Mariana Castanheira

List of Publications by Citations

290 papers	13,201 citations	61 h-index	100 g-index
301 ext. papers	15,433 ext. citations	5.5 avg, IF	6.88 L-index

#	Paper	IF	Citations
290	Simultaneous Emergence of Multidrug-Resistant Candida auris on 3 Continents Confirmed by Whole-Genome Sequencing and Epidemiological Analyses. *Clinical Infectious Diseases*, **2017**, 64, 134-140	11.6	753
289	Increasing echinocandin resistance in Candida glabrata: clinical failure correlates with presence of FKS mutations and elevated minimum inhibitory concentrations. *Clinical Infectious Diseases*, **2013**, 56, 1724-32	11.6	530
288	Escherichia coli sequence type ST131 as the major cause of serious multidrug-resistant E. coli infections in the United States. *Clinical Infectious Diseases*, **2010**, 51, 286-94	11.6	393
287	Frequency of decreased susceptibility and resistance to echinocandins among fluconazole-resistant bloodstream isolates of Candida glabrata. *Journal of Clinical Microbiology*, **2012**, 50, 1199-203	9.7	284
286	Early dissemination of NDM-1- and OXA-181-producing Enterobacteriaceae in Indian hospitals: report from the SENTRY Antimicrobial Surveillance Program, 2006-2007. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 1274-8	5.9	266
285	Twenty Years of the SENTRY Antifungal Surveillance Program: Results for Species From 1997-2016. *Open Forum Infectious Diseases*, **2019**, 6, S79-S94	1	227
284	Rapid detection and identification of metallo-beta-lactamase-encoding genes by multiplex real-time PCR assay and melt curve analysis. *Journal of Clinical Microbiology*, **2007**, 45, 544-7	9.7	224
283	Molecular characterization of a beta-lactamase gene, blaGIM-1, encoding a new subclass of metallo-beta-lactamase. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 4654-61	5.9	211
282	CLSI Methods Development and Standardization Working Group Best Practices for Evaluation of Antimicrobial Susceptibility Tests. *Journal of Clinical Microbiology*, **2018**, 56,	9.7	187
281	Candida bloodstream infections: comparison of species distribution and resistance to echinocandin and azole antifungal agents in Intensive Care Unit (ICU) and non-ICU settings in the SENTRY Antimicrobial Surveillance Program (2008-2009). *International Journal of Antimicrobial Agents*, **2011**, 38, 65-9	14.3	178
280	First report of cfr-mediated resistance to linezolid in human staphylococcal clinical isolates recovered in the United States. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 2244-6	5.9	178
279	Echinocandin and triazole antifungal susceptibility profiles for clinical opportunistic yeast and mold isolates collected from 2010 to 2011: application of new CLSI clinical breakpoints and epidemiological cutoff values for characterization of geographic and temporal trends of antifungal resistance. *Journal of Clinical Microbiology*, **2013**, 51, 2571-81	9.7	174
278	Candida bloodstream infections: comparison of species distributions and antifungal resistance patterns in community-onset and nosocomial isolates in the SENTRY Antimicrobial Surveillance Program, 2008-2009. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 561-6	5.9	172
277	Antimicrobial resistance among Gram-negative bacilli isolated from Latin America: results from SENTRY Antimicrobial Surveillance Program (Latin America, 2008-2010). *Diagnostic Microbiology and Infectious Disease*, **2012**, 73, 354-60	2.9	169
276	Geographic variations in species distribution and echinocandin and azole antifungal resistance rates among Candida bloodstream infection isolates: report from the SENTRY Antimicrobial Surveillance Program (2008 to 2009). *Journal of Clinical Microbiology*, **2011**, 49, 396-9	9.7	154
275	Contemporary diversity of β-lactamases among Enterobacteriaceae in the nine U.S. census regions and ceftazidime-avibactam activity tested against isolates producing the most prevalent β-lactamase groups. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 833-8	5.9	147
274	Epidemiology and carbapenem resistance mechanisms of carbapenem-non-susceptible Pseudomonas aeruginosa collected during 2009-11 in 14 European and Mediterranean countries. *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 1804-14	5.1	135

273	Antimicrobial activities of tigecycline and other broad-spectrum antimicrobials tested against serine carbapenemase- and metallo-beta-lactamase-producing Enterobacteriaceae: report from the SENTRY Antimicrobial Surveillance Program. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 570-3	5.9	127
272	Emergence and widespread dissemination of OXA-23, -24/40 and -58 carbapenemases among Acinetobacter spp. in Asia-Pacific nations: report from the SENTRY Surveillance Program. *Journal of Antimicrobial Chemotherapy*, **2009**, 63, 55-9	5.1	124
271	Antimicrobial activity of ceftazidime-avibactam against Gram-negative organisms collected from U.S. medical centers in 2012. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 1684-92	5.9	116
270	Meropenem-Vaborbactam Tested against Contemporary Gram-Negative Isolates Collected Worldwide during 2014, Including Carbapenem-Resistant, KPC-Producing, Multidrug-Resistant, and Extensively Drug-Resistant Enterobacteriaceae. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	116
269	Variation in Candida spp. distribution and antifungal resistance rates among bloodstream infection isolates by patient age: report from the SENTRY Antimicrobial Surveillance Program (2008-2009). *Diagnostic Microbiology and Infectious Disease*, **2010**, 68, 278-83	2.9	115
268	Antimicrobial activity of ceftolozane/tazobactam tested against Pseudomonas aeruginosa and Enterobacteriaceae with various resistance patterns isolated in European hospitals (2011-12). *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 2713-22	5.1	114
267	OXA-163, an OXA-48-related class D -lactamase with extended activity toward expanded-spectrum cephalosporins. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 2546-51	5.9	110
266	Low prevalence of fks1 hot spot 1 mutations in a worldwide collection of Candida strains. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 2655-9	5.9	102
265	Detection of methyltransferases conferring high-level resistance to aminoglycosides in enterobacteriaceae from Europe, North America, and Latin America. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 1843-5	5.9	102
264	Effect of the -Lactamase Inhibitor Vaborbactam Combined with Meropenem against Serine Carbapenemase-Producing Enterobacteriaceae. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 5454-8	5.9	98
263	Wild-type MIC distributions and epidemiological cutoff values for amphotericin B, flucytosine, and itraconazole and Candida spp. as determined by CLSI broth microdilution. *Journal of Clinical Microbiology*, **2012**, 50, 2040-6	9.7	98
262	Mutation-driven -lactam resistance mechanisms among contemporary ceftazidime-nonsusceptible Pseudomonas aeruginosa isolates from U.S. hospitals. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 6844-50	5.9	93
261	Ceftazidime-avibactam activity tested against Enterobacteriaceae isolates from U.S. hospitals (2011 to 2013) and characterization of -lactamase-producing strains. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 3509-17	5.9	92
260	Nosocomial Candidiasis: Antifungal Stewardship and the Importance of Rapid Diagnosis. *Medical Mycology*, **2016**, 54, 1-22	3.9	90
259	Echinocandin and triazole antifungal susceptibility profiles for Candida spp., Cryptococcus neoformans, and Aspergillus fumigatus: application of new CLSI clinical breakpoints and epidemiologic cutoff values to characterize resistance in the SENTRY Antimicrobial Surveillance Program (2008). *Diagnostic Microbiology and Infectious Disease*, **2011**, 69, 45-50	2.9	90
258	Isavuconazole, micafungin, and 8 comparator antifungal agents' susceptibility profiles for common and uncommon opportunistic fungi collected in 2013: temporal analysis of antifungal drug resistance using CLSI species-specific clinical breakpoints and proposed epidemiological cutoff	2.9	86
257	Detection of mcr-1 among Escherichia coli Clinical Isolates Collected Worldwide as Part of the SENTRY Antimicrobial Surveillance Program in 2014 and 2015. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 5623-4	5.9	86
256	Prevalence of -lactamase-encoding genes among Enterobacteriaceae bacteremia isolates collected in 26 U.S. hospitals: report from the SENTRY Antimicrobial Surveillance Program (2010). *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 3012-20	5.9	85

255	Comparison of Escherichia coli ST131 pulsotypes, by epidemiologic traits, 1967-2009. *Emerging Infectious Diseases*, **2012**, 18, 598-607	10.2	85
254	Antifungal susceptibility patterns of a global collection of fungal isolates: results of the SENTRY Antifungal Surveillance Program (2013). *Diagnostic Microbiology and Infectious Disease*, **2016**, 85, 200-4	2.9	82
253	First descriptions of blaKPC in Raoultella spp. (R. planticola and R. ornithinolytica): report from the SENTRY Antimicrobial Surveillance Program. *Journal of Clinical Microbiology*, **2009**, 47, 4129-30	9.7	81
252	Candida guilliermondii and other species of candida misidentified as Candida famata: assessment by vitek 2, DNA sequencing analysis, and matrix-assisted laser desorption ionization-time of flight mass spectrometry in two global antifungal surveillance programs. *Journal of Clinical Microbiology*, **2013**, 51, 117-24	9.7	79
251	Susceptibility rates in Latin American nations: report from a regional resistance surveillance program (2011). *Brazilian Journal of Infectious Diseases*, **2013**, 17, 672-81	2.8	77
250	Activity of MK-3118, a new oral glucan synthase inhibitor, tested against Candida spp. by two international methods (CLSI and EUCAST). *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 858-63	5.1	77
249	Occurrence and molecular characterization of fusidic acid resistance mechanisms among Staphylococcus spp. from European countries (2008). *Journal of Antimicrobial Chemotherapy*, **2010**, 65, 1353-8	5.1	77
248	Dissemination and diversity of metallo-beta-lactamases in Latin America: report from the SENTRY Antimicrobial Surveillance Program. *International Journal of Antimicrobial Agents*, **2005**, 25, 57-61	14.3	75
247	Antimicrobial Activity of Ceftazidime-Avibactam Tested against Multidrug-Resistant Enterobacteriaceae and Pseudomonas aeruginosa Isolates from U.S. Medical Centers, 2013 to 2016. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	73
246	Fusidic acid resistance rates and prevalence of resistance mechanisms among Staphylococcus spp. isolated in North America and Australia, 2007-2008. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 3614-7	5.9	73
245	Antimicrobial Susceptibility of Complex and Clinical Isolates: Results From the SENTRY Antimicrobial Surveillance Program (1997-2016). *Open Forum Infectious Diseases*, **2019**, 6, S34-S46	1	72
244	Rapid emergence of blaCTX-M among Enterobacteriaceae in U.S. Medical Centers: molecular evaluation from the MYSTIC Program (2007). *Microbial Drug Resistance*, **2008**, 14, 211-6	2.9	72
243	Activity of a long-acting echinocandin, CD101, determined using CLSI and EUCAST reference methods, against Candida and Aspergillus spp., including echinocandin- and azole-resistant isolates. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 2868-73	5.1	71
242	United States resistance surveillance results for linezolid (LEADER Program for 2007). *Diagnostic Microbiology and Infectious Disease*, **2008**, 62, 416-26	2.9	69
241	WCK 5222 (cefepime/zidebactam) antimicrobial activity tested against Gram-negative organisms producing clinically relevant β-lactamases. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1696-1703	5.1	68
240	Resistance surveillance program report for selected European nations (2011). *Diagnostic Microbiology and Infectious Disease*, **2014**, 78, 429-36	2.9	68
239	Activities of E1210 and comparator agents tested by CLSI and EUCAST broth microdilution methods against Fusarium and Scedosporium species identified using molecular methods. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 352-7	5.9	68
238	Regional data analysis of Candida non-albicans strains collected in United States medical sites over a 6-year period, 2006-2011. *Mycoses*, **2014**, 57, 602-11	5.2	67

237	In vitro activity of a new oral glucan synthase inhibitor (MK-3118) tested against Aspergillus spp. by CLSI and EUCAST broth microdilution methods. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 1065-8	5.9	67
236	Pseudomonas aeruginosa Antimicrobial Susceptibility Results from Four Years (2012 to 2015) of the International Network for Optimal Resistance Monitoring Program in the United States. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	66
235	In vitro activities of isavuconazole and comparator antifungal agents tested against a global collection of opportunistic yeasts and molds. *Journal of Clinical Microbiology*, **2013**, 51, 2608-16	9.7	66
234	Ceftazidime-avibactam activity against multidrug-resistant Pseudomonas aeruginosa isolated in U.S. medical centers in 2012 and 2013. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 3656-9	5.9	65
233	Pharmacokinetics-pharmacodynamics of tazobactam in combination with ceftolozane in an in vitro infection model. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 2809-14	5.9	65
232	Variations in the Occurrence of Resistance Phenotypes and Carbapenemase Genes Among Isolates in 20 Years of the SENTRY Antimicrobial Surveillance Program. *Open Forum Infectious Diseases*, **2019**, 6, S23-S33	1	64
231	Activity of ceftaroline-avibactam tested against Gram-negative organism populations, including strains expressing one or more Ⅎlactamases and methicillin-resistant Staphylococcus aureus carrying various staphylococcal cassette chromosome mec types. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 4779-85	5.9	64
230	In vitro activity of ceftaroline against multidrug-resistant Staphylococcus aureus and Streptococcus pneumoniae: a review of published studies and the AWARE Surveillance Program (2008-2010). *Clinical Infectious Diseases*, **2012**, 55 Suppl 3, S206-14	11.6	64
229	Ceftolozane/tazobactam activity against drug-resistant Enterobacteriaceae and Pseudomonas aeruginosa causing urinary tract and intraabdominal infections in Europe: report from an antimicrobial surveillance programme (2012-15). *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1386-1395	5.1	61
228	Regional resistance surveillance program results for 12 Asia-Pacific nations (2011). *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 5721-6	5.9	60
227	Significance of molecular identification and antifungal susceptibility of clinically significant yeasts and moulds in a global antifungal surveillance programme. *Mycopathologia*, **2012**, 174, 259-71	2.9	60
226	Pharmacodynamics of Ⅎlactamase inhibition by NXL104 in combination with ceftaroline: examining organisms with multiple types of Ⅎlactamases. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 258-70	5.9	60
225	Monitoring Antifungal Resistance in a Global Collection of Invasive Yeasts and Molds: Application of CLSI Epidemiological Cutoff Values and Whole-Genome Sequencing Analysis for Detection of Azole Resistance in Candida albicans. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	59
224	Frequency of fks mutations among Candida glabrata isolates from a 10-year global collection of bloodstream infection isolates. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 577-80	5.9	59
223	Trends in carbapenemase-producing Escherichia coli and Klebsiella spp. from Europe and the Americas: report from the SENTRY antimicrobial surveillance programme (2007-09). *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 1409-11	5.1	59
222	Antimicrobial Activities of Aztreonam-Avibactam and Comparator Agents against Contemporary (2016) Clinical Enterobacteriaceae Isolates. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	58
221	Activity of echinocandins and triazoles against a contemporary (2012) worldwide collection of yeast and moulds collected from invasive infections. *International Journal of Antimicrobial Agents*, **2014**, 44, 320-6	14.3	58
220	In vitro activity of meropenem/vaborbactam and characterisation of carbapenem resistance mechanisms among carbapenem-resistant Enterobacteriaceae from the 2015 meropenem/vaborbactam surveillance programme. *International Journal of Antimicrobial Agents*, **2018**, 52, 144-150	14.3	57

219	Comparison of EUCAST and CLSI broth microdilution methods for the susceptibility testing of 10 systemically active antifungal agents when tested against Candida spp. *Diagnostic Microbiology and Infectious Disease*, **2014**, 79, 198-204	2.9	57
218	In vitro activity of a novel broad-spectrum antifungal, E1210, tested against Aspergillus spp. determined by CLSI and EUCAST broth microdilution methods. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 5155-8	5.9	57
217	Ceftazidime/avibactam tested against Gram-negative bacteria from intensive care unit (ICU) and non-ICU patients, including those with ventilator-associated pneumonia. *International Journal of Antimicrobial Agents*, **2015**, 46, 53-9	14.3	55
216	Update on Acinetobacter species: mechanisms of antimicrobial resistance and contemporary in vitro activity of minocycline and other treatment options. *Clinical Infectious Diseases*, **2014**, 59 Suppl 6, S367-73	11.6	55
215	Triazole and echinocandin MIC distributions with epidemiological cutoff values for differentiation of wild-type strains from non-wild-type strains of six uncommon species of Candida. *Journal of Clinical Microbiology*, **2011**, 49, 3800-4	9.7	55
214	Ceftolozane-Tazobactam Activity against Pseudomonas aeruginosa Clinical Isolates from U.S. Hospitals: Report from the PACTS Antimicrobial Surveillance Program, 2012 to 2015. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	54
213	Antimicrobial Susceptibility of Enterobacteriaceae and Pseudomonas aeruginosa Isolates from United States Medical Centers Stratified by Infection Type: Results from the International Network for Optimal Resistance Monitoring (INFORM) Surveillance Program, 2015-2016. *Diagnostic Microbiology and Infectious Disease*, **2018**, 92, 69-74	2.9	54
212	Antimicrobial activities of doripenem and other carbapenems against Pseudomonas aeruginosa, other nonfermentative bacilli, and Aeromonas spp. *Diagnostic Microbiology and Infectious Disease*, **2009**, 63, 426-33	2.9	54
211	Carbapenem resistance among Pseudomonas aeruginosa strains from India: evidence for nationwide endemicity of multiple metallo-beta-lactamase clones (VIM-2, -5, -6, and -11 and the newly characterized VIM-18). *Antimicrobial Agents and Chemotherapy*, **2009**, 53, 1225-7	5.9	53
210	WCK 5222 (Cefepime-Zidebactam) Antimicrobial Activity against Clinical Isolates of Gram-Negative Bacteria Collected Worldwide in 2015. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	52
209	Evaluation of the Synergy of Ceftazidime-Avibactam in Combination with Meropenem, Amikacin, Aztreonam, Colistin, or Fosfomycin against Well-Characterized Multidrug-Resistant Klebsiella pneumoniae and Pseudomonas aeruginosa. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	52
208	The Pandemic 30 Subclone of Sequence Type 131 (ST131) as the Leading Cause of Multidrug-Resistant Infections in the United States (2011-2012). *Open Forum Infectious Diseases*, **2017**, 4, ofx089	1	52
207	Activity of Plazomicin against Gram-Negative and Gram-Positive Isolates Collected from U.S. Hospitals and Comparative Activities of Aminoglycosides against Carbapenem-Resistant Enterobacteriaceae and Isolates Carrying Carbapenemase Genes. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	51
206	Wild-type MIC distributions and epidemiologic cutoff values for fluconazole, posaconazole, and voriconazole when testing Cryptococcus neoformans as determined by the CLSI broth microdilution method. *Diagnostic Microbiology and Infectious Disease*, **2011**, 71, 252-9	2.9	51
205	Meropenem-Vaborbactam as Salvage Therapy for Ceftazidime-Avibactam-Resistant Bacteremia and Abscess in a Liver Transplant Recipient. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	51
204	In vitro activity of a Hos2 deacetylase inhibitor, MGCD290, in combination with echinocandins against echinocandin-resistant Candida species. *Diagnostic Microbiology and Infectious Disease*, **2015**, 81, 259-63	2.9	50
203	Evolving oxazolidinone resistance mechanisms in a worldwide collection of enterococcal clinical isolates: results from the SENTRY Antimicrobial Surveillance Program. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2314-2322	5.1	50
202	Characterization of global patterns and the genetics of fusidic acid resistance. *Clinical Infectious Diseases*, **2011**, 52 Suppl 7, S487-92	11.6	50

201	Longitudinal (2001-14) analysis of enterococci and VRE causing invasive infections in European and US hospitals, including a contemporary (2010-13) analysis of oritavancin in vitro potency. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 3453-3458	5.1	50
200	Differential Activity of the Oral Glucan Synthase Inhibitor SCY-078 against Wild-Type and Echinocandin-Resistant Strains of Candida Species. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	49
199	Characterization of an integron carrying blaIMP-1 and a new aminoglycoside resistance gene, aac(6Q-31, and its dissemination among genetically unrelated clinical isolates in a Brazilian hospital. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 2611-4	5.9	49
198	Trends in Klebsiella pneumoniae carbapenemase-positive K. pneumoniae in US hospitals: report from the 2007-2009 SENTRY Antimicrobial Surveillance Program. *Diagnostic Microbiology and Infectious Disease*, **2013**, 76, 356-60	2.9	48
197	Tigecycline activity tested against carbapenem-resistant Enterobacteriaceae from 18 European nations: results from the SENTRY surveillance program (2010-2013). *Diagnostic Microbiology and Infectious Disease*, **2015**, 83, 183-6	2.9	47
196	In vitro activity of a novel broad-spectrum antifungal, E1210, tested against Candida spp. as determined by CLSI broth microdilution method. *Diagnostic Microbiology and Infectious Disease*, **2011**, 71, 167-70	2.9	47
195	CD101, a long-acting echinocandin, and comparator antifungal agents tested against a global collection of invasive fungal isolates in the SENTRY 2015 Antifungal Surveillance Program. *International Journal of Antimicrobial Agents*, **2017**, 50, 352-358	14.3	46
194	Evaluation of clonality and carbapenem resistance mechanisms among Acinetobacter baumannii-Acinetobacter calcoaceticus complex and Enterobacteriaceae isolates collected in European and Mediterranean countries and detection of two novel □lactamases, GES-22 and VIM-35. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 7358-66	5.9	45
193	Rapid expansion of KPC-2-producing Klebsiella pneumoniae isolates in two Texas hospitals due to clonal spread of ST258 and ST307 lineages. *Microbial Drug Resistance*, **2013**, 19, 295-7	2.9	45
192	Extended-spectrum □lactamases: an update on their characteristics, epidemiology and detection. *JAC-Antimicrobial Resistance*, **2021**, 3, dlab092	2.9	44
191	CEM-101, a novel fluoroketolide: antimicrobial activity against a diverse collection of Gram-positive and Gram-negative bacteria. *Diagnostic Microbiology and Infectious Disease*, **2010**, 66, 393-401	2.9	43
190	Changes in the Frequencies of □Lactamase Genes among Enterobacteriaceae Isolates in U.S. Hospitals, 2012 to 2014: Activity of Ceftazidime-Avibactam Tested against □Lactamase-Producing Isolates. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 4770-7	5.9	43
189	Antifungal susceptibilities of Candida, Cryptococcus neoformans and Aspergillus fumigatus from the Asia and Western Pacific region: data from the SENTRY antifungal surveillance program (2010-2012). *Journal of Antibiotics*, **2015**, 68, 556-61	3.7	42
188	Use of micafungin as a surrogate marker to predict susceptibility and resistance to caspofungin among 3,764 clinical isolates of Candida by use of CLSI methods and interpretive criteria. *Journal of Clinical Microbiology*, **2014**, 52, 108-14	9.7	42
187	Antimicrobial susceptibility patterns of KPC-producing or CTX-M-producing Enterobacteriaceae. *Microbial Drug Resistance*, **2010**, 16, 61-5	2.9	42
186	How to: EUCAST recommendations on the screening procedure E.Def 10.1 for the detection of azole resistance in Aspergillus fumigatus isolates using four-well azole-containing agar plates. *Clinical Microbiology and Infection*, **2019**, 25, 681-687	9.5	42
185	Use of anidulafungin as a surrogate marker to predict susceptibility and resistance to caspofungin among 4,290 clinical isolates of Candida by using CLSI methods and interpretive criteria. *Journal of Clinical Microbiology*, **2014**, 52, 3223-9	9.7	41
184	Antimicrobial characterisation of CEM-101 activity against respiratory tract pathogens, including multidrug-resistant pneumococcal serogroup 19A isolates. *International Journal of Antimicrobial Agents*, **2010**, 35, 537-43	14.3	41

183	Antimicrobial Activity of Ceftolozane-Tazobactam Tested Against Enterobacteriaceae and Pseudomonas aeruginosa with Various Resistance Patterns Isolated in U.S. Hospitals (2013-2016) as Part of the Surveillance Program: Program to Assess Ceftolozane-Tazobactam Susceptibility. *Microbial Drug Resistance*, **2018**, 24, 563-577	2.9	39
182	Increasing carbapenem resistance due to the clonal dissemination of oxacillinase (OXA-23 and OXA-58)-producing Acinetobacter baumannii: report from the Turkish SENTRY Program sites. *Journal of Medical Microbiology*, **2008**, 57, 1529-1532	3.2	39
181	Low Frequency of Ceftazidime-Avibactam Resistance among Enterobacteriaceae Isolates Carrying Collected in U.S. Hospitals from 2012 to 2015. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	38
180	High Rates of Nonsusceptibility to Ceftazidime-avibactam and Identification of New Delhi Metallo-β-lactamase Production in Enterobacteriaceae Bloodstream Infections at a Major Cancer Center. *Clinical Infectious Diseases*, **2016**, 63, 954-958	11.6	38
179	Candidemia surveillance in Iowa: emergence of echinocandin resistance. *Diagnostic Microbiology and Infectious Disease*, **2014**, 79, 205-8	2.9	38
178	Pre-clinical development of antifungal susceptibility test methods for the testing of the novel antifungal agent E1210 versus Candida: comparison of CLSI and European Committee on Antimicrobial Susceptibility Testing methods. *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 2581-4	5.1	38
177	Tigecycline antimicrobial activity tested against clinical bacteria from Latin American medical centres: results from SENTRY Antimicrobial Surveillance Program (2011-2014). *International Journal of Antimicrobial Agents*, **2016**, 48, 144-50	14.3	38
176	Activity of plazomicin compared with other aminoglycosides against isolates from European and adjacent countries, including Enterobacteriaceae molecularly characterized for aminoglycoside-modifying enzymes and other resistance mechanisms. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 3346-3354	5.1	38
175	ZAAPS programme results for 2016: an activity and spectrum analysis of linezolid using clinical isolates from medical centres in 42 countries. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1880-1887	5.1	37
174	First isolation of bla(VIM-2) in Latin America: report from the SENTRY Antimicrobial Surveillance Program. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 1433-4	5.9	37
173	Epidemic Emergence in the United States of Escherichia coli Sequence Type 131-30 (ST131-30), 2000 to 2009. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	36
172	Optimizing Echinocandin dosing and susceptibility breakpoint determination via in vivo pharmacodynamic evaluation against Candida glabrata with and without fks mutations. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 5875-82	5.9	36
171	TR-700 in vitro activity against and resistance mutation frequencies among Gram-positive pathogens. *Journal of Antimicrobial Chemotherapy*, **2009**, 63, 716-20	5.1	35
170	Emergence of the extended-spectrum beta-lactamase GES-1 in a Pseudomonas aeruginosa strain from Brazil: report from the SENTRY antimicrobial surveillance program. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 2344-5	5.9	35
169	Activity of a Long-Acting Echinocandin (CD101) and Seven Comparator Antifungal Agents Tested against a Global Collection of Contemporary Invasive Fungal Isolates in the SENTRY 2014 Antifungal Surveillance Program. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	34
168	Isavuconazole and nine comparator antifungal susceptibility profiles for common and uncommon Candida species collected in 2012: application of new CLSI clinical breakpoints and epidemiological cutoff values. *Mycopathologia*, **2014**, 178, 1-9	2.9	34
167	Relationship between ceftolozane-tazobactam exposure and selection for Pseudomonas aeruginosa resistance in a hollow-fiber infection model. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 6024-31	5.9	34
166	Relationship between ceftolozane-tazobactam exposure and drug resistance amplification in a hollow-fiber infection model. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 4134-8	5.9	34

165	Antimicrobial characterisation of solithromycin (CEM-101), a novel fluoroketolide: activity against staphylococci and enterococci. *International Journal of Antimicrobial Agents*, **2011**, 37, 39-45	14.3	34
164	In vitro antimicrobial findings for fusidic acid tested against contemporary (2008-2009) gram-positive organisms collected in the United States. *Clinical Infectious Diseases*, **2011**, 52 Suppl 7, S477-86	11.6	34
163	Update of the in vitro activity of daptomycin tested against 6710 Gram-positive cocci isolated in North America (2006). *Diagnostic Microbiology and Infectious Disease*, **2008**, 61, 235-9	2.9	34
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4	Selection of the appropriate avibactam concentration for use with ceftibuten in broth microdilution susceptibility testing.. *Diagnostic Microbiology and Infectious Disease*, **2022**, 103, 115673	2.9	0

3	Regional pooling of national data from a small number of sites can be misleading: maybe yes? But data can be complimentary to other studies and valuable to infectious disease physicians!. *Diagnostic Microbiology and Infectious Disease*, **2014**, 80, 91-2	2.9
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1	Reply: regional pooling of national data from a small number of sites can be misleading: maybe yes? But data can be complimentary to other studies and valuable to infectious disease physicians!. *Diagnostic Microbiology and Infectious Disease*, **2014**,	2.9