

William J Steinbach

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5003285/william-j-steinbach-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186 papers	12,410 citations	49 h-index	110 g-index
200 ext. papers	14,933 ext. citations	6.3 avg, IF	6.09 L-index

#	Paper	IF	Citations
186	Treatment of aspergillosis: clinical practice guidelines of the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2008 , 46, 327-60	11.6	2097
185	Practice Guidelines for the Diagnosis and Management of Aspergillosis: 2016 Update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2016 , 63, e1-e60	11.6	1274
184	Epidemiology and outcomes of candidemia in 2019 patients: data from the prospective antifungal therapy alliance registry. <i>Clinical Infectious Diseases</i> , 2009 , 48, 1695-703	11.6	691
183	Revision and Update of the Consensus Definitions of Invasive Fungal Disease From the European Organization for Research and Treatment of Cancer and the Mycoses Study Group Education and Research Consortium. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1367-1376	11.6	607
182	Global guideline for the diagnosis and management of mucormycosis: an initiative of the European Confederation of Medical Mycology in cooperation with the Mycoses Study Group Education and Research Consortium. <i>Lancet Infectious Diseases</i> , 2019 , 19, e405-e421	25.5	441
181	Guideline for the management of fever and neutropenia in children with cancer and/or undergoing hematopoietic stem-cell transplantation. <i>Journal of Clinical Oncology</i> , 2012 , 30, 4427-38	2.2	265
180	Infections due to <i>Aspergillus terreus</i> : a multicenter retrospective analysis of 83 cases. <i>Clinical Infectious Diseases</i> , 2004 , 39, 192-8	11.6	253
179	Harnessing calcineurin as a novel anti-infective agent against invasive fungal infections. <i>Nature Reviews Microbiology</i> , 2007 , 5, 418-30	22.2	247
178	Clinical epidemiology of 960 patients with invasive aspergillosis from the PATH Alliance registry. <i>Journal of Infection</i> , 2012 , 65, 453-64	18.9	246
177	Pediatric invasive aspergillosis: a multicenter retrospective analysis of 139 contemporary cases. <i>Pediatrics</i> , 2008 , 121, e1286-94	7.4	238
176	Calcineurin controls growth, morphology, and pathogenicity in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2006 , 5, 1091-103		230
175	Executive Summary: Practice Guidelines for the Diagnosis and Management of Aspergillosis: 2016 Update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2016 , 63, 433-42	11.6	216
174	Stress, drugs, and evolution: the role of cellular signaling in fungal drug resistance. <i>Eukaryotic Cell</i> , 2008 , 7, 747-64		201
173	Disruption of a nonribosomal peptide synthetase in <i>Aspergillus fumigatus</i> eliminates gliotoxin production. <i>Eukaryotic Cell</i> , 2006 , 5, 972-80		184
172	Neonatal candidemia and end-organ damage: a critical appraisal of the literature using meta-analytic techniques. <i>Pediatrics</i> , 2003 , 112, 634-40	7.4	181
171	Epidemiology, outcomes, and costs of invasive aspergillosis in immunocompromised children in the United States, 2000. <i>Pediatrics</i> , 2006 , 117, e711-6	7.4	168
170	Combination and sequential antifungal therapy for invasive aspergillosis: review of published in vitro and in vivo interactions and 6281 clinical cases from 1966 to 2001. <i>Clinical Infectious Diseases</i> , 2003 , 37 Suppl 3, S188-224	11.6	146

169	Empirical therapy for neonatal candidemia in very low birth weight infants. <i>Pediatrics</i> , 2003 , 112, 543-7	7.4	146
168	Calcineurin target CrzA regulates conidial germination, hyphal growth, and pathogenesis of <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2008 , 7, 1085-97		130
167	Results from a prospective, international, epidemiologic study of invasive candidiasis in children and neonates. <i>Pediatric Infectious Disease Journal</i> , 2012 , 31, 1252-7	3.4	120
166	Review of newer antifungal and immunomodulatory strategies for invasive aspergillosis. <i>Clinical Infectious Diseases</i> , 2003 , 37 Suppl 3, S157-87	11.6	118
165	Transcriptional regulation of chitin synthases by calcineurin controls paradoxical growth of <i>Aspergillus fumigatus</i> in response to caspofungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1555-63	5.9	114
164	Mortality following blood culture in premature infants: increased with Gram-negative bacteremia and candidemia, but not Gram-positive bacteremia. <i>Journal of Perinatology</i> , 2004 , 24, 175-80	3.1	105
163	<i>Aspergillus fumigatus</i> and related species. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 5, a019786	5.4	103
162	Differential effects of inhibiting chitin and 1,3- β -D-glucan synthesis in ras and calcineurin mutants of <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 476-82	5.9	102
161	In vitro interactions between antifungals and immunosuppressants against <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1664-9	5.9	102
160	Heat shock protein 90 is required for conidiation and cell wall integrity in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 1324-32		99
159	A prospective, multicenter study of caspofungin for the treatment of documented <i>Candida</i> or <i>Aspergillus</i> infections in pediatric patients. <i>Pediatrics</i> , 2009 , 123, 877-84	7.4	96
158	Prospective <i>Aspergillus</i> galactomannan antigen testing in pediatric hematopoietic stem cell transplant recipients. <i>Pediatric Infectious Disease Journal</i> , 2007 , 26, 558-64	3.4	95
157	Galactomannan, β -D-Glucan, and Polymerase Chain Reaction-Based Assays for the Diagnosis of Invasive Fungal Disease in Pediatric Cancer and Hematopoietic Stem Cell Transplantation: A Systematic Review and Meta-Analysis. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1340-1348	11.6	93
156	Bronchoalveolar lavage and lung biopsy in patients with cancer and hematopoietic stem-cell transplantation recipients: a systematic review and meta-analysis. <i>Journal of Clinical Oncology</i> , 2015 , 33, 501-9	2.2	89
155	Calcineurin in fungal virulence and drug resistance: Prospects for harnessing targeted inhibition of calcineurin for an antifungal therapeutic approach. <i>Virulence</i> , 2017 , 8, 186-197	4.7	84
154	Quantification of 1,3- β -D-glucan levels in children: preliminary data for diagnostic use of the beta-glucan assay in a pediatric setting. <i>Vaccine Journal</i> , 2007 , 14, 924-5		84
153	<i>Scedosporium prolificans</i> osteomyelitis in an immunocompetent child treated with voriconazole and caspofungin, as well as locally applied polyhexamethylene biguanide. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 3981-5	9.7	83
152	Calcineurin inhibition or mutation enhances cell wall inhibitors against <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2979-81	5.9	81

151	In vitro analyses, animal models, and 60 clinical cases of invasive <i>Aspergillus terreus</i> infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3217-25	5.9	81
150	A meta-analysis of medical versus surgical therapy for <i>Candida</i> endocarditis. <i>Journal of Infection</i> , 2005 , 51, 230-47	18.9	80
149	Calcineurin as a Multifunctional Regulator: Unraveling Novel Functions in Fungal Stress Responses, Hyphal Growth, Drug Resistance, and Pathogenesis. <i>Fungal Biology Reviews</i> , 2014 , 28, 56-69	6.8	76
148	Pediatric aspergillosis: disease and treatment differences in children. <i>Pediatric Infectious Disease Journal</i> , 2005 , 24, 358-64	3.4	75
147	A Prospective, International Cohort Study of Invasive Mold Infections in Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015 , 4, 313-22	4.8	67
146	Presentation of the PATH Alliance registry for prospective data collection and analysis of the epidemiology, therapy, and outcomes of invasive fungal infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007 , 59, 407-14	2.9	67
145	In vitro activity of calcineurin and heat shock protein 90 Inhibitors against <i>Aspergillus fumigatus</i> azole- and echinocandin-resistant strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1035-9	5.9	65
144	Localization and activity of the calcineurin catalytic and regulatory subunit complex at the septum is essential for hyphal elongation and proper septation in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2011 , 82, 1235-59	4.1	65
143	Phylogenomic analysis of non-ribosomal peptide synthetases in the genus <i>Aspergillus</i> . <i>Gene</i> , 2006 , 383, 24-32	3.8	60
142	Pediatric residents' clinical diagnostic accuracy of otitis media. <i>Pediatrics</i> , 2002 , 109, 993-8	7.4	57
141	Identification of a key lysine residue in heat shock protein 90 required for azole and echinocandin resistance in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1889-96	5.9	53
140	In vitro interactions between antifungals and immunosuppressants against <i>Aspergillus fumigatus</i> isolates from transplant and nontransplant patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 4922-5	5.9	51
139	Risk Factors for Invasive Fungal Disease in Pediatric Cancer and Hematopoietic Stem Cell Transplantation: A Systematic Review. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018 , 7, 191-198	4.8	50
138	Antifungal prophylaxis in pediatric hematology/oncology: new choices & new data. <i>Pediatric Blood and Cancer</i> , 2012 , 59, 21-6	3	50
137	<i>Candida</i> bloodstream infection in neonates. <i>Seminars in Perinatology</i> , 2003 , 27, 375-83	3.3	47
136	Value of an inhalational model of invasive aspergillosis. <i>Medical Mycology</i> , 2004 , 42, 417-25	3.9	46
135	Invasive aspergillosis in pediatric patients. <i>Current Medical Research and Opinion</i> , 2010 , 26, 1779-87	2.5	45
134	Antifungal agents in children. <i>Pediatric Clinics of North America</i> , 2005 , 52, 895-915, viii	3.6	44

133	Harnessing calcineurin-FK506-FKBP12 crystal structures from invasive fungal pathogens to develop antifungal agents. <i>Nature Communications</i> , 2019 , 10, 4275	17.4	43
132	Transcriptional activation of heat shock protein 90 mediated via a proximal promoter region as trigger of caspofungin resistance in <i>Aspergillus fumigatus</i> . <i>Journal of Infectious Diseases</i> , 2014 , 209, 473-81	7.1	43
131	Histone deacetylase inhibition as an alternative strategy against invasive aspergillosis. <i>Frontiers in Microbiology</i> , 2015 , 6, 96	5.7	41
130	A Multicenter Consortium to Define the Epidemiology and Outcomes of Inpatient Respiratory Viral Infections in Pediatric Hematopoietic Stem Cell Transplant Recipients. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018 , 7, 275-282	4.8	41
129	Phosphorylation of Calcineurin at a novel serine-proline rich region orchestrates hyphal growth and virulence in <i>Aspergillus fumigatus</i> . <i>PLoS Pathogens</i> , 2013 , 9, e1003564	7.6	41
128	Teaching old drugs new tricks: reincarnating immunosuppressants as antifungal drugs. <i>Current Opinion in Investigational Drugs</i> , 2003 , 4, 192-9		41
127	Heat shock protein 90 (Hsp90): A novel antifungal target against <i>Aspergillus fumigatus</i> . <i>Critical Reviews in Microbiology</i> , 2016 , 42, 310-21	7.8	40
126	New antifungal agents under development in children and neonates. <i>Current Opinion in Infectious Diseases</i> , 2005 , 18, 484-9	5.4	40
125	Role of Molecular Biomarkers in the Diagnosis of Invasive Fungal Diseases in Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017 , 6, S32-S44	4.8	39
124	Plasma membrane localization is required for RasA-mediated polarized morphogenesis and virulence of <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 966-77		39
123	Cerebral phaeohyphomycosis in an immunodeficient child treated medically with combination antifungal therapy. <i>Medical Mycology</i> , 2003 , 41, 339-45	3.9	39
122	Candida endocarditis: contemporary cases from the International Collaboration of Infectious Endocarditis Merged Database (ICE-mD). <i>Scandinavian Journal of Infectious Diseases</i> , 2004 , 36, 453-5		38
121	Pediatric resident training in the diagnosis and treatment of acute otitis media. <i>Pediatrics</i> , 2002 , 109, 404-8	7.4	38
120	Scanning Quadrupole Data-Independent Acquisition, Part A: Qualitative and Quantitative Characterization. <i>Journal of Proteome Research</i> , 2018 , 17, 770-779	5.6	37
119	Newer antifungal therapy for emerging fungal pathogens. <i>International Journal of Infectious Diseases</i> , 2003 , 7, 5-20	10.5	36
118	Calcineurin localizes to the hyphal septum in <i>Aspergillus fumigatus</i> : implications for septum formation and conidiophore development. <i>Eukaryotic Cell</i> , 2008 , 7, 1606-10		35
117	Antifungal treatment in pediatric patients. <i>Drug Resistance Updates</i> , 2005 , 8, 235-45	23.2	35
116	Severe Acute Respiratory Syndrome Coronavirus 2 Infections Among Children in the Biospecimens from Respiratory Virus-Exposed Kids (BRAVE Kids) Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2875-e2882	11.6	34

115	Recognition and Clinical Presentation of Invasive Fungal Disease in Neonates and Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017 , 6, S12-S21	4.8	33
114	Potential Microbiological Effects of Higher Dosing of Echinocandins. <i>Clinical Infectious Diseases</i> , 2015 , 61 Suppl 6, S669-77	11.6	33
113	Safety experience with caspofungin in pediatric patients. <i>Pediatric Infectious Disease Journal</i> , 2009 , 28, 1132-5	3.4	33
112	Mycoses in pediatric patients. <i>Infectious Disease Clinics of North America</i> , 2006 , 20, 663-78	6.5	33
111	The <i>Aspergillus fumigatus</i> P-type Golgi apparatus Ca ²⁺ /Mn ²⁺ ATPase PmrA is involved in cation homeostasis and cell wall integrity but is not essential for pathogenesis. <i>Eukaryotic Cell</i> , 2010 , 9, 472-6		32
110	Calcium-Mediated Induction of Paradoxical Growth Following Caspofungin Treatment Is Associated with Calcineurin Activation and Phosphorylation in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4946-55	5.9	31
109	Caspofungin-Mediated Growth Inhibition and Paradoxical Growth in <i>Aspergillus fumigatus</i> Involve Fungicidal Hyphal Tip Lysis Coupled with Regenerative Intrahyphal Growth and Dynamic Changes in β 1,3-Glucan Synthase Localization. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	31
108	<i>Aspergillus fumigatus</i> calcipressin CbpA is involved in hyphal growth and calcium homeostasis. <i>Eukaryotic Cell</i> , 2009 , 8, 511-9		31
107	Regulation of expression, activity and localization of fungal chitin synthases. <i>Medical Mycology</i> , 2012 , 50, 2-17	3.9	30
106	Antifungal activity of compounds targeting the Hsp90-calcineurin pathway against various mould species. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1408-11	5.1	28
105	Guideline for Antibacterial Prophylaxis Administration in Pediatric Cancer and Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2020 , 71, 226-236	11.6	27
104	The <i>Aspergillus fumigatus</i> septins play pleiotropic roles in septation, conidiation, and cell wall stress, but are dispensable for virulence. <i>Fungal Genetics and Biology</i> , 2015 , 81, 41-51	3.9	26
103	Influenza Immunization for All Health Care Personnel: Keep It Mandatory. <i>Pediatrics</i> , 2015 , 136, 809-18	7.4	26
102	Newer combination antifungal therapies for invasive aspergillosis. <i>Medical Mycology</i> , 2011 , 49 Suppl 1, S77-81	3.9	26
101	Clinical Practice Guideline for Systemic Antifungal Prophylaxis in Pediatric Patients With Cancer and Hematopoietic Stem-Cell Transplantation Recipients. <i>Journal of Clinical Oncology</i> , 2020 , 38, 3205-3216	2.2	23
100	Distinct Roles of Myosins in <i>Aspergillus fumigatus</i> Hyphal Growth and Pathogenesis. <i>Infection and Immunity</i> , 2016 , 84, 1556-64	3.7	23
99	Hsp70 and the Cochaperone StiA (Hop) Orchestrate Hsp90-Mediated Caspofungin Tolerance in <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4727-33	5.9	23
98	Structures of Pathogenic Fungal FKBP12s Reveal Possible Self-Catalysis Function. <i>MBio</i> , 2016 , 7, e00492-15	7.15	23

97	Candida speciation, antifungal treatment and adverse events in pediatric invasive candidiasis: results from 441 infections in a prospective, multi-national study. <i>Pediatric Infectious Disease Journal</i> , 2014 , 33, 1294-6	3.4	22
96	Are we there yet? Recent progress in the molecular diagnosis and novel antifungal targeting of <i>Aspergillus fumigatus</i> and invasive aspergillosis. <i>PLoS Pathogens</i> , 2013 , 9, e1003642	7.6	22
95	Invasive <i>Candida</i> infections in the neonate. <i>Drug Resistance Updates</i> , 2005 , 8, 147-62	23.2	22
94	Calcineurin-mediated regulation of hyphal growth, septation, and virulence in <i>Aspergillus fumigatus</i> . <i>Mycopathologia</i> , 2014 , 178, 341-8	2.9	21
93	Calcineurin Orchestrates Hyphal Growth, Septation, Drug Resistance and Pathogenesis of <i>Aspergillus fumigatus</i> : Where Do We Go from Here?. <i>Pathogens</i> , 2015 , 4, 883-93	4.5	18
92	Combination antifungals: an update. <i>Expert Review of Anti-Infective Therapy</i> , 2007 , 5, 883-92	5.5	18
91	Filamentous fungal-specific septin AspE is phosphorylated in vivo and interacts with actin, tubulin and other septins in the human pathogen <i>Aspergillus fumigatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013 , 431, 547-53	3.4	17
90	The chitin synthase genes <i>chsA</i> and <i>chsC</i> are not required for cell wall stress responses in the human pathogen <i>Aspergillus fumigatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 549-54	3.4	17
89	Status of medical mycology education. <i>Medical Mycology</i> , 2003 , 41, 457-67	3.9	17
88	Advances against aspergillosis. <i>Clinical Infectious Diseases</i> , 2003 , 37 Suppl 3, S155-6	11.6	17
87	Differential localization patterns of septins during growth of the human fungal pathogen <i>Aspergillus fumigatus</i> reveal novel functions. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 405, 238-43	3.4	16
86	Regulatable Ras activity is critical for proper establishment and maintenance of polarity in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 611-5		15
85	<i>Aspergillus fumigatus</i> Secreted Proteases		15
84	SARS-CoV-2 Infections Among Children in the Biospecimens from Respiratory Virus-Exposed Kids (BRAVE Kids) Study 2020 ,		15
83	A Multicenter Consortium to Define the Epidemiology and Outcomes of Pediatric Solid Organ Transplant Recipients With Inpatient Respiratory Virus Infection. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019 , 8, 197-204	4.8	15
82	Characterization of the FKBP12-Encoding Genes in <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2015 , 10, e0137869	3.7	14
81	Dephosphorylation of the Core Septin, AspB, in a Protein Phosphatase 2A-Dependent Manner Impacts Its Localization and Function in the Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 997	5.7	14
80	Reduction in Mortality after Umbilical Cord Blood Transplantation in Children Over a 20-Year Period (1995-2014). <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 756-763	4.7	14

79	Failure to Validate a Multivariable Clinical Prediction Model to Identify Pediatric Intensive Care Unit Patients at High Risk for Candidemia. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016 , 5, 458-461	4.8	13
78	Pediatric Invasive Candidiasis: Epidemiology and Diagnosis in Children. <i>Journal of Fungi (Basel, Switzerland)</i> , 2016 , 2,	5.6	13
77	Policy Statement: Antibiotic Stewardship in Pediatrics. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 641-649	4.8	13
76	Scanning Quadrupole Data-Independent Acquisition, Part B: Application to the Analysis of the Calcineurin-Interacting Proteins during Treatment of <i>Aspergillus fumigatus</i> with Azole and Echinocandin Antifungal Drugs. <i>Journal of Proteome Research</i> , 2018 , 17, 780-793	5.6	11
75	Surfactant protein D binding to <i>Aspergillus fumigatus</i> hyphae is calcineurin-sensitive. <i>Medical Mycology</i> , 2010 , 48, 580-8	3.9	11
74	Combination antifungal therapy for invasive aspergillosis - Is it indicated?. <i>Medical Mycology</i> , 2006 , 44, S373-S382	3.9	11
73	Micafungin: the US perspective. <i>Expert Review of Anti-Infective Therapy</i> , 2005 , 3, 183-90	5.5	11
72	Identification and mutational analyses of phosphorylation sites of the calcineurin-binding protein CbpA and the identification of domains required for calcineurin binding in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2015 , 6, 175	5.7	10
71	Pharmacokinetics and safety of posaconazole intravenous solution and powder for oral suspension in children with neutropenia: an open-label, sequential dose-escalation trial. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106084	14.3	9
70	A Novel Phosphoregulatory Switch Controls the Activity and Function of the Major Catalytic Subunit of Protein Kinase A in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2017 , 8,	7.8	8
69	Cell Wall of <i>Aspergillus fumigatus</i> : a Dynamic Structure		8
68	Treatment of Cyclosporin A retains host defense against invasive pulmonary aspergillosis in a non-immunosuppressive murine model by preserving the myeloid cell population. <i>Virulence</i> , 2017 , 8, 1744-1752	4.7	7
67	<i>Aspergillus</i> PCR373-388		7
66	Calcineurin-dependent dephosphorylation of the transcription factor CrzA at specific sites controls conidiation, stress tolerance, and virulence of <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2019 , 112, 62-80	4.1	6
65	Novel motif in calcineurin catalytic subunit is required for septal localization of calcineurin in <i>Aspergillus fumigatus</i> . <i>FEBS Letters</i> , 2016 , 590, 501-8	3.8	6
64	Heat Shock Protein 90 (Hsp90) in Fungal Growth and Pathogenesis. <i>Current Fungal Infection Reports</i> , 2014 , 8, 296-301	1.4	6
63	Disseminated <i>Candida tropicalis</i> in a patient with chronic mucocutaneous candidiasis. <i>Southern Medical Journal</i> , 2004 , 97, 788-90	0.6	6
62	Latent class analysis: an illustrative application for education in the assessment of resident otoscopic skills. <i>Academic Pediatrics</i> , 2004 , 4, 13-7		6

61	A Randomized Trial of Caspofungin vs Triazoles Prophylaxis for Invasive Fungal Disease in Pediatric Allogeneic Hematopoietic Cell Transplant. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 417-425	4.8	6
60	Caspofungin exposure alters the core septin AspB interactome of <i>Aspergillus fumigatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 221-226	3.4	5
59	Pediatric invasive aspergillosis. <i>Pediatric Infectious Disease Journal</i> , 2010 , 29, 964-5	3.4	5
58	Morphology and Reproductive Mode of <i>Aspergillus fumigatus</i> 5-13		5
57	Kin1 kinase localizes at the hyphal septum and is dephosphorylated by calcineurin but is dispensable for septation and virulence in the human pathogen <i>Aspergillus fumigatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 740-746	3.4	5
56	Safety, Tolerability, and Population Pharmacokinetics of Intravenous and Oral Isavuconazonium Sulfate in Pediatric Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0029021	5.9	5
55	Blood-based Diagnosis of Invasive Fungal Infections in Immunocompromised/Oncology Patients. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 1020-2	3.4	4
54	Conidial Germination in <i>Aspergillus fumigatus</i> 131-142		4
53	Biofilm Formation in <i>Aspergillus fumigatus</i> 149-158		4
52	Invasive Aspergillosis in Malignancy and Stem Cell Transplant Recipients519-530		4
51	Forging the ring: from fungal septins to divergent roles in morphology, septation and virulence to factors contributing to their assembly into higher order structures. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1527-1534	2.9	4
50	Phosphorylation of <i>Aspergillus fumigatus</i> PkaR impacts growth and cell wall integrity through novel mechanisms. <i>FEBS Letters</i> , 2017 , 591, 3730-3744	3.8	3
49	The tail domain of the class V myosin MyoE orchestrates septal localization and hyphal growth. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	3
48	Newer animal models of <i>Aspergillus</i> and <i>Candida</i> infections. <i>Drug Discovery Today: Disease Models</i> , 2004 , 1, 87-93	1.3	3
47	Invasive Pulmonary Aspergillosis291-299		3
46	Histology and Radiology351-362		3
45	<i>Aspergillus fumigatus</i> Cyp51A and Cyp51B Proteins Are Compensatory in Function and Localize Differentially in Response to Antifungals and Cell Wall Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	3
44	FKBP12 dimerization mutations effect FK506 binding and differentially alter calcineurin inhibition in the human pathogen <i>Aspergillus fumigatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020 , 526, 48-54	3.4	2

43	A multicenter study to define the epidemiology and outcomes of <i>Clostridioides difficile</i> infection in pediatric hematopoietic cell and solid organ transplant recipients. <i>American Journal of Transplantation</i> , 2020 , 20, 2133-2142	8.7	2
42	Clinical research in the lay press: irresponsible journalism raises a huge dose of doubt. <i>Clinical Infectious Diseases</i> , 2006 , 43, 1031-9	11.6	2
41	Clinical considerations in the diagnosis of otitis media. <i>Current Allergy and Asthma Reports</i> , 2003 , 3, 313-306	3.0	2
40	Innate Defense against <i>Aspergillus</i> : the Phagocyte	229-238	2
39	Chronic Aspergillosis	319-331	2
38	Galactomannan and Anti- <i>Aspergillus</i> Antibody Detection for the Diagnosis of Invasive Aspergillosis	363-372	2
37	Aspects of Primary Carbon and Nitrogen Metabolism	61-74	2
36	Cations (Zn, Fe)	107-129	2
35	Leveraging Fungal and Human Calcineurin-Inhibitor Structures, Biophysical Data, and Dynamics To Design Selective and Nonimmunosuppressive FK506 Analogs. <i>MBio</i> , 2021 , e0300021	7.8	2
34	Comparative Effectiveness of Echinocandins vs Triazoles or Amphotericin B Formulations as Initial Directed Therapy for Invasive Candidiasis in Children and Adolescents. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 ,	4.8	2
33	Rational approach to pediatric antifungal therapy. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 697, 231-42	3.6	2
32	Anidulafungin. <i>Drugs</i> , 2004 , 64, 2259-2260	12.1	1
31	Multicenter Prospective Study of Biomarkers for Diagnosis of Invasive Candidiasis in Children and Adolescents.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	1
30	Genetic Regulation of <i>Aspergillus</i> Secondary Metabolites and Their Role in Fungal Pathogenesis	185-199	1
29	Reactive Oxygen Intermediates, pH, and Calcium	215-228	1
28	CD4+ T-Cell Responses to <i>Aspergillus fumigatus</i>	263-277	1
27	<i>Aspergillus</i> Sinusitis and Cerebral Aspergillosis	301-317	1
26	Antifungal Mechanisms of Action and Resistance	457-466	1

25	A Perspective on <i>Aspergillus fumigatus</i> Research for the Next Ten Years547-558		1
24	Leveraging Fungal Calcineurin-Inhibitor Structures, Biophysics and Dynamics to Design Selective and Non-Immunosuppressive FK506 Analogs		1
23	Antifungal Drug Interactions445-456		1
22	Latest Thoughts on Treating Pediatric Mucormycosis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020 , 9, 640-644	4.8	1
21	The Protein Kinase A-Dependent Phosphoproteome of the Human Pathogen <i>Aspergillus fumigatus</i> Reveals Diverse Virulence-Associated Kinase Targets. <i>MBio</i> , 2020 , 11,	7.8	1
20	Risks and outcomes of adenovirus disease in pediatric hematopoietic stem cell transplant recipients-Comparison of current antiviral treatment options. <i>Transplant Infectious Disease</i> , 2021 , 23, e13505	2.7	1
19	The class V myosin interactome of the human pathogen <i>Aspergillus fumigatus</i> reveals novel interactions with COPII vesicle transport proteins. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 232-237	3.4	0
18	1449Clinical Prediction Model for Candidemia in Pediatric ICU Patients: Failure to Validate. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S382-S382	1	
17	International Pediatric Fungal Network: Changing the World for Pediatric Invasive Fungal Infections. <i>Current Fungal Infection Reports</i> , 2012 , 6, 138-139	1.4	
16	Dendritic Cells in <i>Aspergillus</i> Infection and Allergy247-261		
15	Aspergillosis in Pediatric Patients531-546		
14	Innate Recognition of <i>Aspergillus fumigatus</i> by the Mammalian Immune System279-289		
13	Growth Polarity143-148		
12	Azoles417-434		
11	Therapy of Invasive Aspergillosis: Current Consensus and Controversies491-500		
10	Prophylaxis for Aspergillosis479-489		
9	Echinocandins in the Treatment of Aspergillosis435-443		
8	Broncho-Alveolar Lavage and Lung Biopsy in Patients with Hematological Malignancy and Hematopoietic Stem Cell Transplantation Recipients: A Systematic Review and Meta-Analysis. <i>Blood</i> , 2014 , 124, 2628-2628	2.2	

7 Aspergillus fumigatus Specificities as Deduced from Comparative Genomics29-38

6 Interactions of Aspergillus with the Mucosa239-245

5 Phospholipases of Aspergillus fumigatus75-86

4 Invasive Aspergillosis in Solid Organ Transplant Recipients501-518

3 Signal Transduction159-167

2 Antifungal Polyenes389-415

1 Activity of APX2041, a New Gwt1 Inhibitor, and Efficacy of the Prodrug APX2104 against Aspergillus fumigatus. *Antimicrobial Agents and Chemotherapy*, **2021**, 65, e0068221

5.9