Neil A R Gow

List of Publications by Year
in descending order

332 papers	33,899 citations	3264 94 h-index	5244 171 g-index
350 all docs	350 docs citations	350 times ranked	24891 citing authors

#	Article	IF	Citations
1	Fluconazole resistant Candida auris clinical isolates have increased levels of cell wall chitin and increased susceptibility to a glucosamine-6-phosphate synthase inhibitor. Cell Surface, 2022, 8, 100076.	1.5	11
2	Sphingolipidomics of drug resistant Candida auris clinical isolates reveal distinct sphingolipid species signatures. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158815.	1.2	12
3	The protein kinase Ire1 impacts pathogenicity of <scp> <i>Candida albicans</i> </scp> by regulating homeostatic adaptation to endoplasmic reticulum stress. Cellular Microbiology, 2021, 23, e13307.	1.1	18
4	Clonal evolution of <i>Candida albicans, Candida glabrata</i> and <i>Candida dubliniensis</i> at oral niche level in health and disease. Journal of Oral Microbiology, 2021, 13, 1894047.	1.2	5
5	Dependence on Mincle and Dectin-2 Varies With Multiple Candida Species During Systemic Infection. Frontiers in Microbiology, 2021, 12, 633229.	1.5	6
6	Mycobiota dysbiosis: a new nexus in intestinal tumorigenesis. EMBO Journal, 2021, 40, e108175.	3.5	4
7	Immune cells fold and damage fungal hyphae. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	34
8	Inactivating the mannose-ethanolamine phosphotransferase Gpi7 confers caspofungin resistance in the human fungal pathogen Candida albicans. Cell Surface, 2021, 7, 100057.	1.5	4
9	Fungal cell wall components modulate our immune system. Cell Surface, 2021, 7, 100067.	1.5	10
10	Crosstalk between calcineurin and the cell wall integrity pathways prevents chitin overexpression in Candida albicans. Journal of Cell Science, 2021, , .	1.2	8
11	Complement-Mediated Differential Immune Response of Human Macrophages to Sporothrix Species Through Interaction With Their Cell Wall Peptidorhamnomannans. Frontiers in Immunology, 2021, 12, 749074.	2.2	9
12	The environmental stress sensitivities of pathogenic Candida species, including Candida auris, and implications for their spread in the hospital setting. Medical Mycology, 2020, 58, 744-755.	0.3	27
13	Ifu5, a WW domainâ€containing protein interacts with Efg1 to achieve coordination of normoxic and hypoxic functions to influence pathogenicity traits in<i>Candida albicans</i>. Cellular Microbiology, 2020, 22, e13140.	1.1	4
14	A Weakened Immune Response to Synthetic Exo-Peptides Predicts a Potential Biosecurity Risk in the Retrieval of Exo-Microorganisms. Microorganisms, 2020, 8, 1066.	1.6	1
15	Differences in fungal immune recognition by monocytes and macrophages: N-mannan can be a shield or activator of immune recognition. Cell Surface, 2020, 6, 100042.	1.5	30
16	Three Related Enzymes in Candida albicans Achieve Arginine- and Agmatine-Dependent Metabolism That Is Essential for Growth and Fungal Virulence. MBio, 2020, 11, .	1.8	15
17	Transcriptional and functional insights into the host immune response against the emerging fungal pathogen Candida auris. Nature Microbiology, 2020, 5, 1516-1531.	5.9	75
18	Scalar nanostructure of the Candida albicans cell wall; a molecular, cellular and ultrastructural analysis and interpretation. Cell Surface, 2020, 6, 100047.	1.5	39

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19	Biosensors and Diagnostics for Fungal Detection. Journal of Fungi (Basel, Switzerland), 2020, 6, 349.	1.5	31
20	Threats Posed by the Fungal Kingdom to Humans, Wildlife, and Agriculture. MBio, 2020, 11, .	1.8	275
21	Advances in Molecular Tools and In Vivo Models for the Study of Human Fungal Pathogenesis. Microorganisms, 2020, 8, 803.	1.6	12
22	Epitope Shaving Promotes Fungal Immune Evasion. MBio, 2020, 11, .	1.8	41
23	Mannan detecting C-type lectin receptor probes recognise immune epitopes with diverse chemical, spatial and phylogenetic heterogeneity in fungal cell walls. PLoS Pathogens, 2020, 16, e1007927.	2.1	52
24	Immune recognition of putative alien microbial structures: Hostâ€“pathogen interactions in the age of space travel. PLoS Pathogens, 2020, 16, e1008153.	2.1	7
25	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for Candida albicans Cell Wall Maintenance. MBio, 2020, 11, .	1.8	16
26	Pseudohyphal Growth of the Emerging Pathogen Candida auris Is Triggered by Genotoxic Stress through the S Phase Checkpoint. MSphere, 2020, 5, .	1.3	48
27	The pattern recognition receptors dectin-2, mincle, and FcRÎ³ impact the dynamics of phagocytosis of Candida, Saccharomyces, Malassezia, and Mucor species. PLoS ONE, 2019, 14, e0220867.	1.1	21
28	ECMM <i>Candi</i>Regâ€"A ready to use platform for outbreaks and epidemiological studies. Mycoses, 2019, 62, 920-927.	1.8	19
29	Dependence on Dectin-1 Varies With Multiple Candida Species. Frontiers in Microbiology, 2019, 10, 1800.	1.5	22
30	Candida albicans Factor H Binding Molecule Hgt1p â€“ A Low Glucose-Induced Transmembrane Protein Is Trafficked to the Cell Wall and Impairs Phagocytosis and Killing by Human Neutrophils. Frontiers in Microbiology, 2019, 9, 3319.	1.5	24
31	ABC Transporter Genes Show Upregulated Expression in Drug-Resistant Clinical Isolates of Candida auris: A Genome-Wide Characterization of ATP-Binding Cassette (ABC) Transporter Genes. Frontiers in Microbiology, 2019, 10, 1445.	1.5	55
32	Rapid and extensive karyotype diversification in haploid clinical Candida auris isolates. Current Genetics, 2019, 65, 1217-1228.	0.8	44
33	Non-canonical signalling mediates changes in fungal cell wall PAMPs that drive immune evasion. Nature Communications, 2019, 10, 5315.	5.8	67
34	Memory in Fungal Pathogens Promotes Immune Evasion, Colonisation, and Infection. Trends in Microbiology, 2019, 27, 219-230.	3.5	32
35	The Viscoelastic Properties of the Fungal Cell Wall Allow Traffic of AmBisome as Intact Liposome Vesicles. MBio, 2018, 9, .	1.8	138
36	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to Aspergillus. Nature, 2018, 555, 382-386.	13.7	157

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37	Using Preprints for Journal Clubs. MBio, 2018, 9, .	1.8	7
38	Titan cell production in Cryptococcus neoformans reshapes the cell wall and capsule composition during infection. Cell Surface, 2018, 1, 15-24.	1.5	52
39	Hypoxia Promotes Immune Evasion by Triggering Î²-Glucan Masking on the Candida albicans Cell Surface via Mitochondrial and cAMP-Protein Kinase A Signaling. MBio, 2018, 9, .	1.8	105
40	Gene Essentiality Analyzed by <i>In Vivo</i> Transposon Mutagenesis and Machine Learning in a Stable Haploid Isolate of <i>Candida albicans</i>. MBio, 2018, 9, .	1.8	110
41	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. Nature Communications, 2018, 9, 5288.	5.8	56
42	Yeast species-specific, differential inhibition of Î²-1,3-glucan synthesis by poacic acid and caspofungin. Cell Surface, 2018, 3, 12-25.	1.5	30
43	Hog1 Regulates Stress Tolerance and Virulence in the Emerging Fungal Pathogen Candida auris. MSphere, 2018, 3, .	1.3	61
44	The mycoparasitic yeast Saccharomycopsis schoenii predates and kills multi-drug resistant Candida auris. Scientific Reports, 2018, 8, 14959.	1.6	15
45	The type VI secretion system deploys antifungal effectors against microbial competitors. Nature Microbiology, 2018, 3, 920-931.	5.9	199
46	Drug-mediated metabolic tipping between antibiotic resistant states in a mixed-species community. Nature Ecology and Evolution, 2018, 2, 1312-1320.	3.4	14
47	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. Microbial Cell, 2018, 5, 300-326.	1.4	81
48	Strategic Research Funding: A Success Story for Medical Mycology. Trends in Microbiology, 2018, 26, 811-813.	3.5	9
49	Cell walls of the dimorphic fungal pathogens Sporothrix schenckii and Sporothrix brasiliensis exhibit bilaminate structures and sloughing of extensive and intact layers. PLoS Neglected Tropical Diseases, 2018, 12, e0006169.	1.3	56
50	<i>Candida albicans</i> Chitin Increases Arginase-1 Activity in Human Macrophages, with an Impact on Macrophage Antimicrobial Functions. MBio, 2017, 8, .	1.8	87
51	Unlocking the Therapeutic Potential of the Fungal Cell Wall: Clinical Implications and Drug Resistance. , 2017, , 313-346.		5
52	The Fungal Cell Wall: Structure, Biosynthesis, and Function. Microbiology Spectrum, 2017, 5, .	1.2	736
53	Lactate signalling regulates fungal Î²-glucan masking and immune evasion. Nature Microbiology, 2017, 2, 16238.	5.9	197
54	Plant Pathogenic Fungi. , 2017, , 701-726.		22

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55	What Defines the â€œKingdomâ€•Fungi?. , 2017, , 57-77.		6
56	Fungal Sex: The Mucoromycota. , 2017, , 177-191.		3
57	Host-Microsporidia Interactions in Caenorhabditis elegans, a Model Nematode Host. , 2017, , 975-980.		2
58	Fungal Cell Cycle: A Unicellular versus Multicellular Comparison. , 2017, , 549-570.		0
59	The Fungal Tree of Life: From Molecular Systematics to Genome-Scale Phylogenies. , 2017, , 1-34.		25
60	The Complexity of Fungal Vision. , 2017, , 441-461.		0
61	The Geomycology of Elemental Cycling and Transformations in the Environment. , 2017, , 369-386.		1
62	Six Key Traits of Fungi: Their Evolutionary Origins and Genetic Bases. , 2017, , 35-56.		10
63	Making Time: Conservation of Biological Clocks from Fungi to Animals. , 2017, , 515-534.		8
64	Fungal Ligninolytic Enzymes and Their Applications. , 2017, , 1049-1061.		2
65	Key Ecological Roles for Zoosporic True Fungi in Aquatic Habitats. , 2017, , 399-416.		1
66	Nutrient Sensing at the Plasma Membrane of Fungal Cells. , 2017, , 417-439.		4
67	Nematode-Trapping Fungi. , 2017, , 963-974.		4
68	Bacterial Endosymbionts: Master Modulators of Fungal Phenotypes. , 2017, , 981-1004.		6
69	Molecular Mechanisms Regulating Cell Fusion and Heterokaryon Formation in Filamentous Fungi. , 2017, , 215-229.		9
70	Fungi that Infect Humans. , 2017, , 811-843.		8
71	The Mycobiome: Impact on Health and Disease States. , 2017, , 845-854.		3
72	Fungal Biofilms: Inside Out. , 2017, , 873-886.		6

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73	Fungal Enzymes and Yeasts for Conversion of Plant Biomass to Bioenergy and High-Value Products. , 2017, , 1027-1048.		3
74	Thigmo Responses: The Fungal Sense of Touch. , 2017, , 487-507.		0
75	Amyloid Prions in Fungi. , 2017, , 673-685.		0
76	Fungal Recognition and Host Defense Mechanisms. , 2017, , 887-902.		1
77	Macrophage Migration Is Impaired within Candida albicans Biofilms. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.5	21
78	Candida albicans Yeast, Pseudohyphal, and Hyphal Morphogenesis Differentially Affects Immune Recognition. Frontiers in Immunology, 2017, 8, 629.	2.2	125
79	Phosphomannosylation and the Functional Analysis of the Extended Candida albicans MNN4-Like Gene Family. Frontiers in Microbiology, 2017, 8, 2156.	1.5	25
80	Zinc Limitation Induces a Hyper-Adherent Goliath Phenotype in Candida albicans. Frontiers in Microbiology, 2017, 8, 2238.	1.5	42
81	Microbe Profile: Candida albicans: a shape-changing, opportunistic pathogenic fungus of humans. Microbiology (United Kingdom), 2017, 163, 1145-1147.	0.7	118
82	Elevated catalase expression in a fungal pathogen is a double-edged sword of iron. PLoS Pathogens, 2017, 13, e1006405.	2.1	43
83	Medical mycology and fungal immunology: new research perspectives addressing a major world health challenge. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150462.	1.8	50
84	Tackling emerging fungal threats to animal health, food security and ecosystem resilience. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160332.	1.8	103
85	The Role of Dectin-2 for Host Defense Against Disseminated Candidiasis. Journal of Interferon and Cytokine Research, 2016, 36, 267-276.	0.5	45
86	Cell biology of Candida albicansâ€“host interactions. Current Opinion in Microbiology, 2016, 34, 111-118.	2.3	126
87	Editorial for â€œthe fungal cell wallâ€•special issue. Cellular Microbiology, 2016, 18, 1187-1187.	1.1	1
88	Drug resistance in eukaryotic microorganisms. Nature Microbiology, 2016, 1, 16092.	5.9	118
89	The importance of subclasses of chitin synthase enzymes with myosin-like domains for the fitness of fungi. Fungal Biology Reviews, 2016, 30, 1-14.	1.9	33
90	Interactions of fungal pathogens with phagocytes. Nature Reviews Microbiology, 2016, 14, 163-176.	13.6	550

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91	Clonal Strain Persistence of Candida albicans Isolates from Chronic Mucocutaneous Candidiasis Patients. PLoS ONE, 2016, 11, e0145888.	1.1	29
92	The Rewiring of Ubiquitination Targets in a Pathogenic Yeast Promotes Metabolic Flexibility, Host Colonization and Virulence. PLoS Pathogens, 2016, 12, e1005566.	2.1	74
93	Contribution of Fdh3 and Glr1 to Glutathione Redox State, Stress Adaptation and Virulence in Candida albicans. PLoS ONE, 2015, 10, e0126940.	1.1	35
94	Integrative Model of Oxidative Stress Adaptation in the Fungal Pathogen Candida albicans. PLoS ONE, 2015, 10, e0137750.	1.1	57
95	The Candida albicans Exocyst Subunit Sec6 Contributes to Cell Wall Integrity and Is a Determinant of Hyphal Branching. Eukaryotic Cell, 2015, 14, 684-697.	3.4	12
96	Rab14 Regulates Maturation of Macrophage Phagosomes Containing the Fungal Pathogen Candida albicans and Outcome of the Host-Pathogen Interaction. Infection and Immunity, 2015, 83, 1523-1535.	1.0	42
97	Cell Wall Remodeling Enzymes Modulate Fungal Cell Wall Elasticity and Osmotic Stress Resistance. MBio, 2015, 6, e00986.	1.8	169
98	Caspofungin Treatment of Aspergillus fumigatus Results in ChsG-Dependent Upregulation of Chitin Synthesis and the Formation of Chitin-Rich Microcolonies. Antimicrobial Agents and Chemotherapy, 2015, 59, 5932-5941.	1.4	66
99	Cell wall protection by the Candida albicans class I chitin synthases. Fungal Genetics and Biology, 2015, 82, 264-276.	0.9	26
100	Î²-1,2-Mannosyltransferases 1 and 3 Participate in Yeast and Hyphae O- and N-Linked Mannosylation and Alter Candida albicans Fitness During Infection. Open Forum Infectious Diseases, 2015, 2, ofv116.	0.4	18
101	<i>C</i><i>andida albicans</i>colonization and dissemination from the murine gastrointestinal tract: the influence of morphology and Th17 immunity. Cellular Microbiology, 2015, 17, 445-450.	1.1	66
102	Novel insights into host-fungal pathogen interactions derived from live-cell imaging. Seminars in Immunopathology, 2015, 37, 131-139.	2.8	32
103	Murine Model for Fusarium oxysporum Invasive Fusariosis Reveals Organ-Specific Structures for Dissemination and Long-Term Persistence. PLoS ONE, 2014, 9, e89920.	1.1	14
104	New Clox Systems for Rapid and Efficient Gene Disruption in Candida albicans. PLoS ONE, 2014, 9, e100390.	1.1	34
105	Hyphal Growth of Phagocytosed Fusarium oxysporum Causes Cell Lysis and Death of Murine Macrophages. PLoS ONE, 2014, 9, e101999.	1.1	9
106	Cdc42 GTPase dynamics control directional growth responses. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 811-816.	3.3	38
107	Fungal Chitin Dampens Inflammation through IL-10 Induction Mediated by NOD2 and TLR9 Activation. PLoS Pathogens, 2014, 10, e1004050.	2.1	215
108	Candida albicans Hypha Formation and Mannan Masking of Î²-Glucan Inhibit Macrophage Phagosome Maturation. MBio, 2014, 5, e01874.	1.8	138

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109	Expansion of Foxp3⁺ Tâ€cell populations by <i>Candida albicans</i> enhances both Th17â€cell responses and fungal dissemination after intravenous challenge. European Journal of Immunology, 2014, 44, 1069-1083.	1.6	55
110	Trained Immunity or Tolerance: Opposing Functional Programs Induced in Human Monocytes after Engagement of Various Pattern Recognition Receptors. Vaccine Journal, 2014, 21, 534-545.	3.2	262
111	Metabolism impacts upon Candida immunogenicity and pathogenicity at multiple levels. Trends in Microbiology, 2014, 22, 614-622.	3.5	208
112	Role of Dectin-2 for Host Defense against Systemic Infection with Candida glabrata. Infection and Immunity, 2014, 82, 1064-1073.	1.0	100
113	Antifungal resistance: more research needed. Lancet, The, 2014, 384, 1427.	6.3	20
114	Mechanisms Underlying the Exquisite Sensitivity of Candida albicans to Combinatorial Cationic and Oxidative Stress That Enhances the Potent Fungicidal Activity of Phagocytes. MBio, 2014, 5, e01334-14.	1.8	76
115	Fungal model systems and the elucidation of pathogenicity determinants. Fungal Genetics and Biology, 2014, 70, 42-67.	0.9	133
116	Modulation of Alternaria infectoria Cell Wall Chitin and Glucan Synthesis by Cell Wall Synthase Inhibitors. Antimicrobial Agents and Chemotherapy, 2014, 58, 2894-2904.	1.4	28
117	Regulation of vectorial supply of vesicles to the hyphal tip determines thigmotropism in Neurospora crassa. Fungal Biology, 2014, 118, 287-294.	1.1	21
118	1 From Commensal to Pathogen: Candida albicans. , 2014, , 3-18.		7
119	Multiple mating strategies. Nature, 2013, 494, 45-46.	13.7	4
120	Role of the Candida albicans MNN1 gene family in cell wall structure and virulence. BMC Research Notes, 2013, 6, 294.	0.6	23
121	Reporters for the analysis of N-glycosylation in Candida albicans. Fungal Genetics and Biology, 2013, 56, 107-115.	0.9	6
122	Elevated Chitin Content Reduces the Susceptibility of Candida Species to Caspofungin. Antimicrobial Agents and Chemotherapy, 2013, 57, 146-154.	1.4	156
123	Altered Dynamics of Candida albicans Phagocytosis by Macrophages and PMNs When Both Phagocyte Subsets Are Present. MBio, 2013, 4, e00810-13.	1.8	56
124	Differential Adaptation of Candida albicans In Vivo Modulates Immune Recognition by Dectin-1. PLoS Pathogens, 2013, 9, e1003315.	2.1	181
125	The Mnn2 Mannosyltransferase Family Modulates Mannoprotein Fibril Length, Immune Recognition and Virulence of Candida albicans. PLoS Pathogens, 2013, 9, e1003276.	2.1	102
126	<i>Candida albicans</i> Primes TLR Cytokine Responses through a Dectin-1/Raf-1â€"Mediated Pathway. Journal of Immunology, 2013, 190, 4129-4135.	0.4	57

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127	Cell wall stress induces alternative fungal cytokinesis and septation strategies. Journal of Cell Science, 2013, 126, 2668-77.	1.2	36
128	A developmental program for Candida commensalism. Nature Genetics, 2013, 45, 967-968.	9.4	18
129	Mannosylation in <i><scp>C</scp>andida albicans</i>: role in cell wall function and immune recognition. Molecular Microbiology, 2013, 90, 1147-1161.	1.2	168
130	Differential Virulence of Candida glabrata Glycosylation Mutants*. Journal of Biological Chemistry, 2013, 288, 22006-22018.	1.6	57
131	Live-cell Video Microscopy of Fungal Pathogen Phagocytosis. Journal of Visualized Experiments, 2013, , .	0.2	21
132	Anti-Candida Targets and Cytotoxicity of Casuarinin Isolated from Plinia cauliflora Leaves in a Bioactivity-Guided Study. Molecules, 2013, 18, 8095-8108.	1.7	16
133	From START to FINISH: The Influence of Osmotic Stress on the Cell Cycle. PLoS ONE, 2013, 8, e68067.	1.1	27
134	Cytosolic Phospholipase A2Î± and Eicosanoids Regulate Expression of Genes in Macrophages Involved in Host Defense and Inflammation. PLoS ONE, 2013, 8, e69002.	1.1	38
135	Does Candida Albicans Play a Role in the Etiology of Endometriosis?. Journal of Endometriosis and Pelvic Pain Disorders, 2013, 5, 2-9.	0.3	1
136	Stage Specific Assessment of Candida albicans Phagocytosis by Macrophages Identifies Cell Wall Composition and Morphogenesis as Key Determinants. PLoS Pathogens, 2012, 8, e1002578.	2.1	120
137	Elevated Cell Wall Chitin in Candida albicans Confers Echinocandin Resistance <i>In Vivo</i>. Antimicrobial Agents and Chemotherapy, 2012, 56, 208-217.	1.4	181
138	The Evolutionary Rewiring of Ubiquitination Targets Has Reprogrammed the Regulation of Carbon Assimilation in the Pathogenic Yeast Candida albicans. MBio, 2012, 3, .	1.8	102
139	Hidden Killers: Human Fungal Infections. Science Translational Medicine, 2012, 4, 165rv13.	5.8	3,368
140	Non-lytic expulsion/exocytosis of Candida albicans from macrophages. Fungal Genetics and Biology, 2012, 49, 677-678.	0.9	89
141	Candida albicans infection inhibits macrophage cell division and proliferation. Fungal Genetics and Biology, 2012, 49, 679-680.	0.9	25
142	Combinatorial stresses kill pathogenic<i>Candida</i>species. Medical Mycology, 2012, 50, 699-709.	0.3	79
143	Nitrosative stress and combinatorial stresses in the pathogen Candida albicans. Nitric Oxide - Biology and Chemistry, 2012, 27, S44.	1.2	0
144	Biochemical characterization of recombinant Candida albicans mannosyltransferases Mnt1, Mnt2 and Mnt5 reveals new functions in O- and N-mannan biosynthesis. Biochemical and Biophysical Research Communications, 2012, 419, 77-82.	1.0	39

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145	A systems biology analysis of long and short-term memories of osmotic stress adaptation in fungi. BMC Research Notes, 2012, 5, 258.	0.6	28
146	Î²(1,3)-glucan synthase complex fromAlternaria infectoria, a rare dematiaceous human pathogen. Medical Mycology, 2012, 50, 716-725.	0.3	14
147	Importance of the Candida albicans cell wall during commensalism and infection. Current Opinion in Microbiology, 2012, 15, 406-412.	2.3	281
148	Identification of vacuole defects in fungi. Journal of Microbiological Methods, 2012, 91, 155-163.	0.7	35
149	Tropic Orientation Responses of Pathogenic Fungi. Topics in Current Genetics, 2012, , 21-41.	0.7	14
150	A case for case reportsâ€"And a new publishing platform for clinical mycology. Medical Mycology Case Reports, 2012, 1, 17-18.	0.7	1
151	Candida albicans morphogenesis and host defence: discriminating invasion from colonization. Nature Reviews Microbiology, 2012, 10, 112-122.	13.6	693
152	Interactions Between Macrophages and Cell Wall Oligosaccharides of Candida albicans. Methods in Molecular Biology, 2012, 845, 247-260.	0.4	23
153	Host carbon sources modulate cell wall architecture, drug resistance and virulence in a fungal pathogen. Cellular Microbiology, 2012, 14, 1319-1335.	1.1	274
154	Murine Bone Marrow-Derived Dendritic Cells and T-Cell Activation by Candida albicans. Methods in Molecular Biology, 2012, 845, 261-275.	0.4	0
155	Glycosylation status of theC. albicanscell wall affects the efficiency of neutrophil phagocytosis and killing but not cytokine signaling. Medical Mycology, 2011, 49, 1-12.	0.3	38
156	Recognition and Blocking of Innate Immunity Cells by Candida albicans Chitin. Infection and Immunity, 2011, 79, 1961-1970.	1.0	172
157	Nitric oxide and nitrosative stress tolerance in yeast. Biochemical Society Transactions, 2011, 39, 219-223.	1.6	45
158	Wild-type <i>Drosophila melanogaster</i> as an alternative model system for investigating the pathogenicity of <i>Candida albicans</i>. DMM Disease Models and Mechanisms, 2011, 4, 504-514.	1.2	45
159	Differential Regulation of Kidney and Spleen Cytokine Responses in Mice Challenged with Pathology-Standardized Doses of <i>Candida albicans</i> Mannosylation Mutants. Infection and Immunity, 2011, 79, 146-152.	1.0	14
160	Fig1 Facilitates Calcium Influx and Localizes to Membranes Destined To Undergo Fusion during Mating in Candida albicans. Eukaryotic Cell, 2011, 10, 435-444.	3.4	37
161	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of<i>Candida albicans</i>. Journal of Leukocyte Biology, 2011, 90, 357-366.	1.5	169
162	Candida albicans Cell Wall Glycosylation May Be Indirectly Required for Activation of Epithelial Cell Proinflammatory Responses. Infection and Immunity, 2011, 79, 4902-4911.	1.0	44

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163	A Multifunctional Mannosyltransferase Family in Candida albicans Determines Cell Wall Mannan Structure and Host-Fungus Interactions. Journal of Biological Chemistry, 2010, 285, 12087-12095.	1.6	106
164	Phosphorylation regulates polarisation of chitin synthesis in Candida albicans. Journal of Cell Science, 2010, 123, 2199-2206.	1.2	33
165	Contribution of<i>Candida albicans</i>Cell Wall Components to Recognition by and Escape from Murine Macrophages. Infection and Immunity, 2010, 78, 1650-1658.	1.0	225
166	Pseudomonas aeruginosa secreted factors impair biofilm development in Candida albicans. Microbiology (United Kingdom), 2010, 156, 1476-1486.	0.7	73
167	CO2 Acts as a Signalling Molecule in Populations of the Fungal Pathogen Candida albicans. PLoS Pathogens, 2010, 6, e1001193.	2.1	104
168	Chitin synthesis and fungal pathogenesis. Current Opinion in Microbiology, 2010, 13, 416-423.	2.3	363
169	Fungal echinocandin resistance. Fungal Genetics and Biology, 2010, 47, 117-126.	0.9	228
170	Melanin Externalization in Candida albicans Depends on Cell Wall Chitin Structures. Eukaryotic Cell, 2010, 9, 1329-1342.	3.4	85
171	Variable recognition of<i>Candida albicans</i>strains by TLR4 and lectin recognition receptors. Medical Mycology, 2010, 48, 897-903.	0.3	64
172	Property Differences among the Four Major <i>Candida albicans</i> Strain Clades. Eukaryotic Cell, 2009, 8, 373-387.	3.4	138
173	Toll-Like Receptor 9-Dependent Activation of Myeloid Dendritic Cells by Deoxynucleic Acids from<i>Candida albicans</i>. Infection and Immunity, 2009, 77, 3056-3064.	1.0	98
174	Protein glycosylation in <i>Candida</i>. Future Microbiology, 2009, 4, 1167-1183.	1.0	79
175	Regulation of pentraxin-3 by antioxidants. British Journal of Anaesthesia, 2009, 103, 833-839.	1.5	26
176	Loss of mannosylphosphate from Candida albicans cell wall proteins results in enhanced resistance to the inhibitory effect of a cationic antimicrobial peptide via reduced peptide binding to the cell surface. Microbiology (United Kingdom), 2009, 155, 1058-1070.	0.7	51
177	Glucose Promotes Stress Resistance in the Fungal Pathogen<i>Candida albicans</i>. Molecular Biology of the Cell, 2009, 20, 4845-4855.	0.9	168
178	Bypassing Pathogenâ€Induced Inflammasome Activation for the Regulation of Interleukinâ€1Î² Production by the Fungal Pathogen<i>Candida albicans</i>. Journal of Infectious Diseases, 2009, 199, 1087-1096.	1.9	70
179	Pseudohypha budding patterns of<i>Candida albicans</i>. Medical Mycology, 2009, 47, 268-275.	0.3	33
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