

# Neil A R Gow

## List of PR Articles by Year in descending order

Source: [//exaly.com/author-pdf/3725060/publications.pdf](https://exaly.com/author-pdf/3725060/publications.pdf)

Version: 2025-02-01

246

PR articles

27,152

PR citations

2981

82

PR h-index

3807

160

g-index

262

documents

30691

doc citations

3144

88

h-index

22269

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Card9 and MyD88 differentially regulate Th17 immunity to the commensal yeast <i>Malassezia</i> in the murine skin. <i>Mucosal Immunology</i> , 2025, 18, 205-219.	6.7	3
2	ACO <sup>2</sup> sensing module modulates $\beta$ -1,3-glucan exposure in <i>Candida albicans</i>. <i>MBio</i> , 2024, 15, .	4.5	11
3	<i>Candida albicans</i> and <i>Candida glabrata</i> : global priority pathogens. <i>Microbiology and Molecular Biology Reviews</i> , 2024, 88, .	7.2	100
4	The pathobiology of human fungal infections. <i>Nature Reviews Microbiology</i> , 2024, 22, 687-704.	86.4	92
5	Toll-like receptor 4 (TLR4) is the major pattern recognition receptor triggering the protective effect of a <i>Candida albicans</i> extracellular vesicle-based vaccine prototype in murine systemic candidiasis. <i>MSphere</i> , 2024, 9, .	3.1	15
6	Strain and temperature dependent aggregation of <i>Candida auris</i> is attenuated by inhibition of surface amyloid proteins. <i>Cell Surface</i> , 2023, 10, 100110.	4.7	19
7	Fungal spore swelling and germination are restricted by the macrophage phagolysosome. <i>Fungal Biology</i> , 2023, 127, 1291-1297.	2.9	2
8	Dynamic calcium-mediated stress response and recovery signatures in the fungal pathogen, <i>Candida albicans</i>. <i>MBio</i> , 2023, 14, .	4.5	10
9	The role of the <i>Candida</i> biofilm matrix in drug and immune protection. <i>Cell Surface</i> , 2023, 10, 100111.	4.7	14
10	Top five unanswered questions in fungal cell surface research. <i>Cell Surface</i> , 2023, 10, 100114.	4.7	16
11	Fluconazole resistant <i>Candida auris</i> clinical isolates have increased levels of cell wall chitin and increased susceptibility to a glucosamine-6-phosphate synthase inhibitor. <i>Cell Surface</i> , 2022, 8, 100076.	4.7	23
12	Antifungal Exposure and Resistance Development: Defining Minimal Selective Antifungal Concentrations and Testing Methodologies. <i>Frontiers in Fungal Biology</i> , 2022, 3, .	3.5	24
13	The future of fungi: threats and opportunities. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	2.0	42
14	The importance of antimicrobial resistance in medical mycology. <i>Nature Communications</i> , 2022, 13, .	13.9	185
15	Nature of $\beta$ -1,3-Glucan-Exposing Features on <i>Candida albicans</i> Cell Wall and Their Modulation. <i>MBio</i> , 2022, 13, .	4.5	52
16	Architecture of the dynamic fungal cell wall. <i>Nature Reviews Microbiology</i> , 2022, 21, 248-259.	86.4	311
17	The nature of the fungal cargo induces significantly different temporal programmes of macrophage phagocytosis. <i>Cell Surface</i> , 2022, 8, 100082.	4.7	4
18	Sphingolipidomics of drug resistant <i>Candida auris</i> clinical isolates reveal distinct sphingolipid species signatures. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158815.	2.4	22

#	ARTICLE	IF	PR CITATIONS
19	The protein kinase Ire1 impacts pathogenicity of <i>Candida albicans</i> by regulating homeostatic adaptation to endoplasmic reticulum stress. Cellular Microbiology, Clonal evolution of <i>Candida albicans</i> , <i>Candida glabrata</i> and <i>Candida dubliniensis</i> at oral niche level in health and disease. Journal of Oral Microbiology, 2021, 13, .	1.4	29
20	Dependence on Mincle and Dectin-2 Varies With Multiple <i>Candida</i> Species During Systemic Infection. Frontiers in Microbiology, 2021, 12, .	3.9	21
21	Immune cells fold and damage fungal hyphae. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.8	46
22	Inactivating the mannose-ethanolamine phosphotransferase Gpi7 confers caspofungin resistance in the human fungal pathogen <i>Candida albicans</i> . Cell Surface, 2021, 7, 100057.	4.7	6
23	Fungal cell wall components modulate our immune system. Cell Surface, 2021, 7, 100067.	4.7	33
24	Crosstalk between the calcineurin and cell wall integrity pathways prevents chitin overexpression in <i>Candida albicans</i> . Journal of Cell Science, 2021, 134, .	2.5	25
25	Complement-Mediated Differential Immune Response of Human Macrophages to <i>Sporothrix</i> Species Through Interaction With Their Cell Wall Peptidorhamnomannans. Frontiers in Immunology, 2021, 12, .	5.1	15
26	Ifu5, a WW domain-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, .	1.4	5
27	A Weakened Immune Response to Synthetic Exo-Peptides Predicts a Potential Biosecurity Risk in the Retrieval of Exo-Microorganisms. Microorganisms, 2020, 8, 1066.	4.0	1
28	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.	4.7	58
29	Three Related Enzymes in <i>Candida albicans</i> Achieve Arginine- and Agmatine-Dependent Metabolism That Is Essential for Growth and Fungal Virulence. MBio, 2020, 11, .	4.5	27
30	Transcriptional and functional insights into the host immune response against the emerging fungal pathogen <i>Candida auris</i> . Nature Microbiology, 2020, 5, 1516-1531.	17.0	121
31	Scalar nanostructure of the <i>Candida albicans</i> cell wall; a molecular, cellular and ultrastructural analysis and interpretation. Cell Surface, 2020, 6, 100047.	4.7	87
32	Biosensors and Diagnostics for Fungal Detection. Journal of Fungi (Basel, Switzerland), 2020, 6, 349.	3.6	56
33	Threats Posed by the Fungal Kingdom to Humans, Wildlife, and Agriculture. MBio, 2020, 11, .	4.5	468
34	Advances in Molecular Tools and In Vivo Models for the Study of Human Fungal Pathogenesis. Microorganisms, 2020, 8, 803.	4.0	16
35	Epitope Shaving Promotes Fungal Immune Evasion. MBio, 2020, 11, .	4.5	72

#	ARTICLE	IF	PR CITATIONS
37	Erratum to "The cell surface" A new journal for transkingdom cell wall research [Cell Surface 1 (2018) 1]. Cell Surface, 2020, 6, 100034.	4.7	0
38	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.	4.5	74
39	Immune recognition of putative alien microbial structures: Host-pathogen interactions in the age of space travel. PLoS Pathogens, 2020, 16, e1008153.	4.5	11
40	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for Candida albicans Cell Wall Maintenance. MBio, 2020, 11, .	4.5	23
41	Pseudohyphal Growth of the Emerging Pathogen Candida auris Is Triggered by Genotoxic Stress through the S Phase Checkpoint. MSphere, 2020, 5, .	3.1	74
42	The pattern recognition receptors dectin-2, mincle, and FcR $\gamma$ 3 impact the dynamics of phagocytosis of Candida, Saccharomyces, Malassezia, and Mucor species. PLoS ONE, 2019, 14, e0220867.	2.4	30
43	ECMM CandiReg A ready to use platform for outbreaks and epidemiological studies. Mycoses, 2019, 62, 920-927.	3.2	24
44	Dependence on Dectin-1 Varies With Multiple Candida Species. Frontiers in Microbiology, 2019, 10, .	3.9	29
45	Candida albicans Factor H Binding Molecule Hgt1p 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, .	3.9	32
46	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, .	3.9	75
47	Rapid and extensive karyotype diversification in haploid clinical Candida auris isolates. Current Genetics, 2019, 65, 1217-1228.	1.5	60
48	Non-canonical signalling mediates changes in fungal cell wall PAMPs that drive immune evasion. Nature Communications, 2019, 10, .	13.9	109
49	Memory in Fungal Pathogens Promotes Immune Evasion, Colonisation, and Infection. Trends in Microbiology, 2019, 27, 219-230.	8.3	39
50	The Viscoelastic Properties of the Fungal Cell Wall Allow Traffic of AmBisome as Intact Liposome Vesicles. MBio, 2018, 9, .	4.5	167
51	Titan cell production in Cryptococcus neoformans reshapes the cell wall and capsule composition during infection. Cell Surface, 2018, 1, 15-24.	4.7	70
52	Hypoxia Promotes Immune Evasion by Triggering $\beta$ -Glucan Masking on the Candida albicans Cell Surface via Mitochondrial and cAMP-Protein Kinase A Signaling. MBio, 2018, 9, .	4.5	139
53	Gene Essentiality Analyzed by In Vivo Transposon Mutagenesis and Machine Learning in a Stable Haploid Isolate of Candida albicans. MBio, 2018, 9, .	4.5	147
54	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. Nature Communications, 2018, 9, .	13.9	80

#	ARTICLE	IF	PR CITATIONS
55	Yeast species-specific, differential inhibition of $\beta$ -1,3-glucan synthesis by poacic acid and caspofungin. <i>Cell Surface</i> , 2018, 3, 12-25.	4.7	51
56	Hog1 Regulates Stress Tolerance and Virulence in the Emerging Fungal Pathogen <i>Candida auris</i> . <i>MSphere</i> , 2018, 3, .	3.1	99
57	The mycoparasitic yeast <i>Saccharomycopsis schoenii</i> predated and kills multi-drug resistant <i>Candida auris</i> . <i>Scientific Reports</i> , 2018, 8, .	3.5	21
58	The type VI secretion system deploys antifungal effectors against microbial competitors. <i>Nature Microbiology</i> , 2018, 3, 920-931.	17.0	253
59	Drug-mediated metabolic tipping between antibiotic resistant states in a mixed-species community. <i>Nature Ecology and Evolution</i> , 2018, 2, 1312-1320.	10.7	23
60	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018, 5, 300-326.	3.2	112
61	Strategic Research Funding: A Success Story for Medical Mycology. <i>Trends in Microbiology</i> , 2018, 26, 811-813.	8.3	11
62	Cell walls of the dimorphic fungal pathogens <i>Sporothrix schenckii</i> and <i>Sporothrix brasiliensis</i> exhibit bilaminar structures and sloughing of extensive and intact layers. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006169.	3.1	74
63	<i>Candida albicans</i> Chitin Increases Arginase-1 Activity in Human Macrophages, with an Impact on Macrophage Antimicrobial Functions. <i>MBio</i> , 2017, 8, .	4.5	115
64	The Fungal Cell Wall: Structure, Biosynthesis, and Function. <i>Microbiology Spectrum</i> , 2017, 5, .	3.7	1,134
65	Macrophage Migration Is Impaired within <i>Candida albicans</i> Biofilms. <i>Journal of Fungi (Basel)</i> , 2017, 3, 27. <small>BT / Overlock 10</small>	3.6	27
66	<i>Candida albicans</i> Yeast, Pseudohyphal, and Hyphal Morphogenesis Differentially Affects Immune Recognition. <i>Frontiers in Immunology</i> , 2017, 8, .	5.1	174
67	Phosphomannosylation and the Functional Analysis of the Extended <i>Candida albicans</i> MNN4-Like Gene Family. <i>Frontiers in Microbiology</i> , 2017, 8, .	3.9	31
68	Zinc Limitation Induces a Hyper-Adherent Goliath Phenotype in <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2017, 8, .	3.9	56
69	Microbe Profile: <i>Candida albicans</i> : a shape-changing, opportunistic pathogenic fungus of humans. <i>Microbiology (United Kingdom)</i> , 2017, 163, 1145-1147.	2.9	139
70	Elevated catalase expression in a fungal pathogen is a double-edged sword of iron. <i>PLoS Pathogens</i> , 2017, 13, e1006405.	4.5	63
71	Medical mycology and fungal immunology: new research perspectives addressing a major world health challenge. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150462.	3.7	61
72	Tackling emerging fungal threats to animal health, food security and ecosystem resilience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160332.	3.7	129

#	ARTICLE	IF	PR CITATIONS
73	The Role of Dectin-2 for Host Defense Against Disseminated Candidiasis. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 267-276.	1.7	57
74	Drug resistance in eukaryotic microorganisms. <i>Nature Microbiology</i> , 2016, 1, .	17.0	133
75	The importance of subclasses of chitin synthase enzymes with myosin-like domains for the fitness of fungi. <i>Fungal Biology Reviews</i> , 2016, 30, 1-14.	5.1	43
76	Interactions of fungal pathogens with phagocytes. <i>Nature Reviews Microbiology</i> , 2016, 14, 163-176.	86.4	655
77	Lactate signalling regulates fungal $\beta$ -glucan masking and immune evasion. <i>Nature Microbiology</i> , 2016, 2, .	17.0	251
78	Clonal Strain Persistence of <i>Candida albicans</i> Isolates from Chronic Mucocutaneous Candidiasis Patients. <i>PLoS ONE</i> , 2016, 11, e0145888.	2.4	30
79	The Rewiring of Ubiquitination Targets in a Pathogenic Yeast Promotes Metabolic Flexibility, Host Colonization and Virulence. <i>PLoS Pathogens</i> , 2016, 12, e1005566.	4.5	83
80	Contribution of Fdh3 and Glr1 to Glutathione Redox State, Stress Adaptation and Virulence in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2015, 10, e0126940.	2.4	44
81	Integrative Model of Oxidative Stress Adaptation in the Fungal Pathogen <i>Candida albicans</i> . <i>PLoS ONE</i> , 2015, 10, e0137750.	2.4	74
82	The <i>Candida albicans</i> Exocyst Subunit Sec6 Contributes to Cell Wall Integrity and Is a Determinant of Hyphal Branching. <i>Eukaryotic Cell</i> , 2015, 14, 684-697.	2.5	12
83	Rab14 Regulates Maturation of Macrophage Phagosomes Containing the Fungal Pathogen <i>Candida albicans</i> and Outcome of the Host-Pathogen Interaction. <i>Infection and Immunity</i> , 2015, 83, 1523-1535.	2.7	49
84	Cell Wall Remodeling Enzymes Modulate Fungal Cell Wall Elasticity and Osmotic Stress Resistance. <i>MBio</i> , 2015, 6, .	4.5	220
85	Caspofungin Treatment of <i>Aspergillus fumigatus</i> Results in ChsG-Dependent Upregulation of Chitin Synthesis and the Formation of Chitin-Rich Microcolonies. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5932-5941.	4.2	79
86	Cell wall protection by the <i>Candida albicans</i> class I chitin synthases. <i>Fungal Genetics and Biology</i> , 2015, 82, 264-276.	2.1	43
87	$\beta$ -1,2-Mannosyltransferases 1 and 3 Participate in Yeast and Hyphae O- and N-Linked Mannosylation and Alter <i>Candida albicans</i> Fitness During Infection. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.8	20
88	<i>Candida albicans</i> colonization and dissemination from the murine gastrointestinal tract: the influence of morphology and Th17 immunity. <i>Cellular Microbiology</i> , 2015, 17, 445-450.	1.4	73
89	Murine Model for <i>Fusarium oxysporum</i> Invasive Fusariosis Reveals Organ-Specific Structures for Dissemination and Long-Term Persistence. <i>PLoS ONE</i> , 2014, 9, e89920.	2.4	23
90	New Clox Systems for Rapid and Efficient Gene Disruption in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2014, 9, e100390.	2.4	40

#	ARTICLE	IF	PR CITATIONS
91	Hyphal Growth of Phagocytosed <i>Fusarium oxysporum</i> Causes Cell Lysis and Death of Murine Macrophages. <i>PLoS ONE</i> , 2014, 9, e101999.	2.4	10
92	Cdc42 GTPase dynamics control directional growth responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 811-816.	7.8	44
93	Fungal Chitin Dampens Inflammation through IL-10 Induction Mediated by NOD2 and TLR9 Activation. <i>PLoS Pathogens</i> , 2014, 10, e1004050.	4.5	269
94	<i>Candida albicans</i> Hypha Formation and Mannan Masking of $\beta$ -Glucan Inhibit Macrophage Phagosome Maturation. <i>MBio</i> , 2014, 5, .	4.5	159
95	Expansion of Foxp3 <sup>+</sup> T <sub>H</sub> 17 cell populations by <i>Candida albicans</i> enhances both Th17 cell responses and fungal dissemination after intravenous challenge. <i>European Journal of Immunology</i> , 2014, 44, 1069-1083.	3.2	63
96	Trained Immunity or Tolerance: Opposing Functional Programs Induced in Human Monocytes after Engagement of Various Pattern Recognition Receptors. <i>Vaccine Journal</i> , 2014, 21, 534-545.	3.0	321
97	Metabolism impacts upon <i>Candida</i> immunogenicity and pathogenicity at multiple levels. <i>Trends in Microbiology</i> , 2014, 22, 614-622.	8.3	258
98	Role of Dectin-2 for Host Defense against Systemic Infection with <i>Candida glabrata</i> . <i>Infection and Immunity</i> , 2014, 82, 1064-1073.	2.7	108
99	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> , 2014, 5, .	4.5	94
100	Fungal model systems and the elucidation of pathogenicity determinants. <i>Fungal Genetics and Biology</i> , 2014, 70, 42-67.	2.1	158
101	Modulation of <i>Alternaria infectoria</i> Cell Wall Chitin and Glucan Synthesis by Cell Wall Synthase Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2894-2904.	4.2	32
102	AIDS-related mycoses: the way forward. <i>Trends in Microbiology</i> , 2014, 22, 107-109.	8.3	32
103	Regulation of vectorial supply of vesicles to the hyphal tip determines thigmotropism in <i>Neurospora crassa</i> . <i>Fungal Biology</i> , 2014, 118, 287-294.	2.9	25
104	Novel insights into host-fungal pathogen interactions derived from live-cell imaging. <i>Seminars in Immunopathology</i> , 2014, 37, 131-139.	8.3	35
105	Role Of Analytical Accounting Information In Budget Advocacy. <i>Muthanna Journal of Administrative and Economics Sciences</i> , 2014, 4, .	0.0	0
106	Reporters for the analysis of N-glycosylation in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2013, 56, 107-115.	2.1	6
107	Elevated Chitin Content Reduces the Susceptibility of <i>Candida</i> Species to Caspofungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 146-154.	4.2	195
108	Altered Dynamics of <i>Candida albicans</i> Phagocytosis by Macrophages and PMNs When Both Phagocyte Subsets Are Present. <i>MBio</i> , 2013, 4, .	4.5	58

#	ARTICLE	IF	PR CITATIONS
109	Differential Adaptation of <i>Candida albicans</i> In Vivo Modulates Immune Recognition by Dectin-1. <i>PLoS Pathogens</i> , 2013, 9, e1003315.	4.5	203
110	The Mnn2 Mannosyltransferase Family Modulates Mannoprotein Fibril Length, Immune Recognition and Virulence of <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003276.	4.5	124
111	<i>Candida albicans</i> Primes TLR Cytokine Responses through a Dectin-1/Raf-1 Mediated Pathway. <i>Journal of Immunology</i> , 2013, 190, 4129-4135.	0.6	66
112	Cell wall stress induces alternative fungal cytokinesis and septation strategies. <i>Journal of Cell Science</i> , 2013, , .	2.5	38
113	Mannosylation in <i>Candida albicans</i> : role in cell wall function and immune recognition. <i>Molecular Microbiology</i> , 2013, 90, 1147-1161.	2.7	203
114	Differential Virulence of <i>Candida glabrata</i> Glycosylation Mutants. <i>Journal of Biological Chemistry</i> , 2013, 288, 22006-22018.	2.3	62
115	Live-cell Video Microscopy of Fungal Pathogen Phagocytosis. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	22
116	Anti- <i>Candida</i> Targets and Cytotoxicity of Casuarinin Isolated from <i>Plinia cauliflora</i> Leaves in a Bioactivity-Guided Study. <i>Molecules</i> , 2013, 18, 8095-8108.	4.3	20
117	From START to FINISH: The Influence of Osmotic Stress on the Cell Cycle. <i>PLoS ONE</i> , 2013, 8, e68067.	2.4	28
118	Cytosolic Phospholipase A2 and Eicosanoids Regulate Expression of Genes in Macrophages Involved in Host Defense and Inflammation. <i>PLoS ONE</i> , 2013, 8, e69002.	2.4	38
119	Does <i>Candida Albicans</i> Play a Role in the Etiology of Endometriosis?. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2013, 5, 2-9.	0.5	2
120	Stage Specific Assessment of <i>Candida albicans</i> Phagocytosis by Macrophages Identifies Cell Wall Composition and Morphogenesis as Key Determinants. <i>PLoS Pathogens</i> , 2012, 8, e1002578.	4.5	133
121	Elevated Cell Wall Chitin in <i>Candida albicans</i> Confers Echinocandin Resistance <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 208-217.	4.2	204
122	The Evolutionary Rewiring of Ubiquitination Targets Has Reprogrammed the Regulation of Carbon Assimilation in the Pathogenic Yeast <i>Candida albicans</i> . <i>MBio</i> , 2012, 3, .	4.5	116
123	Hidden Killers: Human Fungal Infections. <i>Science Translational Medicine</i> , 2012, 4, .	13.4	3,992
124	Non-lytic expulsion/exocytosis of <i>Candida albicans</i> from macrophages. <i>Fungal Genetics and Biology</i> , 2012, 49, 677-678.	2.1	100
125	<i>Candida albicans</i> infection inhibits macrophage cell division and proliferation. <i>Fungal Genetics and Biology</i> , 2012, 49, 679-680.	2.1	27
126	Combinatorial stresses kill pathogenic <i>Candida</i> species. <i>Medical Mycology</i> , 2012, 50, 699-709.	0.6	88

#	ARTICLE	IF	PR CITATIONS
127	Nitrosative stress and combinatorial stresses in the pathogen <i>Candida albicans</i> . <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 27, S44.	3.1	0
128	Biochemical characterization of recombinant <i>Candida albicans</i> mannosyltransferases Mnt1, Mnt2 and Mnt5 reveals new functions in O- and N-mannan biosynthesis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 77-82.	2.1	47
129	Î²(1,3)-glucan synthase complex from <i>Alternaria infectoria</i> , a rare dematiaceous human pathogen. <i>Medical Mycology</i> , 2012, 50, 716-725.	0.6	16
130	Identification of vacuole defects in fungi. <i>Journal of Microbiological Methods</i> , 2012, 91, 155-163.	1.8	40
131	A case for case reportsâ€™ And a new publishing platform for clinical mycology. <i>Medical Mycology Case Reports</i> , 2012, 1, 17-18.	1.3	1
132	Host carbon sources modulate cell wall architecture, drug resistance and virulence in a fungal pathogen. <i>Cellular Microbiology</i> , 2012, 14, 1319-1335.	1.4	316
133	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> , 2011, , 1-12.	0.6	39
134	Recognition and Blocking of Innate Immunity Cells by <i>Candida albicans</i> Chitin. <i>Infection and Immunity</i> , 2011, 79, 1961-1970.	2.7	194
135	Nitric oxide and nitrosative stress tolerance in yeast. <i>Biochemical Society Transactions</i> , 2011, 39, 219-223.	4.2	47
136	Wild-type <i>Drosophila melanogaster</i> as an alternative model system for investigating the pathogenicity of <i>Candida albicans</i> . <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 504-514.	2.0	50
137	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> , 2011, 79, 146-152.	2.7	16
138	Fig1 Facilitates Calcium Influx and Localizes to Membranes Destined To Undergo Fusion during Mating in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2011, 10, 435-444.	2.5	37
139	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> . <i>Journal of Leukocyte Biology</i> , 2011, 90, 357-366.	3.0	180
140	<i>Candida albicans</i> Cell Wall Glycosylation May Be Indirectly Required for Activation of Epithelial Cell Proinflammatory Responses. <i>Infection and Immunity</i> , 2011, 79, 4902-4911.	2.7	49
141	<i>Candida albicans</i> morphogenesis and host defence: discriminating invasion from colonization. <i>Nature Reviews Microbiology</i> , 2011, 10, 112-122.	86.4	812
142	A Multifunctional Mannosyltransferase Family in <i>Candida albicans</i> Determines Cell Wall Mannan Structure and Host-Fungus Interactions. <i>Journal of Biological Chemistry</i> , 2010, 285, 12087-12095.	2.3	115
143	Phosphorylation regulates polarisation of chitin synthesis in <i>Candida albicans</i> . <i>Journal of Cell Science</i> , 2010, 123, 2199-2206.	2.5	36
144	<i>Pseudomonas aeruginosa</i> secreted factors impair biofilm development in <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 1476-1486.	2.9	77

#	ARTICLE	IF	PR CITATIONS
145	CO2 Acts as a Signalling Molecule in Populations of the Fungal Pathogen <i>Candida albicans</i> . PLoS Pathogens, 2010, 6, e1001193.	4.5	117
146	Fungal echinocandin resistance. Fungal Genetics and Biology, 2010, 47, 117-126.	2.1	256
147	Melanin Externalization in <i>Candida albicans</i> Depends on Cell Wall Chitin Structures. Eukaryotic Cell, 2010, 9, 1329-1342.	2.5	99
148	Variable recognition of <i>Candida albicans</i> strains by TLR4 and lectin recognition receptors. Medical Mycology, 2010, 48, 897-903.	0.6	67
149	Property Differences among the Four Major <i>Candida albicans</i> Strain Clades. Eukaryotic Cell, 2009, 8, 373-387.	2.5	160
150	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.	2.7	102
151	Loss of mannosylphosphate from <i>Candida albicans</i> 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.	2.9	62
152	Glucose Promotes Stress Resistance in the Fungal Pathogen <i>Candida albicans</i> . Molecular Biology of the Cell, 2009, 20, 4845-4855.	2.5	194
153	Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1 $\beta$ Production by the Fungal Pathogen <i>Candida albicans</i> . Journal of Infectious Diseases, 2009, 199, 1087-1096.	3.9	71
154	Pseudohypha budding patterns of <i>Candida albicans</i> . Medical Mycology, 2009, 47, 268-275.	0.6	40
155	Fungal Morphogenesis: Some Like It Hot. Current Biology, 2009, 19, R333-R334.	3.7	8
156	Dissection of the <i>Candida albicans</i> class I chitin synthase promoters. Molecular Genetics and Genomics, 2009, 281, .	1.9	31
157	Proteomic and phenotypic profiling of the amphibian pathogen <i>Batrachochytrium dendrobatidis</i> shows that genotype is linked to virulence. Molecular Ecology, 2009, 18, 415-429.	3.7	145
158	Vacuole inheritance regulates cell size and branching frequency of <i>Candida albicans</i> hyphae. Molecular Microbiology, 2009, 71, 505-519.	2.7	47
159	Calcium homeostasis is required for contact-dependent helical and sinusoidal tip growth in <i>Candida albicans</i> hyphae. Molecular Microbiology, 2009, 71, 1155-1164.	2.7	67
160	Evolution of pathogenicity and sexual reproduction in eight <i>Candida</i> genomes. Nature, 2009, 459, 657-662.	39.5	1,046
161	<i>Candida albicans</i> ABG1 gene is involved in endocytosis. FEMS Yeast Research, 2009, 9, 293-300.	2.4	7
162	Genome-wide analysis of <i>Candida albicans</i> gene expression patterns during infection of the mammalian kidney. Fungal Genetics and Biology, 2009, 46, 210-219.	2.1	95

#	ARTICLE	IF	PR CITATIONS
163	Comparative genomics of the fungal pathogens <i>Candida dubliniensis</i> and <i>Candida albicans</i> . <i>Genome Research</i> , 2009, 19, 2231-2244.	4.6	211
164	Comparative genomics of MAP kinase and calcium-calcieneurin signalling components in plant and human pathogenic fungi. <i>Fungal Genetics and Biology</i> , 2009, 46, 287-298.	2.1	327
165	Early-Expressed Chemokines Predict Kidney Immunopathology in Experimental Disseminated <i>Candida albicans</i> Infections. <i>PLoS ONE</i> , 2009, 4, e6420.	2.4	74
166	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008, 38, 500-506.	3.2	342
167	Cell wall glycans and soluble factors determine the interactions between the hyphae of <i>Candida albicans</i> and <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 2008, 287, 48-55.	2.0	87
168	Mixed <i>Candida albicans</i> strain populations in colonized and infected mucosal tissues. <i>FEMS Yeast Research</i> , 2008, 8, 1334-1338.	2.4	44
169	Vacuolar dynamics during the morphogenetic transition in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2008, 8, 1339-1348.	2.4	25
170	An integrated model of the recognition of <i>Candida albicans</i> by the innate immune system. <i>Nature Reviews Microbiology</i> , 2008, 6, 67-78.	86.4	820
171	Comparison of <i>Candida albicans</i> strain types among isolates from three countries. <i>International Journal of Medical Microbiology</i> , 2008, 298, 663-668.	2.9	21
172	Molecular phylogenetic analysis of <i>Candida tropicalis</i> isolates by multi-locus sequence typing. <i>Fungal Genetics and Biology</i> , 2008, 45, 1040-1042.	2.1	22
173	Functional analysis of <i>Candida albicans</i> GPI-anchored proteins: Roles in cell wall integrity and caspofungin sensitivity. <i>Fungal Genetics and Biology</i> , 2008, 45, 1404-1414.	2.1	240
174	Mitochondrial haplotypes and recombination in <i>Candida albicans</i> . <i>Medical Mycology</i> , 2008, 46, 647-654.	0.6	18
175	Internuclear gene silencing in <i>Phytophthora infestans</i> is established through chromatin remodelling. <i>Microbiology (United Kingdom)</i> , 2008, 154, 1482-1490.	2.9	76
176	Dendritic Cell Interaction with <i>Candida albicans</i> Critically Depends on N-Linked Mannan. <i>Journal of Biological Chemistry</i> , 2008, 283, 20590-20599.	2.3	225
177	Stimulation of Chitin Synthesis Rescues <i>Candida albicans</i> from Echinocandins. <i>PLoS Pathogens</i> , 2008, 4, e1000040.	4.5	390
178	An Internal Polarity Landmark Is Important for Externally Induced Hyphal Behaviors in <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2008, 7, 712-720.	2.5	58
179	Kex2 protease converts the endoplasmic reticulum $\beta$ -1,2-mannosidase of <i>Candida albicans</i> into a soluble cytosolic form. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3782-3794.	2.9	17
180	Immune Recognition of <i>Candida albicans</i> $\beta$ -glucan by Dectin-1. <i>Journal of Infectious Diseases</i> , 2007, 196, 1565-1571.	3.9	299

#	ARTICLE	IF	PR CITATIONS
181	Candida albicans Iff11, a Secreted Protein Required for Cell Wall Structure and Virulence. Infection and Immunity, 2007, 75, 2922-2928.	2.7	45
182	Molecular Phylogenetics of Candida albicans. Eukaryotic Cell, 2007, 6, 1041-1052.	2.5	303
183	Strain Typing and Determination of Population Structure of Candida krusei by Multilocus Sequence Typing. Journal of Clinical Microbiology, 2007, 45, 317-323.	4.1	73
184	Endoplasmic Reticulum Î±-Glycosidases of <i>Candida albicans</i> Are Required for N Glycosylation, Cell Wall Integrity, and Normal Host-Fungus Interaction. Eukaryotic Cell, 2007, 6, 2184-2193.	2.5	137
185	One year prospective survey of Candida bloodstream infections in Scotland. Journal of Medical Microbiology, 2007, 56, 1066-1075.	1.6	169
186	Azole antifungals induce up-regulation of SAP4, SAP5 and SAP6 secreted proteinase genes in filamentous Candida albicans cells in vitro and in vivo. Journal of Antimicrobial Chemotherapy, 2007, 61, 315-322.	3.2	14
187	Developmental Regulation of an Adhesin Gene during Cellular Morphogenesis in the Fungal Pathogen Candida albicans. Eukaryotic Cell, 2007, 6, 682-692.	2.5	111
188	Infection-related gene expression in Candida albicans. Current Opinion in Microbiology, 2007, 10, 307-313.	7.1	140
189	The PKC, HOG and Ca <sup>2+</sup> signalling pathways co-ordinately regulate chitin synthesis in Candida albicans. Molecular Microbiology, 2007, 63, 1399-1413.	2.7	307
190	Individual chitin synthase enzymes synthesize microfibrils of differing structure at specific locations in the <i>Candida albicans</i> cell wall. Molecular Microbiology, 2007, 66, 1164-1173.	2.7	90
191	Hyphal Orientation of Candida albicans Is Regulated by a Calcium-Dependent Mechanism. Current Biology, 2007, 17, 347-352.	3.7	152
192	Niche-specific regulation of central metabolic pathways in a fungal pathogen. Cellular Microbiology, 2006, 8, 961-971.	1.4	348
193	Outer Chain N-Glycans Are Required for Cell Wall Integrity and Virulence of Candida albicans. Journal of Biological Chemistry, 2006, 281, 90-98.	2.3	225
194	Candida albicans VAC8 Is Required for Vacuolar Inheritance and Normal Hyphal Branching. Eukaryotic Cell, 2006, 5, 359-367.	2.5	35
195	Immune sensing of Candida albicans requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. Journal of Clinical Investigation, 2006, 116, 1642-1650.	9.0	677
196	Fungal Genomics: Forensic Evidence of Sexual Activity. Current Biology, 2005, 15, R509-R511.	3.7	11
197	Report on a meeting "New Zealand Microbiology Society" Microbes outside the square™ Palmerston North, 17-19th November, 2005. The Mycologist, 2005, 19, 71.	0.2	0
198	Global Role of the Protein Kinase Gcn2 in the Human Pathogen Candida albicans. Eukaryotic Cell, 2005, 4, 1687-1696.	2.5	62

#	ARTICLE	IF	PR CITATIONS
199	Population Structure and Properties of <i>Candida albicans</i> , as Determined by Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5601-5613.	4.1	196
200	Mnt1p and Mnt2p of <i>Candida albicans</i> Are Partially Redundant $\alpha$ -1,2-Mannosyltransferases That Participate in O-Linked Mannosylation and Are Required for Adhesion and Virulence. <i>Journal of Biological Chemistry</i> , 2005, 280, 1051-1060.	2.3	193
201	and <i>Candida metapsilosis</i> spp. nov. To Replace <i>Candida parapsilosis</i> ABC1, a Novel and Essential	4.1	557
202	<i>Candida albicans</i> Gene Encoding a Vacuolar Protein Involved in Cytokinesis and Hyphal Branching. <i>Eukaryotic Cell</i> , 2005, 4, 1088-1101.	2.5	22
203	Exposure of <i>Candida albicans</i> to antifungal agents affects expression of SAP2 and SAP9 secreted proteinase genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 645-654.	3.2	110
204	<i>Candida albicans</i> Pmr1p, a Secretory Pathway P-type Ca <sup>2+</sup> /Mn <sup>2+</sup> -ATPase, Is Required for Glycosylation and Virulence. <i>Journal of Biological Chemistry</i> , 2005, 280, 23408-23415.	2.3	191
205	Multilocus Sequence Typing for Differentiation of Strains of <i>Candida tropicalis</i> . <i>Journal of Clinical Microbiology</i> , 2005, 43, 5593-5600.	4.1	147
206	Potassium homeostasis influences the locomotion and encystment of zoospores of plant pathogenic oomycetes. <i>Fungal Genetics and Biology</i> , 2005, 42, 213-223.	2.1	57
207	Independent regulation of chitin synthase and chitinase activity in <i>Candida albicans</i> and <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 921-928.	2.9	94
208	<i>Candida albicans</i> mutants in the BNI4 gene have reduced cell-wall chitin and alterations in morphogenesis. <i>Microbiology (United Kingdom)</i> , 2004, 150, 3243-3252.	2.9	14
209	URA3 Can Influence the Virulence Phenotypes and Proteome of <i>Candida albicans</i> but Can Be Overcome by Targeted Reintegration of URA3	2.5	273
210	Loss of Cell Wall Mannosylphosphate in <i>Candida albicans</i> Does Not Influence Macrophage Recognition. <i>Journal of Biological Chemistry</i> , 2004, 279, 39628-39635.	2.3	131
211	The <i>Candida albicans</i> pH-regulated KER1 gene encodes a lysine/glutamic-acid-rich plasma-membrane protein that is involved in cell aggregation. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2641-2651.	2.9	7
212	Homologous recombination in <i>Candida albicans</i> : role of CaRad52p in DNA repair, integration of linear DNA fragments and telomere length. <i>Molecular Microbiology</i> , 2004, 53, 1177-1194.	2.7	57
213	New angles in mycology: studies in directional growth and directional motility. <i>Mycological Research</i> , 2004, 108, 5-13.	2.4	29
214	Chs1 of <i>Candida albicans</i> is an essential chitin synthase required for synthesis of the septum and for cell integrity. <i>Molecular Microbiology</i> , 2004, 39, 1414-1426.	2.7	145
215	GFP as a quantitative reporter of gene regulation in <i>Candida albicans</i> . <i>Yeast</i> , 2004, 21, 333-340.	2.5	128
216	Genetic evidence for recombination in <i>Candida albicans</i> based on haplotype analysis. <i>Fungal Genetics and Biology</i> , 2004, 41, 553-562.	2.1	72

#	ARTICLE	IF	PR CITATIONS
217	The distinct morphogenic states of <i>Candida albicans</i> . <i>Trends in Microbiology</i> , 2004, 12, 317-324.	8.3	779
218	Proteomic analysis of asexual development of <i>Phytophthora palmivora</i> . <i>Mycological Research</i> , 2003, 107, 395-400.	2.4	40
219	<i>Candida albicans</i> binds human plasminogen: identification of eight plasminogen-binding proteins. <i>Molecular Microbiology</i> , 2003, 47, 1637-1651.	2.7	244
220	Advances in research on oomycete root pathogens. <i>Physiological and Molecular Plant Pathology</i> , 2003, 62, 99-113.	3.5	137
221	CHS8 is a fourth chitin synthase gene of <i>Candida albicans</i> contributes to in vitro chitin synthase activity, but is dispensable for growth. <i>Fungal Genetics and Biology</i> , 2003, 40, 146-158.	2.1	81
222	Antifungal agents: mechanisms of action. <i>Trends in Microbiology</i> , 2003, 11, 272-279.	8.3	1,062
223	EST Mining and Functional Expression Assays Identify Extracellular Effector Proteins From the Plant Pathogen <i>Phytophthora</i> . <i>Genome Research</i> , 2003, 13, 1675-1685.	4.6	346
224	Asynchronous Cell Cycle and Asymmetric Vacuolar Inheritance in True Hyphae of <i>Candida albicans</i> . <i>Eukaryotic Cell</i> , 2003, 2, 398-410.	2.5	79
225	Optimization and Validation of Multilocus Sequence Typing for <i>Candida albicans</i> . <i>Journal of Clinical Microbiology</i> , 2003, 41, 3765-3776.	4.1	131
226	Foreword to articles on Medical Mycology. <i>The Mycologist</i> , 2003, 17, 49-50.	0.2	0
227	<i>Candida albicans</i> - a fungal Dr Jekyll and Mr Hyde. <i>The Mycologist</i> , 2002, 16, .	0.2	0
228	The zygomycetous fungus, <i>Benjaminiella poitrasii</i> contains a large family of differentially regulated chitin synthase genes. <i>Fungal Genetics and Biology</i> , 2002, 36, 215-223.	2.1	22
229	Fungal morphogenesis and host invasion. <i>Current Opinion in Microbiology</i> , 2002, 5, 366-371.	7.1	426
230	Co-operating to compete in high velocity global markets: The strategic role of flexible supply chain architectures. <i>Journal on Chain and Network Science</i> , 2002, 2, 19-32.	1.7	15
231	Survival in experimental <i>Candida albicans</i> infections depends on inoculum growth conditions as well as animal host. <i>Microbiology (United Kingdom)</i> , 2000, 146, 1881-1889.	2.9	70
232	Regulatory networks controlling <i>Candida albicans</i> morphogenesis. <i>Trends in Microbiology</i> , 1999, 7, 333-338.	8.3	286
233	Molecular cloning and characterization of a <i>Candida albicans</i> gene coding for cytochrome <i>c</i> haem lyase and a cell wall-related protein. <i>Molecular Microbiology</i> , 1998, 30, 67-81.	2.7	16
234	<i>Candida dubliniensis</i> : phylogeny and putative virulence factors. <i>Microbiology (United Kingdom)</i> , 1998, 144, 829-838.	2.9	177

#	ARTICLE	IF	PR CITATIONS
235	Molecular analysis of CaMnt1p, a mannosyl transferase important for adhesion and virulence of <i>Candida albicans</i> . Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7670-7675.	7.8	137
236	Yeast-enhanced green fluorescent protein (yEGFP): a reporter of gene expression in <i>Candida albicans</i> . Microbiology (United Kingdom), 1997, 143, 303-311.	2.9	576
237	<i>Aspergillus fumigatus</i> chsE: A Gene Related to CHS3 of <i>Saccharomyces cerevisiae</i> and Important for Hyphal Growth and Conidiophore Development but Not Pathogenicity. Fungal Genetics and Biology, 1997, 21, 141-152.	2.1	117
238	Special <i>Candida</i> issue. Microbiology (United Kingdom), 1997, 143, 277-278.	2.9	1
239	Signal transduction through homologs of the Ste20p and Ste7p protein kinases can trigger hyphal formation in the pathogenic fungus <i>Candida albicans</i> . Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13217-13222.	7.8	322
240	Structure and regulation of the <i>Candida albicans</i> ADH1 gene encoding an immunogenic alcohol dehydrogenase. , 1996, 12, 115-127.		91
241	The <i>Aspergillus fumigatus</i> chsC and chsG genes encode Class III chitin synthases with different functions. Molecular Microbiology, 1996, 20, 667-679.	2.7	146
242	Directed Growth of Fungal Hyphae in an Electric Field. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1990, 45, 306-314.	1.8	9
243	Correlation between Root-Generated Ionic Currents, pH, Fusicoccin, Indoleacetic Acid, and Growth of the Primary Root of <i>Zea mays</i> . Plant Physiology, 1989, 89, 1198-1206.	5.5	52
244	Changes in internal and external pH accompanying growth of <i>Candida albicans</i> : studies of non-dimorphic variants. Archives of Microbiology, 1989, 151, 149-153.	2.5	36
245	Correlation between profile of ion-current circulation and root development. Physiologia Plantarum, 1989, 75, 102-108.	3.6	40
246	Cytological Aspects of Dimorphism in <i>Candida Albicans</i> . CRC Critical Reviews in Microbiology, 1987, 15, 73-78.	5.1	50