Scott G Filler

List of Publications by Citations

239 papers	19,265 citations	69 h-index	135 g-index
263 ext. papers	22,387 ext. citations	7.6 avg, IF	6.37 L-index

#	Paper	IF	Citations
239	Clinical practice guidelines for the management of candidiasis: 2009 update by the Infectious Diseases Society of America. *Clinical Infectious Diseases*, **2009**, 48, 503-35	11.6	2247
238	Guidelines for treatment of candidiasis. *Clinical Infectious Diseases*, **2004**, 38, 161-89	11.6	1131
237	Daptomycin versus standard therapy for bacteremia and endocarditis caused by Staphylococcus aureus. *New England Journal of Medicine*, **2006**, 355, 653-65	59.2	1114
236	Th17 cells and IL-17 receptor signaling are essential for mucosal host defense against oral candidiasis. *Journal of Experimental Medicine*, **2009**, 206, 299-311	16.6	756
235	Practice guidelines for the treatment of candidiasis. Infectious Diseases Society of America. *Clinical Infectious Diseases*, **2000**, 30, 662-78	11.6	700
234	Als3 is a Candida albicans invasin that binds to cadherins and induces endocytosis by host cells. *PLoS Biology*, **2007**, 5, e64	9.7	398
233	Critical role of Bcr1-dependent adhesins in C. albicans biofilm formation in vitro and in vivo. *PLoS Pathogens*, **2006**, 2, e63	7.6	387
232	International Conference for the Development of a Consensus on the Management and Prevention of Severe Candidal Infections. *Clinical Infectious Diseases*, **1997**, 25, 43-59	11.6	362
231	Combination polyene-caspofungin treatment of rhino-orbital-cerebral mucormycosis. *Clinical Infectious Diseases*, **2008**, 47, 364-71	11.6	345
230	Complementary adhesin function in C. albicans biofilm formation. *Current Biology*, **2008**, 18, 1017-24	6.3	247
229	Evidence implicating phospholipase as a virulence factor of Candida albicans. *Infection and Immunity*, **1995**, 63, 1993-8	3.7	236
228	the hyphal-associated adhesin and invasin Als3 of Candida albicans mediates iron acquisition from host ferritin. *PLoS Pathogens*, **2008**, 4, e1000217	7.6	223
227	Functional and structural diversity in the Als protein family of Candida albicans. *Journal of Biological Chemistry*, **2004**, 279, 30480-9	5.4	218
226	Candida albicans Als3, a multifunctional adhesin and invasin. *Eukaryotic Cell*, **2011**, 10, 168-73		206
225	Fungal invasion of normally non-phagocytic host cells. *PLoS Pathogens*, **2006**, 2, e129	7.6	198
224	Current treatment strategies for disseminated candidiasis. *Clinical Infectious Diseases*, **2006**, 42, 244-51	11.6	196
223	Aspergillus galactosaminogalactan mediates adherence to host constituents and conceals hyphal β-glucan from the immune system. *PLoS Pathogens*, **2013**, 9, e1003575	7.6	194

222	The Case for Adopting the "Species Complex" Nomenclature for the Etiologic Agents of Cryptococcosis. *MSphere*, **2017**, 2,	5	185
221	Candida albicans Als1p: an adhesin that is a downstream effector of the EFG1 filamentation pathway. *Molecular Microbiology*, **2002**, 44, 61-72	4.1	185
220	Phase I evaluation of the safety and pharmacokinetics of murine-derived anticryptococcal antibody 18B7 in subjects with treated cryptococcal meningitis. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 952-8	5.9	182
219	The endothelial cell receptor GRP78 is required for mucormycosis pathogenesis in diabetic mice. *Journal of Clinical Investigation*, **2010**, 120, 1914-24	15.9	172
218	Interactions of Candida albicans with epithelial cells. *Cellular Microbiology*, **2010**, 12, 273-82	3.9	168
217	Mechanism of fluconazole resistance in Candida krusei. *Antimicrobial Agents and Chemotherapy*, **1998**, 42, 2645-9	5.9	167
216	Mice with disseminated candidiasis die of progressive sepsis. *Journal of Infectious Diseases*, **2005**, 192, 336-43	7	165
215	Candida albicans Mds3p, a conserved regulator of pH responses and virulence identified through insertional mutagenesis. *Genetics*, **2002**, 162, 1573-81	4	160
214	Role of the fungal Ras-protein kinase A pathway in governing epithelial cell interactions during oropharyngeal candidiasis. *Cellular Microbiology*, **2005**, 7, 499-510	3.9	157
213	Role of hyphal formation in interactions of Candida albicans with endothelial cells. *Infection and Immunity*, **2000**, 68, 3485-90	3.7	156
212	Calcineurin is essential for Candida albicans survival in serum and virulence. *Eukaryotic Cell*, **2003**, 2, 422-30		149
211	Gliotoxin production in Aspergillus fumigatus contributes to host-specific differences in virulence. *Journal of Infectious Diseases*, **2008**, 197, 479-86	7	147
210	Efficacy of the anti-Candida rAls3p-N or rAls1p-N vaccines against disseminated and mucosal candidiasis. *Journal of Infectious Diseases*, **2006**, 194, 256-60	7	142
209	Systemic Staphylococcus aureus infection mediated by Candida albicans hyphal invasion of mucosal tissue. *Microbiology (United Kingdom)*, **2015**, 161, 168-181	2.9	139
208	NDV-3, a recombinant alum-adjuvanted vaccine for Candida and Staphylococcus aureus, is safe and immunogenic in healthy adults. *Vaccine*, **2012**, 30, 7594-600	4.1	138
207	Expression of the Candida albicans gene ALS1 in Saccharomyces cerevisiae induces adherence to endothelial and epithelial cells. *Infection and Immunity*, **1998**, 66, 1783-6	3.7	137
206	Acetylsalicylic acid reduces vegetation bacterial density, hematogenous bacterial dissemination, and frequency of embolic events in experimental Staphylococcus aureus endocarditis through antiplatelet and antibacterial effects. *Circulation*, **1999**, 99, 2791-7	16.7	134
205	Host cell invasion and virulence mediated by Candida albicans Ssa1. *PLoS Pathogens*, **2010**, 6, e1001181	7.6	129

204	Mouse model of oropharyngeal candidiasis. *Nature Protocols*, **2012**, 7, 637-42	18.8	128
203	A phase II randomized trial of amphotericin B alone or combined with fluconazole in the treatment of HIV-associated cryptococcal meningitis. *Clinical Infectious Diseases*, **2009**, 48, 1775-83	11.6	125
202	Candida albicans transcription factor Rim101 mediates pathogenic interactions through cell wall functions. *Cellular Microbiology*, **2008**, 10, 2180-96	3.9	124
201	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
200	The antifungal vaccine derived from the recombinant N terminus of Als3p protects mice against the bacterium Staphylococcus aureus. *Infection and Immunity*, **2008**, 76, 4574-80	3.7	120
199	CotH3 mediates fungal invasion of host cells during mucormycosis. *Journal of Clinical Investigation*, **2014**, 124, 237-50	15.9	115
198	Novel inhalational murine model of invasive pulmonary aspergillosis. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 1908-11	5.9	112
197	EGFR and HER2 receptor kinase signaling mediate epithelial cell invasion by Candida albicans during oropharyngeal infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 14194-9	11.5	110
196	Phase II, randomized, double-blind, multicenter study comparing the safety and pharmacokinetics of tefibazumab to placebo for treatment of Staphylococcus aureus bacteremia. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 2751-5	5.9	110
195	Candida albicans internalization by host cells is mediated by a clathrin-dependent mechanism. *Cellular Microbiology*, **2009**, 11, 1179-89	3.9	109
194	IL-17 Receptor Signaling in Oral Epithelial Cells Is Critical for Protection against Oropharyngeal Candidiasis. *Cell Host and Microbe*, **2016**, 20, 606-617	23.4	106
193	A forkhead transcription factor is important for true hyphal as well as yeast morphogenesis in Candida albicans. *Eukaryotic Cell*, **2002**, 1, 787-98		106
192	The Fungal Exopolysaccharide Galactosaminogalactan Mediates Virulence by Enhancing Resistance to Neutrophil Extracellular Traps. *PLoS Pathogens*, **2015**, 11, e1005187	7.6	104
191	The pH-responsive PacC transcription factor of Aspergillus fumigatus governs epithelial entry and tissue invasion during pulmonary aspergillosis. *PLoS Pathogens*, **2014**, 10, e1004413	7.6	99
190	Requirement for Candida albicans Sun41 in biofilm formation and virulence. *Eukaryotic Cell*, **2007**, 6, 2046-55		98
189	Role of trehalose biosynthesis in Aspergillus fumigatus development, stress response, and virulence. *Infection and Immunity*, **2010**, 78, 3007-18	3.7	97
188	Aspergillus fumigatus MedA governs adherence, host cell interactions and virulence. *Cellular Microbiology*, **2010**, 12, 473-88	3.9	96
187	The Aspergillus fumigatus StuA protein governs the up-regulation of a discrete transcriptional program during the acquisition of developmental competence. *Molecular Biology of the Cell*, **2005**, 16, 5866-79	3.5	96

186	Interactions of Aspergillus fumigatus with endothelial cells: internalization, injury, and stimulation of tissue factor activity. *Blood*, **2004**, 103, 2143-9	2.2	95
185	Reduced virulence of HWP1-deficient mutants of Candida albicans and their interactions with host cells. *Infection and Immunity*, **2000**, 68, 1997-2002	3.7	95
184	Cryptococcal immune reconstitution inflammatory syndrome after antiretroviral therapy in AIDS patients with cryptococcal meningitis: a prospective multicenter study. *Clinical Infectious Diseases*, **2009**, 49, 931-4	11.6	92
183	New model of oropharyngeal candidiasis in mice. *Antimicrobial Agents and Chemotherapy*, **2001**, 45, 3195-7	5.9	89
182	Relationship between Candida albicans virulence during experimental hematogenously disseminated infection and endothelial cell damage in vitro. *Infection and Immunity*, **2004**, 72, 598-601	3.7	87
181	EphA2 is an epithelial cell pattern recognition receptor for fungal β-glucans. *Nature Microbiology*, **2018**, 3, 53-61	26.6	87
180	N-cadherin mediates endocytosis of Candida albicans by endothelial cells. *Journal of Biological Chemistry*, **2005**, 280, 10455-61	5.4	86
179	CARD9 microglia promote antifungal immunity via IL-1β and CXCL1-mediated neutrophil recruitment. *Nature Immunology*, **2019**, 20, 559-570	19.1	83
178	Calcineurin controls drug tolerance, hyphal growth, and virulence in Candida dubliniensis. *Eukaryotic Cell*, **2011**, 10, 803-19		81
177	Genetic basis for differential activities of fluconazole and voriconazole against Candida krusei. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 1213-9	5.9	81
176	Divergent targets of Candida albicans biofilm regulator Bcr1 in vitro and in vivo. *Eukaryotic Cell*, **2012**, 11, 896-904		80
175	Tumor necrosis factor inhibition and invasive fungal infections. *Clinical Infectious Diseases*, **2005**, 41 Suppl 3, S208-12	11.6	77
174	A Fungal Immunotherapeutic Vaccine (NDV-3A) for Treatment of Recurrent Vulvovaginal Candidiasis-A Phase 2 Randomized, Double-Blind, Placebo-Controlled Trial. *Clinical Infectious Diseases*, **2018**, 66, 1928-1936	11.6	75
173	Overlapping and distinct roles of Aspergillus fumigatus UDP-glucose 4-epimerases in galactose metabolism and the synthesis of galactose-containing cell wall polysaccharides. *Journal of Biological Chemistry*, **2014**, 289, 1243-56	5.4	74
172	Functional analysis of the Candida albicans ALS1 gene product. *Yeast*, **2004**, 21, 473-82	3.4	74
171	Candida-host cell receptor-ligand interactions. *Current Opinion in Microbiology*, **2006**, 9, 333-9	7.9	73
170	Activation and alliance of regulatory pathways in C. albicans during mammalian infection. *PLoS Biology*, **2015**, 13, e1002076	9.7	69
169	An integrated genomic and transcriptomic survey of mucormycosis-causing fungi. *Nature Communications*, **2016**, 7, 12218	17.4	69

168	Vaccination with recombinant N-terminal domain of Als1p improves survival during murine disseminated candidiasis by enhancing cell-mediated, not humoral, immunity. *Infection and Immunity*, **2005**, 73, 999-1005	3.7	69
167	Mechanisms of the proinflammatory response of endothelial cells to Candida albicans infection. *Infection and Immunity*, **2000**, 68, 1134-41	3.7	69
166	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. *MBio*, **2016**, 7, e00252-16	7.8	65
165	Cryptococcus gattii VGIII isolates causing infections in HIV/AIDS patients in Southern California: identification of the local environmental source as arboreal. *PLoS Pathogens*, **2014**, 10, e1004285	7.6	65
164	Genome mining of a prenylated and immunosuppressive polyketide from pathogenic fungi. *Organic Letters*, **2013**, 15, 780-3	6.2	64
163	Candida albicans Ecm33p is important for normal cell wall architecture and interactions with host cells. *Eukaryotic Cell*, **2006**, 5, 140-7		64
162	A randomized study of the use of fluconazole in continuous versus episodic therapy in patients with advanced HIV infection and a history of oropharyngeal candidiasis: AIDS Clinical Trials Group Study 323/Mycoses Study Group Study 40. *Clinical Infectious Diseases*, **2005**, 41, 1473-80	11.6	64
161	Candida albicans CUG mistranslation is a mechanism to create cell surface variation. *MBio*, **2013**, 4,	7.8	63
160	Contribution of Candida albicans ALS1 to the pathogenesis of experimental oropharyngeal candidiasis. *Infection and Immunity*, **2002**, 70, 5256-8	3.7	63
159	The anti-Candida albicans vaccine composed of the recombinant N terminus of Als1p reduces fungal burden and improves survival in both immunocompetent and immunocompromised mice. *Infection and Immunity*, **2005**, 73, 6191-3	3.7	62
158	NDV-3 protects mice from vulvovaginal candidiasis through T- and B-cell immune response. *Vaccine*, **2013**, 31, 5549-56	4.1	61
157	Parenchymal organ, and not splenic, immunity correlates with host survival during disseminated candidiasis. *Infection and Immunity*, **2003**, 71, 5756-64	3.7	61
156	Current strategies for treating invasive candidiasis: emphasis on infections in nonneutropenic patients. *Clinical Infectious Diseases*, **1992**, 14 Suppl 1, S106-13	11.6	61
155	Elucidating the Candida albicans calcineurin signaling cascade controlling stress response and virulence. *Fungal Genetics and Biology*, **2010**, 47, 107-16	3.9	60
154	Adherence to and damage of endothelial cells by Cryptococcus neoformans in vitro: role of the capsule. *Infection and Immunity*, **1995**, 63, 4368-74	3.7	59
153	An RNA transport system in Candida albicans regulates hyphal morphology and invasive growth. *PLoS Genetics*, **2009**, 5, e1000664	6	58
152	Mechanisms of Candida albicans trafficking to the brain. *PLoS Pathogens*, **2011**, 7, e1002305	7.6	58
151	New signaling pathways govern the host response to C. albicans infection in various niches. *Genome Research*, **2015**, 25, 679-89	9.7	57

150	Methodologies for and evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. *Microbial Cell*, **2018**, 5, 300-326	3.9	57
149	Enantioselectivity of inhibition of cytochrome P450 3A4 (CYP3A4) by ketoconazole: Testosterone and methadone as substrates. *Chirality*, **2004**, 16, 79-85	2.1	57
148	Bicarbonate correction of ketoacidosis alters host-pathogen interactions and alleviates mucormycosis. *Journal of Clinical Investigation*, **2016**, 126, 2280-94	15.9	57
147	Microbial glycoside hydrolases as antibiofilm agents with cross-kingdom activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 7124-7129	11.5	56
146	Regulatory role of glycerol in Candida albicans biofilm formation. *MBio*, **2013**, 4, e00637-12	7.8	55
145	Comparison of three methodologies for the determination of pulmonary fungal burden in experimental murine aspergillosis. *Clinical Microbiology and Infection*, **2006**, 12, 376-80	9.5	53
144	Synergistic regulation of hyphal elongation by hypoxia, CO(2), and nutrient conditions controls the virulence of Candida albicans. *Cell Host and Microbe*, **2013**, 14, 499-509	23.4	51
143	Reversible fluconazole resistance in Candida albicans: a potential in vitro model. *Antimicrobial Agents and Chemotherapy*, **1997**, 41, 535-9	5.9	50
142	Secreted aspartyl proteinases and interactions of Candida albicans with human endothelial cells. *Infection and Immunity*, **1998**, 66, 3003-5	3.7	50
141	Severe candidal infections in neutropenic patients. *Clinical Infectious Diseases*, **1993**, 17 Suppl 2, S457-67	11.6	49
140	Aspergillus fumigatus CalA binds to integrin and mediates host cell invasion. *Nature Microbiology*, **2016**, 2, 16211	26.6	48
139	Aspergillus fumigatus AcuM regulates both iron acquisition and gluconeogenesis. *Molecular Microbiology*, **2010**, 78, 1038-54	4.1	48
138	Aspergillus fumigatus stimulates leukocyte adhesion molecules and cytokine production by endothelial cells in vitro and during invasive pulmonary disease. *Infection and Immunity*, **2008**, 76, 3429-38	3.7	48
137	Oropharyngeal Candidiasis: Fungal Invasion and Epithelial Cell Responses. *PLoS Pathogens*, **2017**, 13, e1006056	7.6	48
136	Mechanisms of NDV-3 vaccine efficacy in MRSA skin versus invasive infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E5555-63	11.5	47
135	Standardization of an experimental murine model of invasive pulmonary aspergillosis. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 3501-3	5.9	47
134	Candida albicans cell shaving uncovers new proteins involved in cell wall integrity, yeast to hypha transition, stress response and host-pathogen interaction. *Journal of Proteomics*, **2015**, 127, 340-351	3.9	46
133	Rapid Phenotypic and Genotypic Diversification After Exposure to the Oral Host Niche in. *Genetics*, **2018**, 209, 725-741	4	46

132	The Yak1 kinase is involved in the initiation and maintenance of hyphal growth in Candida albicans. *Molecular Biology of the Cell*, **2008**, 19, 2251-66	3.5	45
131	Candida albicans protein kinase CK2 governs virulence during oropharyngeal candidiasis. *Cellular Microbiology*, **2007**, 9, 233-45	3.9	45
130	Nonredundant Roles of Interleukin-17A (IL-17A) and IL-22 in Murine Host Defense against Cutaneous and Hematogenous Infection Due to Methicillin-Resistant Staphylococcus aureus. *Infection and Immunity*, **2015**, 83, 4427-37	3.7	44
129	Efficacy of liposomal amphotericin B and posaconazole in intratracheal models of murine mucormycosis. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 3340-7	5.9	44
128	Transcriptional responses of candida albicans to epithelial and endothelial cells. *Eukaryotic Cell*, **2009**, 8, 1498-510		42
127	In vivo analysis of Aspergillus fumigatus developmental gene expression determined by real-time reverse transcription-PCR. *Infection and Immunity*, **2008**, 76, 3632-9	3.7	41
126	Protective immunity in recurrent infection reflects localized immune signatures and macrophage-conferred memory. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E11111-E11119	11.5	41
125	Candidalysin Is Required for Neutrophil Recruitment and Virulence During Systemic Candida albicans Infection. *Journal of Infectious Diseases*, **2019**, 220, 1477-1488	7	39
124	Pharmacokinetics of posaconazole within epithelial cells and fungi: insights into potential mechanisms of action during treatment and prophylaxis. *Journal of Infectious Diseases*, **2013**, 208, 1717-28	7	39
123	The Aspergillus fumigatus transcription factor Ace2 governs pigment production, conidiation and virulence. *Molecular Microbiology*, **2009**, 72, 155-69	4.1	37
122	Host cell invasion by medically important fungi. *Cold Spring Harbor Perspectives in Medicine*, **2014**, 5, a019687	5.4	36
121	Proteome Analysis Reveals the Conidial Surface Protein CcpA Essential for Virulence of the Pathogenic Fungus. *MBio*, **2018**, 9,	7.8	36
120	The Aryl Hydrocarbon Receptor Governs Epithelial Cell Invasion during Oropharyngeal Candidiasis. *MBio*, **2017**, 8,	7.8	34
119	SR-like RNA-binding protein Slr1 affects Candida albicans filamentation and virulence. *Infection and Immunity*, **2013**, 81, 1267-76	3.7	33
118	SSD1 is integral to host defense peptide resistance in Candida albicans. *Eukaryotic Cell*, **2008**, 7, 1318-27		33
117	Endothelial cell injury caused by Candida albicans is dependent on iron. *Infection and Immunity*, **1998**, 66, 191-6	3.7	33
116	Unanticipated heterogeneity in growth rate and virulence among Candida albicans AAF1 null mutants. *Infection and Immunity*, **1999**, 67, 3193-8	3.7	33
115	Endocytosis of Candida albicans by vascular endothelial cells is associated with tyrosine phosphorylation of specific host cell proteins. *Cellular Microbiology*, **2002**, 4, 805-12	3.9	32

114	Role of endothelial cell septin 7 in the endocytosis of Candida albicans. *MBio*, **2013**, 4, e00542-13	7.8	31
113	Transcriptome profile of the vascular endothelial cell response to Candida albicans. *Journal of Infectious Diseases*, **2008**, 198, 193-202	7	31
112	Aberrant type 1 immunity drives susceptibility to mucosal fungal infections. *Science*, **2021**, 371,	33.3	31
111	AtrR Is an Essential Determinant of Azole Resistance in Aspergillus fumigatus. *MBio*, **2019**, 10,	7.8	30
110	GRP78 and Integrins Play Different Roles in Host Cell Invasion during Mucormycosis. *MBio*, **2020**, 11,	7.8	29
109	Candida albicans stimulates local expression of leukocyte adhesion molecules and cytokines in vivo. *Journal of Infectious Diseases*, **2002**, 186, 389-96	7	29
108	Role of Arf GTPases in fungal morphogenesis and virulence. *PLoS Pathogens*, **2017**, 13, e1006205	7.6	29
107	Inhibition of EGFR Signaling Protects from Mucormycosis. *MBio*, **2018**, 9,	7.8	28
106	Innate Immune Memory Contributes to Host Defense against Recurrent Skin and Skin Structure Infections Caused by Methicillin-Resistant Staphylococcus aureus. *Infection and Immunity*, **2017**, 85,	3.7	28
105	Anti-CotH3 antibodies protect mice from mucormycosis by prevention of invasion and augmenting opsonophagocytosis. *Science Advances*, **2019**, 5, eaaw1327	14.3	27
104	CX3CR1 is dispensable for control of mucosal Candida albicans infections in mice and humans. *Infection and Immunity*, **2015**, 83, 958-65	3.7	27
103	Using Bayesian modelling to investigate factors governing antibiotic-induced Candida albicans colonization of the GI tract. *Scientific Reports*, **2015**, 5, 8131	4.9	27
102	Fosmanogepix (APX001) Is Effective in the Treatment of Pulmonary Murine Mucormycosis Due to Rhizopus arrhizus. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	26
101	Polarized response of endothelial cells to invasion by Aspergillus fumigatus. *Cellular Microbiology*, **2009**, 11, 170-82	3.9	26
100	Cloning and characterization of CAD1/AAF1, a gene from Candida albicans that induces adherence to endothelial cells after expression in Saccharomyces cerevisiae. *Infection and Immunity*, **1998**, 66, 2078-84	3.7	25
99	Investigation of the function of Candida albicans Als3 by heterologous expression in Candida glabrata. *Infection and Immunity*, **2013**, 81, 2528-35	3.7	24
98	Role of Aspergillus fumigatus DvrA in host cell interactions and virulence. *Eukaryotic Cell*, **2010**, 9, 1432-40		24
97	Selection of Candida albicans trisomy during oropharyngeal infection results in a commensal-like phenotype. *PLoS Genetics*, **2019**, 15, e1008137	6	23

96	Role of retrograde trafficking in stress response, host cell interactions, and virulence of Candida albicans. *Eukaryotic Cell*, **2014**, 13, 279-87		23
95	In vitro endothelial cell damage is positively correlated with enhanced virulence and poor vancomycin responsiveness in experimental endocarditis due to methicillin-resistant Staphylococcus aureus. *Cellular Microbiology*, **2011**, 13, 1530-41	3.9	23
94	Divergent targets of Aspergillus fumigatus AcuK and AcuM transcription factors during growth in vitro versus invasive disease. *Infection and Immunity*, **2015**, 83, 923-33	3.7	22
93	Inhibiting mitochondrial phosphate transport as an unexploited antifungal strategy. *Nature Chemical Biology*, **2018**, 14, 135-141	11.7	21
92	EphA2 Is a Neutrophil Receptor for Candida albicans that Stimulates Antifungal Activity during Oropharyngeal Infection. *Cell Reports*, **2019**, 28, 423-433.e5	10.6	20
91	Divergent responses of different endothelial cell types to infection with Candida albicans and Staphylococcus aureus. *PLoS ONE*, **2012**, 7, e39633	3.7	20
90	Candida albicans White-Opaque Switching Influences Virulence but Not Mating during Oropharyngeal Candidiasis. *Infection and Immunity*, **2018**, 86,	3.7	19
89	A possible role for fumagillin in cellular damage during host infection by Aspergillus fumigatus. *Virulence*, **2018**, 9, 1548-1561	4.7	19
88	The Hyr1 protein from the fungus Candida albicans is a cross kingdom immunotherapeutic target for Acinetobacter bacterial infection. *PLoS Pathogens*, **2018**, 14, e1007056	7.6	19
87	Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality. *PLoS Genetics*, **2020**, 16, e1008582	6	18
86	Applying Convergent Immunity to Innovative Vaccines Targeting Staphylococcus aureus. *Frontiers in Immunology*, **2014**, 5, 463	8.4	18
85	Human Anti-Als3p Antibodies Are Surrogate Markers of NDV-3A Vaccine Efficacy Against Recurrent Vulvovaginal Candidiasis. *Frontiers in Immunology*, **2018**, 9, 1349	8.4	17
84	Bcr1 functions downstream of Ssd1 to mediate antimicrobial peptide resistance in Candida albicans. *Eukaryotic Cell*, **2013**, 12, 411-9		17
83	Glycerophosphocholine utilization by Candida albicans: role of the Git3 transporter in virulence. *Journal of Biological Chemistry*, **2013**, 288, 33939-33952	5.4	17
82	Candida albicans adherence to endothelial cells. *Microvascular Research*, **1992**, 43, 218-26	3.7	16
81	Activation of EphA2-EGFR signaling in oral epithelial cells by Candida albicans virulence factors. *PLoS Pathogens*, **2021**, 17, e1009221	7.6	16
80	Insights from human studies into the host defense against candidiasis. *Cytokine*, **2012**, 58, 129-32	4	15
79	Mucormycosis and Entomophthoramycosis (Zygomycosis) **2011**, 265-280		15

78	A systematic evaluation of high-dimensional, ensemble-based regression for exploring large model spaces in microbiome analyses. *BMC Bioinformatics*, **2015**, 16, 31	3.6	14
77	Mucoricin is a ricin-like toxin that is critical for the pathogenesis of mucormycosis. *Nature Microbiology*, **2021**, 6, 313-326	26.6	14
76	Pharmacokinetics of murine p75-Fc fusion protein and MP6-XT22 anti-murine TNF-alpha mAb in mice. *Journal of Investigative Dermatology Symposium Proceedings*, **2007**, 12, 52-6	1.1	13
75	Eukaryotic translation initiation factor-6 enhances histamine and IL-2 production in mast cells. *Journal of Immunology*, **2001**, 166, 3606-11	5.3	12
74	Saccharomyces cerevisiae: an Emerging and Model Pathogenic Fungus245-259		10
73	Virulence Mechanisms of Coccidioides363-391		10
72	Comparative transcriptomics of Aspergillus fumigatus strains upon exposure to human airway epithelial cells. *Microbial Genomics*, **2018**, 4,	4.4	10
71	Can host receptors for fungi be targeted for treatment of fungal infections?. *Trends in Microbiology*, **2013**, 21, 389-96	12.4	9
70	Efficacy of ambruticin analogs in a murine model of invasive pulmonary aspergillosis. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 3464-6	5.9	9
69	Toward a Molecular Understanding of Candida albicans Virulence305-P1		9
68	Virulence Factors in Black Molds with Emphasis on Melanin, Chitin, and Wangiella as a Molecularly Tractable Model407-428		9
67	Targeted enrichment outperforms other enrichment techniques and enables more multi-species RNA-Seq analyses. *Scientific Reports*, **2018**, 8, 13377	4.9	9
66	Functional Coupling between the Unfolded Protein Response and Endoplasmic Reticulum/Golgi Ca-ATPases Promotes Stress Tolerance, Cell Wall Biosynthesis, and Virulence of Aspergillus fumigatus. *MBio*, **2020**, 11,	7.8	8
65	Yeast casein kinase 2 governs morphology, biofilm formation, cell wall integrity, and host cell damage of Candida albicans. *PLoS ONE*, **2017**, 12, e0187721	3.7	8
64	Functional convergence of gliP and aspf1 in Aspergillus fumigatus pathogenicity. *Virulence*, **2018**, 9, 1062-1073	4.7	8
63	Candida albicans Cannot Acquire Sufficient Ethanolamine from the Host To Support Virulence in the Absence of Phosphatidylethanolamine Synthesis. *Infection and Immunity*, **2018**, 86,	3.7	8
62	Different tumor necrosis factor antagonists have different effects on host susceptibility to disseminated and oropharyngeal candidiasis in mice. *Virulence*, **2014**, 5, 625-9	4.7	8
61	Candida albicans Hypha Formation and Virulence45-P2		8

60	Fungal Molecular Pathogenesis: What Can It Do and Why Do We Need It?1-11		7
59	Zygomycetes as Agents of Infectious Disease in Humans429-440		7
58	Genetic variation of DNA methyltransferase-3A contributes to protection against persistent MRSA bacteremia in patients. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 20087-20096	11.5	7
57	Cryptococcus neoformans : a Sugar-Coated Killer279-303		6
56	Genome Sequence for Candida albicans Clinical Oral Isolate 529L. *Microbiology Resource Announcements*, **2019**, 8,	1.3	5
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53	Molecular Principles of Antifungal Drug Resistance197-212		5
52	Evolution of Human-Pathogenic Fungi: Phylogenies and Species113-P1		5
51	Determining Aspergillus fumigatus transcription factor expression and function during invasion of the mammalian lung. *PLoS Pathogens*, **2021**, 17, e1009235	7.6	5
50	endocarditis diagnosed by fungemia plus serum antigen testing. *Medical Mycology Case Reports*, **2019**, 23, 1-3	1.7	5
49	Sex, MAT, and the Evolution of Fungal Virulence13-33		4
48	Molecular Determinants of Virulence in Aspergillus fumigatus333-345		4
47	Signaling Pathways in the Dimorphic Human Fungal Pathogen Penicillium marneffei441-454		4
46	Endothelial cell stimulation by Candida albicans. *Methods in Molecular Biology*, **2009**, 470, 313-26	1.4	4
45	Function and Regulation of Adhesin Gene Families in Saccharomyces cerevisiae, Candida albicans, and Candida glabrata163-175		3
44	Systematic Genetic Interaction Analysis Identifies a Transcription Factor Circuit Required for Oropharyngeal Candidiasis.. *MBio*, **2022**, e0344721	7.8	3
43	Identification of Candida glabrata Transcriptional Regulators That Govern Stress Resistance and Virulence. *Infection and Immunity*, **2021**, 89,	3.7	3

42	Fungal Biofilms: Agents of Disease and Drug Resistance177-185		2
41	Molecular Basis of Fungal Adherence to Endothelial and Epithelial Cells187-196		2
40	Molecular Determinants of Histoplasma capsulatum Pathogenesis321-331		2
39	Innate and Acquired Cellular Immunity to Fungi471-486		2
38	Intracellular Pathogenesis of Histoplasma capsulatum527-536		2
37	Control of β-glucan exposure by the endo-1,3-glucanase Eng1 in Candida albicans modulates virulence		2
36	Gene Expression Profiling of Infecting Microbes Using a Digital Bar-coding Platform. *Journal of Visualized Experiments*, **2016**, e53460	1.6	1
35	Signal Transduction in the Interactions of Fungal Pathogens and Mammalian Hosts143-162		1
34	Amphibian Chytridiomycosis as an Emerging Infectious Disease of Wildlife: What Can We Learn from the Earliest Diverging Fungi?271-278		1
33	Acquired Antibody-Mediated Immunity to Fungi487-503		1
32	Site-Specific Mucosal Immunity to Fungi: Lessons Learned from Candida albicans Applied to Other Fungi505-526		1
31	Fungal Interactions with Leukocytes555-563		1
30	Fungal Vaccine Development565-581		1
29	Future of Functional Genomics of Histoplasma capsulatum611-625		1
28	Functional Genomic Approaches to Fungal Pathogenesis, Drug Target Validation, and Antifungal Drug Discovery627-642		1
27	The Mating-Type Locus and Mating of Candida albicans and Candida glabrata89-112		1
26	The Globular C1q Receptor Is Required for Epidermal Growth Factor Receptor Signaling during Candida albicans Infection. *MBio*, **2021**, e0271621	7.8	1
25	Activation of oral epithelial EphA2-EFGR signaling by Candida albicans virulence factors		1

24	GRP78 and Integrins Play Different Roles in Host Cell Invasion During Mucormycosis		1
23	Human Als3p Antibodies are Surrogate Markers of NDV-3A Vaccine Efficacy Against Recurrent Vulvovaginal Candidiasis		1
22	Candida: What Should Clinicians and Scientists Be Talking About?1-8		1
21	Response to Comments on "Aberrant type 1 immunity drives susceptibility to mucosal fungal infections". *Science*, **2021**, 373, eabi8835	33.3	1
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16	Systemic Candidiasis **2000**, 95-115		
15	Postgenomic Strategies for Genetic Analysis: Insight from Saccharomyces cerevisiae and Candida albicans35-P1		
14	Studying Fungal Virulence by Using Genomics589-P1		
13	Amoeba and Slime Mold: Hosts of Virulence Evolution227-234		
12	Aspergillus nidulans: a Model for Elucidation of Aspergillus fumigatus Secondary Metabolism235-243		
11	The Conversion from Classical Studies in Fungal Pathogenesis to the Molecular Era49-P1		
10	Establishment of Cell Identity in Pathogenic Fungi133-141		
9	Heterologous Hosts and the Evolution and Study of Fungal Pathogenesis213-225		
8	Interactions of Aspergillus with the Mucosa239-245		
7	Identification of Host Receptors for Fungi Using Whole Cell Affinity Purification. *Methods in Molecular Biology*, **2021**, 2260, 27-36	1.4	

List of Publications

6 Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality **2020**, 16, e1008582

5 Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality **2020**, 16, e1008582

4 Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality **2020**, 16, e1008582

3 Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality **2020**, 16, e1008582

2 Roles of Candida albicans Mig1 and Mig2 in glucose repression, pathogenicity traits, and SNF1 essentiality **2020**, 16, e1008582

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