> , 15, 310-7	12.4	21
84	Infection-related gene expression in <i>Candida albicans</i> . <i>Current Opinion in Microbiology</i> , <b>2007</b> , 10, 307-13	7.9	113
83	Outer chain N-glycans are required for cell wall integrity and virulence of <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 90-8	5.4	182



82	Candida albicans VAC8 is required for vacuolar inheritance and normal hyphal branching. <i>Eukaryotic Cell</i> , <b>2006</b> , 5, 359-67		30
81	Universal metrics for quality assessment of protein identifications by mass spectrometry. <i>Molecular and Cellular Proteomics</i> , <b>2006</b> , 5, 1205-11	7.6	36
80	Effects of depleting the essential central metabolic enzyme fructose-1,6-bisphosphate aldolase on the growth and viability of <i>Candida albicans</i> : implications for antifungal drug target discovery. <i>Eukaryotic Cell</i> , <b>2006</b> , 5, 1371-7		64
79	Role of the Hog1 stress-activated protein kinase in the global transcriptional response to stress in the fungal pathogen <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , <b>2006</b> , 17, 1018-32	3.5	299
78	Niche-specific regulation of central metabolic pathways in a fungal pathogen. <i>Cellular Microbiology</i> , <b>2006</b> , 8, 961-71	3.9	254
77	Immune sensing of <i>Candida albicans</i> requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1642-50	15.9	548
76	Expression of one-hybrid fusions with <i>Staphylococcus aureus</i> lexA in <i>Candida albicans</i> confirms that Nrg1 is a transcriptional repressor and that Gcn4 is a transcriptional activator. <i>Fungal Genetics and Biology</i> , <b>2005</b> , 42, 676-83	3.9	24
75	Gene disruption in <i>Candida albicans</i> using a synthetic, codon-optimised Cre-loxP system. <i>Fungal Genetics and Biology</i> , <b>2005</b> , 42, 737-48	3.9	81
74	Proteomic changes associated with inactivation of the <i>Candida glabrata</i> ACE2 virulence-moderating gene. <i>Proteomics</i> , <b>2005</b> , 5, 1838-48	4.8	21
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