

David R Andes

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214
papers

19,867
citations

64
h-index

139
g-index

241
ext. papers

23,452
ext. citations

7.1
avg, IF

6.86
L-index

#	Paper	IF	Citations
214	Clinical practice guidelines for the management of candidiasis: 2009 update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2009 , 48, 503-35	11.6	2247
213	Clinical Practice Guideline for the Management of Candidiasis: 2016 Update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2016 , 62, e1-50	11.6	1655
212	Executive Summary: Clinical Practice Guideline for the Management of Candidiasis: 2016 Update by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2016 , 62, 409-17	11.6	1105
211	Invasive fungal infections among organ transplant recipients: results of the Transplant-Associated Infection Surveillance Network (TRANSNET). <i>Clinical Infectious Diseases</i> , 2010 , 50, 1101-11	11.6	1048
210	Prospective surveillance for invasive fungal infections in hematopoietic stem cell transplant recipients, 2001-2006: overview of the Transplant-Associated Infection Surveillance Network (TRANSNET) Database. <i>Clinical Infectious Diseases</i> , 2010 , 50, 1091-100	11.6	991
209	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
208	Impact of treatment strategy on outcomes in patients with candidemia and other forms of invasive candidiasis: a patient-level quantitative review of randomized trials. <i>Clinical Infectious Diseases</i> , 2012 , 54, 1110-22	11.6	545
207	A recently evolved transcriptional network controls biofilm development in <i>Candida albicans</i> . <i>Cell</i> , 2012 , 148, 126-38	56.2	473
206	Critical role of Bcr1-dependent adhesins in <i>C. albicans</i> biofilm formation in vitro and in vivo. <i>PLoS Pathogens</i> , 2006 , 2, e63	7.6	387
205	Antifungal therapeutic drug monitoring: established and emerging indications. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 24-34	5.9	386
204	Pharmacokinetics and pharmacodynamics of antibiotics in otitis media. <i>Pediatric Infectious Disease Journal</i> , 1996 , 15, 255-9	3.4	360
203	Putative role of beta-1,3 glucans in <i>Candida albicans</i> biofilm resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 510-20	5.9	306
202	In vivo pharmacodynamic activity of daptomycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 63-8	5.9	287
201	Epidemiology and outcomes of invasive candidiasis due to non- <i>albicans</i> species of <i>Candida</i> in 2,496 patients: data from the Prospective Antifungal Therapy (PATH) registry 2004-2008. <i>PLoS ONE</i> , 2014 , 9, e101510	3.7	257
200	Complementary adhesin function in <i>C. albicans</i> biofilm formation. <i>Current Biology</i> , 2008 , 18, 1017-24	6.3	247
199	Mechanisms of <i>Candida</i> biofilm drug resistance. <i>Future Microbiology</i> , 2013 , 8, 1325-37	2.9	233
198	Biofilm matrix regulation by <i>Candida albicans</i> Zap1. <i>PLoS Biology</i> , 2009 , 7, e1000133	9.7	233

197	Factors associated with mortality in transplant patients with invasive aspergillosis. <i>Clinical Infectious Diseases</i> , 2010 , 50, 1559-67	11.6	223
196	Pharmacology of Systemic Antifungal Agents. <i>Clinical Infectious Diseases</i> , 2006 , 43, S28-S39	11.6	211
195	International expert opinion on the management of infection caused by azole-resistant <i>Aspergillus fumigatus</i> . <i>Drug Resistance Updates</i> , 2015 , 21-22, 30-40	23.2	210
194	Hsp90 governs dispersion and drug resistance of fungal biofilms. <i>PLoS Pathogens</i> , 2011 , 7, e1002257	7.6	196
193	Novel entries in a fungal biofilm matrix encyclopedia. <i>MBio</i> , 2014 , 5, e01333-14	7.8	194
192	Genetic basis of <i>Candida</i> biofilm resistance due to drug-sequestering matrix glucan. <i>Journal of Infectious Diseases</i> , 2010 , 202, 171-5	7	193
191	A <i>Candida</i> biofilm-induced pathway for matrix glucan delivery: implications for drug resistance. <i>PLoS Pathogens</i> , 2012 , 8, e1002848	7.6	190
190	Antifungal Agents: Spectrum of Activity, Pharmacology, and Clinical Indications. <i>Infectious Disease Clinics of North America</i> , 2016 , 30, 51-83	6.5	182
189	Protein binding: do we ever learn?. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3067-74	5.9	181
188	Synergistic effect of calcineurin inhibitors and fluconazole against <i>Candida albicans</i> biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1127-32	5.9	177
187	<i>Candida albicans</i> biofilm development, modeling a host-pathogen interaction. <i>Current Opinion in Microbiology</i> , 2006 , 9, 340-5	7.9	162
186	Role of Fks1p and matrix glucan in <i>Candida albicans</i> biofilm resistance to an echinocandin, pyrimidine, and polyene. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3505-8	5.9	155
185	Fungal biofilms, drug resistance, and recurrent infection. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4,	5.4	146
184	Commensal Protection of <i>Staphylococcus aureus</i> against Antimicrobials by <i>Candida albicans</i> Biofilm Matrix. <i>MBio</i> , 2016 , 7,	7.8	141
183	In vivo pharmacodynamics of antifungal drugs in treatment of candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1179-86	5.9	139
182	Time course global gene expression analysis of an in vivo <i>Candida</i> biofilm. <i>Journal of Infectious Diseases</i> , 2009 , 200, 307-13	7	131
181	Association of fluconazole pharmacodynamics with mortality in patients with candidemia. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3022-8	5.9	124
180	Therapeutic drug monitoring of antifungals: pharmacokinetic and pharmacodynamic considerations. <i>Therapeutic Drug Monitoring</i> , 2008 , 30, 167-72	3.2	124

179	Development and validation of an in vivo <i>Candida albicans</i> biofilm denture model. <i>Infection and Immunity</i> , 2010 , 78, 3650-9	3.7	120
178	Interface of <i>Candida albicans</i> biofilm matrix-associated drug resistance and cell wall integrity regulation. <i>Eukaryotic Cell</i> , 2011 , 10, 1660-9		116
177	The antimicrobial potential of <i>Streptomyces</i> from insect microbiomes. <i>Nature Communications</i> , 2019 , 10, 516	17.4	110
176	Voriconazole use for endemic fungal infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1648-51		107
175	<i>Candida albicans</i> biofilm-induced vesicles confer drug resistance through matrix biogenesis. <i>PLoS Biology</i> , 2018 , 16, e2006872	9.7	107
174	Optimizing a <i>Candida</i> biofilm microtiter plate model for measurement of antifungal susceptibility by tetrazolium salt assay. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 1426-33	9.7	106
173	An expanded regulatory network temporally controls <i>Candida albicans</i> biofilm formation. <i>Molecular Microbiology</i> , 2015 , 96, 1226-39	4.1	104
172	Community participation in biofilm matrix assembly and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4092-7	11.5	103
171	The epidemiology and outcomes of invasive <i>Candida</i> infections among organ transplant recipients in the United States: results of the Transplant-Associated Infection Surveillance Network (TRANSNET). <i>Transplant Infectious Disease</i> , 2016 , 18, 921-931	2.7	101
170	CNS pharmacokinetics of antifungal agents. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2007 , 3, 573-581	5.5	87
169	Histoplasmosis complicating tumor necrosis factor- α blocker therapy: a retrospective analysis of 98 cases. <i>Clinical Infectious Diseases</i> , 2015 , 61, 409-17	11.6	85
168	In vivo pharmacodynamic activity of the glycopeptide dalbavancin. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1633-42	5.9	85
167	Use of pharmacokinetic-pharmacodynamic analyses to optimize therapy with the systemic antifungal micafungin for invasive candidiasis or candidemia. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2113-21	5.9	84
166	Pharmacokinetics and pharmacodynamics of antifungals. <i>Infectious Disease Clinics of North America</i> , 2006 , 20, 679-97	6.5	83
165	Calcineurin controls drug tolerance, hyphal growth, and virulence in <i>Candida dubliniensis</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 803-19		81
164	Comparative phenotypic analysis of the major fungal pathogens <i>Candida parapsilosis</i> and <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2014 , 10, e1004365	7.6	80
163	Pharmacodynamic Optimization for the Treatment of Invasive <i>Candida auris</i> Infection. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S73-S73	1	78
162	Regulation of Iron Transport in <i>Streptococcus pneumoniae</i> by RitR, an Orphan Response Regulator. <i>Journal of Bacteriology</i> , 2006 , 188, 6045-6045	3.5	78

161	Activities of clindamycin, daptomycin, doxycycline, linezolid, trimethoprim-sulfamethoxazole, and vancomycin against community-associated methicillin-resistant <i>Staphylococcus aureus</i> with inducible clindamycin resistance in murine thigh infection and in vitro pharmacodynamic models. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2156-62	5.9	77
160	Beta -1,3 glucan as a test for central venous catheter biofilm infection. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1705-12	7	76
159	Bacterial-derived exopolysaccharides enhance antifungal drug tolerance in a cross-kingdom oral biofilm. <i>ISME Journal</i> , 2018 , 12, 1427-1442	11.9	73
158	Pharmacodynamic target evaluation of a novel oral glucan synthase inhibitor, SCY-078 (MK-3118), using an in vivo murine invasive candidiasis model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1265-72	5.9	73
157	Optimizing antifungal choice and administration. <i>Current Medical Research and Opinion</i> , 2013 , 29 Suppl 4, 13-8	2.5	71
156	Forazoline A: marine-derived polyketide with antifungal in vivo efficacy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11583-6	16.4	70
155	Application of pharmacokinetics and pharmacodynamics to antimicrobial therapy of respiratory tract infections. <i>Clinics in Laboratory Medicine</i> , 2004 , 24, 477-502	2.1	68
154	Isavuconazole (BAL4815) pharmacodynamic target determination in an in vivo murine model of invasive pulmonary aspergillosis against wild-type and cyp51 mutant isolates of <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 6284-9	5.9	67
153	Phaeohyphomycosis in transplant recipients: Results from the Transplant Associated Infection Surveillance Network (TRANSNET). <i>Medical Mycology</i> , 2015 , 53, 440-6	3.9	65
152	Isavuconazole Concentration in Real-World Practice: Consistency with Results from Clinical Trials. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	65
151	Comparative analysis of <i>Candida</i> biofilm quantitation assays. <i>Medical Mycology</i> , 2012 , 50, 214-8	3.9	64
150	Conserved and divergent roles of Bcr1 and CFEM proteins in <i>Candida parapsilosis</i> and <i>Candida albicans</i> . <i>PLoS ONE</i> , 2011 , 6, e28151	3.7	64
149	Use of pharmacodynamic indices to predict efficacy of combination therapy in vivo. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 2473-8	5.9	61
148	<i>Candida</i> -streptococcal interactions in biofilm-associated oral diseases. <i>PLoS Pathogens</i> , 2018 , 14, e1007342	3.4	61
147	Fungal Super Glue: The Biofilm Matrix and Its Composition, Assembly, and Functions. <i>PLoS Pathogens</i> , 2016 , 12, e1005828	7.6	60
146	Antifungal pharmacokinetics and pharmacodynamics. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 5, a019653	5.4	58
145	Animal models in the pharmacokinetic/pharmacodynamic evaluation of antimicrobial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 6390-6400	3.4	57
144	Methodologies for and evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018 , 5, 300-326	3.9	57

143	Posaconazole pharmacodynamic target determination against wild-type and Cyp51 mutant isolates of <i>Aspergillus fumigatus</i> in an in vivo model of invasive pulmonary aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 579-85	5.9	55
142	Regulatory role of glycerol in <i>Candida albicans</i> biofilm formation. <i>MBio</i> , 2013 , 4, e00637-12	7.8	55
141	Pharmacodynamics of fluoroquinolones in experimental models of endocarditis. <i>Clinical Infectious Diseases</i> , 1998 , 27, 47-50	11.6	55
140	Nontoxic antimicrobials that evade drug resistance. <i>Nature Chemical Biology</i> , 2015 , 11, 481-7	11.7	54
139	Reduced biocide susceptibility in <i>Candida albicans</i> biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3411-3	5.9	53
138	Pharmacodynamic Optimization for Treatment of Invasive <i>Candida auris</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	53
137	Exposure-Response Relationships for Isavuconazole in Patients with Invasive Aspergillosis and Other Filamentous Fungi. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	52
136	Pharmacokinetics and Pharmacodynamics of ZTI-01 (Fosfomycin for Injection) in the Neutropenic Murine Thigh Infection Model against <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , and <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	51
135	Dual action antifungal small molecule modulates multidrug efflux and TOR signaling. <i>Nature Chemical Biology</i> , 2016 , 12, 867-75	11.7	50
134	A histone deacetylase complex mediates biofilm dispersal and drug resistance in <i>Candida albicans</i> . <i>MBio</i> , 2014 , 5, e01201-14	7.8	50
133	Loss of CclA, required for histone 3 lysine 4 methylation, decreases growth but increases secondary metabolite production in <i>Aspergillus fumigatus</i> . <i>PeerJ</i> , 2013 , 1, e4	3.1	50
132	Isavuconazole pharmacodynamic target determination for <i>Candida</i> species in an in vivo murine disseminated candidiasis model. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5642-8	5.9	47
131	Host contributions to construction of three device-associated <i>Candida albicans</i> biofilms. <i>Infection and Immunity</i> , 2015 , 83, 4630-8	3.7	45
130	Pharmacokinetics and Pharmacodynamics of APX001 against <i>Candida</i> spp. in a Neutropenic Disseminated Candidiasis Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	45
129	Global Identification of Biofilm-Specific Proteolysis in <i>Candida albicans</i> . <i>MBio</i> , 2016 , 7,	7.8	45
128	Fungal Biofilms: In Vivo Models for Discovery of Anti-Biofilm Drugs. <i>Microbiology Spectrum</i> , 2015 , 3,	8.9	45
127	Comparative pharmacodynamics of the new oxazolidinone tedizolid phosphate and linezolid in a neutropenic murine <i>Staphylococcus aureus</i> pneumonia model. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5916-22	5.9	44
126	Inoculum effects of ceftobiprole, daptomycin, linezolid, and vancomycin with <i>Staphylococcus aureus</i> and <i>Streptococcus pneumoniae</i> at inocula of 10 ⁵ and 10 ⁷ CFU injected into opposite thighs of neutropenic mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1434-41	5.9	41

125	A marine microbiome antifungal targets urgent-threat drug-resistant fungi. <i>Science</i> , 2020 , 370, 974-978	33.3	39
124	Core Recommendations for Antifungal Stewardship: A Statement of the Mycoses Study Group Education and Research Consortium. <i>Journal of Infectious Diseases</i> , 2020 , 222, S175-S198	7	39
123	Drug-Drug Interaction Associated with Mold-Active Triazoles among Hospitalized Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3398-406	5.9	39
122	Pharmacodynamic Evaluation of Rezafungin (CD101) against <i>Candida auris</i> in the Neutropenic Mouse Invasive Candidiasis Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	38
121	Fungal sepsis: optimizing antifungal therapy in the critical care setting. <i>Critical Care Clinics</i> , 2011 , 27, 123-47	4.5	37
120	Comparison of in vitro susceptibility characteristics of <i>Candida</i> species from cases of invasive candidiasis in solid organ and stem cell transplant recipients: Transplant-Associated Infections Surveillance Network (TRANSNET), 2001 to 2006. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 2404-10	9.7	37
119	Optimizing Echinocandin dosing and susceptibility breakpoint determination via in vivo pharmacodynamic evaluation against <i>Candida glabrata</i> with and without fks mutations. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5875-82	5.9	36
118	Clinical utility of antifungal pharmacokinetics and pharmacodynamics. <i>Current Opinion in Infectious Diseases</i> , 2004 , 17, 533-40	5.4	36
117	Pharmacodynamics of a Long-Acting Echinocandin, CD101, in a Neutropenic Invasive-Candidiasis Murine Model Using an Extended-Interval Dosing Design. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	36
116	<i>Candida albicans</i> FRE8 encodes a member of the NADPH oxidase family that produces a burst of ROS during fungal morphogenesis. <i>PLoS Pathogens</i> , 2017 , 13, e1006763	7.6	34
115	Conservation and Divergence in the Species Biofilm Matrix Mannan-Glucan Complex Structure, Function, and Genetic Control. <i>MBio</i> , 2018 , 9,	7.8	34
114	In Vivo Pharmacodynamic Target Assessment of Delafloxacin against <i>Staphylococcus aureus</i> , <i>Streptococcus pneumoniae</i> , and <i>Klebsiella pneumoniae</i> in a Murine Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4764-9	5.9	34
113	Pharmacodynamic Evaluation of Omadacycline (PTK 0796) against <i>Streptococcus pneumoniae</i> in the Murine Pneumonia Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	32
112	The Extracellular Matrix of Fungal Biofilms. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 931, 21-35	3.6	32
111	Transcriptional rewiring over evolutionary timescales changes quantitative and qualitative properties of gene expression. <i>ELife</i> , 2016 , 5,	8.9	32
110	Rat indwelling urinary catheter model of <i>Candida albicans</i> biofilm infection. <i>Infection and Immunity</i> , 2014 , 82, 4931-40	3.7	31
109	Variability and exposure-response relationships of isavuconazole plasma concentrations in the Phase 3 SECURE trial of patients with invasive mould diseases. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 761-767	5.1	31
108	A Dual-Responsive Antibiotic-Loaded Nanoparticle Specifically Binds Pathogens and Overcomes Antimicrobial-Resistant Infections. <i>Advanced Materials</i> , 2021 , 33, e2006772	24	31

107	MSG-10: a Phase 2 study of oral ibrexafungerp (SCY-078) following initial echinocandin therapy in non-neutropenic patients with invasive candidiasis. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3056-3062	5.1	29
106	Bypass of <i>Candida albicans</i> Filamentation/Biofilm Regulators through Diminished Expression of Protein Kinase Cak1. <i>PLoS Genetics</i> , 2016 , 12, e1006487	6	29
105	In vivo pharmacokinetics and pharmacodynamics of the lantibiotic NAI-107 in a neutropenic murine thigh infection model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1258-64	5.9	28
104	The synthesis of indolo[2,3-b]quinoline derivatives with a guanidine group: highly selective cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 105, 208-19	6.8	27
103	Contributions of the Biofilm Matrix to Pathogenesis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	27
102	APX001 Pharmacokinetic/Pharmacodynamic Target Determination against in an Model of Invasive Pulmonary Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	26
101	Impact of in vivo triazole and echinocandin combination therapy for invasive pulmonary aspergillosis: enhanced efficacy against Cyp51 mutant isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5438-47	5.9	26
100	Clinical pharmacodynamic index identification for micafungin in esophageal candidiasis: dosing strategy optimization. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5714-6	5.9	26
99	Pharmacodynamic Target Assessment of Eravacycline against <i>Escherichia coli</i> in a Murine Thigh Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	25
98	We can do better: a fresh look at echinocandin dosing. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, i44-i50	5.1	25
97	Topical delivery of ebselen encapsulated in biopolymeric nanocapsules: drug repurposing enhanced antifungal activity. <i>Nanomedicine</i> , 2018 , 13, 1139-1155	5.6	25
96	In vivo infection models in the pre-clinical pharmacokinetic/pharmacodynamic evaluation of antimicrobial agents. <i>Current Opinion in Pharmacology</i> , 2017 , 36, 94-99	5.1	23
95	Intraluminal Release of an Antifungal Peptide Enhances the Antifungal and Anti-Biofilm Activities of Multilayer-Coated Catheters in a Rat Model of Venous Catheter Infection. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 112-121	5.5	22
94	Clinical pharmacodynamics of antifungals. <i>Infectious Disease Clinics of North America</i> , 2003 , 17, 635-49	6.5	22
93	Pleiotropic effects of the vacuolar ABC transporter MLT1 of <i>Candida albicans</i> on cell function and virulence. <i>Biochemical Journal</i> , 2016 , 473, 1537-52	3.8	21
92	Searching for new derivatives of neocryptolepine: synthesis, antiproliferative, antimicrobial and antifungal activities. <i>European Journal of Medicinal Chemistry</i> , 2014 , 78, 304-13	6.8	20
91	Comparative Pharmacodynamics of Telavancin and Vancomycin in the Neutropenic Murine Thigh and Lung Infection Models against <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	19
90	Use of an animal model of disseminated candidiasis in the evaluation of antifungal therapy. <i>Methods in Molecular Medicine</i> , 2005 , 118, 111-28		19

89	How Clean Is the Linen at My Hospital? The Mucorales on Unclean Linen Discovery Study of Large United States Transplant and Cancer Centers. <i>Clinical Infectious Diseases</i> , 2019 , 68, 850-853	11.6	19
88	Pharmacological Basis of CD101 Efficacy: Exposure Shape Matters. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	18
87	Pharmacokinetics and Pharmacodynamics of Tetracyclines. <i>Infectious Disease and Therapy</i> , 2007 , 267-278		16
86	Novel approaches for the treatment of methicillin-resistant Staphylococcus aureus: Using nanoparticles to overcome multidrug resistance. <i>Drug Discovery Today</i> , 2021 , 26, 31-43	8.8	16
85	Global guideline for the diagnosis and management of the endemic mycoses: an initiative of the European Confederation of Medical Mycology in cooperation with the International Society for Human and Animal Mycology. <i>Lancet Infectious Diseases</i> , 2021 , 21, e364-e374	25.5	16
84	Pharmacodynamics of Omadacycline against Staphylococcus aureus in the Neutropenic Murine Thigh Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	15
83	An oxindole efflux inhibitor potentiates azoles and impairs virulence in the fungal pathogen <i>Candida auris</i> . <i>Nature Communications</i> , 2020 , 11, 6429	17.4	15
82	Large-scale production and isolation of <i>Candida</i> biofilm extracellular matrix. <i>Nature Protocols</i> , 2016 , 11, 2320-2327	18.8	15
81	Outcomes by MIC Values for Patients Treated with Isavuconazole or Voriconazole for Invasive Aspergillosis in the Phase 3 SECURE and VITAL Trials. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	15
80	Insights into fungal pathogenesis from the iatrogenic epidemic of <i>Exserohilum rostratum</i> fungal meningitis. <i>Fungal Genetics and Biology</i> , 2013 , 61, 143-5	3.9	14
79	The Role of In Vitro Susceptibility Testing in the Management of <i>Candida</i> and <i>Aspergillus</i> . <i>Journal of Infectious Diseases</i> , 2017 , 216, S452-S457	7	13
78	Modeling of fungal biofilms using a rat central vein catheter. <i>Methods in Molecular Biology</i> , 2012 , 845, 547-56	1.4	13
77	Antifungal PK/PD considerations in fungal pulmonary infections. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2011 , 32, 783-94	3.9	13
76	Antifungal pharmacokinetics and pharmacodynamics: understanding the implications for antifungal drug resistance. <i>Drug Resistance Updates</i> , 2004 , 7, 185-94	23.2	13
75	WCK 5222 (Cefepime/Zidebactam) Pharmacodynamic Target Analysis against Metallo- β -lactamase producing in the Neutropenic Mouse Pneumonia Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 ,	5.9	13
74	Targeting Fibronectin To Disrupt In Vivo <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3152-5	5.9	12
73	Application of 3D NMR for Structure Determination of Peptide Natural Products. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8713-9	4.2	11
72	Pyonitrins A-D: Chimeric Natural Products Produced by. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17098-17101	16.4	11

71	In vivo pharmacodynamics of lefamulin, the first systemic pleuromutilin for human use, in a neutropenic murine thigh infection model. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, iii5-iii10	5.1	11
70	Biomaterial armor in leaf-cutter ants. <i>Nature Communications</i> , 2020 , 11, 5792	17.4	11
69	Exploiting the vulnerable active site of a copper-only superoxide dismutase to disrupt fungal pathogenesis. <i>Journal of Biological Chemistry</i> , 2019 , 294, 2700-2713	5.4	10
68	Impact of Triazole Therapeutic Drug Monitoring Availability and Timing. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
67	Turbinmicin inhibits <i>Candida</i> biofilm growth by disrupting fungal vesicle-mediated trafficking. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
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