Mariana Castanheira

List of Publications by Year
in descending order

298	17,526	11646 70	21539 114
papers	citations	h-index	g-index

301	301	301	12399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous Emergence of Multidrug-ResistantCandida aurison 3 Continents Confirmed by Whole-Genome Sequencing and Epidemiological Analyses. Clinical Infectious Diseases, 2017, 64, 134-140.	5.8	1,099
2	Increasing Echinocandin Resistance in Candida glabrata: Clinical Failure Correlates With Presence of FKS Mutations and Elevated Minimum Inhibitory Concentrations. Clinical Infectious Diseases, 2013, 56, 1724-1732.	5.8	638
3	Escherichia coliSequence Type ST131 as the Major Cause of Serious Multidrugâ€ResistantE. coliInfections in the United States. Clinical Infectious Diseases, 2010, 51, 286-294.	5.8	457
4	Twenty Years of the SENTRY Antifungal Surveillance Program: Results for Candida Species From 1997â€“2016. Open Forum Infectious Diseases, 2019, 6, S79-S94.	0.9	456
5	CLSI Methods Development and Standardization Working Group Best Practices for Evaluation of Antimicrobial Susceptibility Tests. Journal of Clinical Microbiology, 2018, 56, .	3.9	372
6	Frequency of Decreased Susceptibility and Resistance to Echinocandins among Fluconazole-Resistant Bloodstream Isolates of Candida glabrata. Journal of Clinical Microbiology, 2012, 50, 1199-1203.	3.9	318
7	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, 1274-1278.	3.2	303
8	Rapid Detection and Identification of Metallo-Î²-Lactamase-Encoding Genes by Multiplex Real-Time PCR Assay and Melt Curve Analysis. Journal of Clinical Microbiology, 2007, 45, 544-547.	3.9	259
9	Extended-spectrum Î²-lactamases: an update on their characteristics, epidemiology and detection. JAC-Antimicrobial Resistance, 2021, 3, dlab092.	2.1	256
10	Molecular Characterization of a Î²-Lactamase Gene, bla GIM-1 , Encoding a New Subclass of Metallo-Î²-Lactamase. Antimicrobial Agents and Chemotherapy, 2004, 48, 4654-4661.	3.2	236
11	Antimicrobial resistance among Gram-negative bacilli isolated from Latin America: results from SENTRY Antimicrobial Surveillance Program (Latin America, 2008â€“2010). Diagnostic Microbiology and Infectious Disease, 2012, 73, 354-360.	1.8	222
12	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 (2008â€“2009). International Journal of Antimicrobial Agents, 2011, 38, 65-69.	2.5	216
13	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, 2571-2581.	3.9	209
14	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, 561-566.	3.2	204
15	First Report of cfr -Mediated Resistance to Linezolid in Human Staphylococcal Clinical Isolates Recovered in the United States. Antimicrobial Agents and Chemotherapy, 2008, 52, 2244-2246.	3.2	203
16	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, 396-399.	3.9	192
17	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, 1804-1814.	3.0	173
18	Contemporary Diversity of Î²-Lactamases among Enterobacteriaceae in the Nine U.S. Census Regions and Ceftazidime-Avibactam Activity Tested against Isolates Producing the Most Prevalent Î²-Lactamase Groups. Antimicrobial Agents and Chemotherapy, 2014, 58, 833-838.	3.2	170

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19	Variation in Candida spp. distribution and antifungal resistance rates among bloodstream infection isolates by patient age: report from the SENTRY Antimicrobial Surveillance Program (2008â€“2009). Diagnostic Microbiology and Infectious Disease, 2010, 68, 278-283.	1.8	141
20	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, .	3.2	141
21	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, 2008, 63, 55-59.	3.0	139
22	Antimicrobial Susceptibility of Acinetobacter calcoaceticusâ€“Acinetobacter baumannii Complex and Stenotrophomonas maltophilia Clinical Isolates: Results From the SENTRY Antimicrobial Surveillance Program (1997â€“2016). Open Forum Infectious Diseases, 2019, 6, S34-S46.	0.9	136
23	Antimicrobial Activities of Tigecycline and Other Broad-Spectrum Antimicrobials Tested against Serine Carbapenemase- and Metallo-Î²-Lactamase-Producing Enterobacteriaceae : Report from the SENTRY Antimicrobial Surveillance Program. Antimicrobial Agents and Chemotherapy, 2008, 52, 570-573.	3.2	131
24	Antimicrobial activity of ceftolozane/tazobactam tested against Pseudomonas aeruginosa and Enterobacteriaceae with various resistance patterns isolated in European hospitals (2011â€“12). Journal of Antimicrobial Chemotherapy, 2014, 69, 2713-2722.	3.0	130
25	Antimicrobial Activity of Ceftazidime-Avibactam against Gram-Negative Organisms Collected from U.S. Medical Centers in 2012. Antimicrobial Agents and Chemotherapy, 2014, 58, 1684-1692.	3.2	129
26	OXA-163, an OXA-48-Related Class D Î²-Lactamase with Extended Activity Toward Expanded-Spectrum Cephalosporins. Antimicrobial Agents and Chemotherapy, 2011, 55, 2546-2551.	3.2	128
27	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, 2040-2046.	3.9	128
28	Variations in the Occurrence of Resistance Phenotypes and Carbapenemase Genes Among Enterobacteriaceae Isolates in 20 Years of the SENTRY Antimicrobial Surveillance Program. Open Forum Infectious Diseases, 2019, 6, S23-S33.	0.9	124
29	Effect of the Î²-Lactamase Inhibitor Vaborbactam Combined with Meropenem against Serine Carbapenemase-Producing Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2016, 60, 5454-5458.	3.2	121
30	Detection of Methyltransferases Conferring High-Level Resistance to Aminoglycosides in Enterobacteriaceae from Europe, North America, and Latin America. Antimicrobial Agents and Chemotherapy, 2008, 52, 1843-1845.	3.2	119
31	Nosocomial Candidiasis: Antifungal Stewardship and the Importance of Rapid Diagnosis. Medical Mycology, 2016, 54, myv076.	0.7	119
32	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, 200-204.	1.8	119
33	Mutation-Driven Î²-Lactam Resistance Mechanisms among Contemporary Ceftazidime-Nonsusceptible Pseudomonas aeruginosa Isolates from U.S. Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 6844-6850.	3.2	118
34	Low Prevalence of fks1 Hot Spot 1 Mutations in a Worldwide Collection of Candida Strains. Antimicrobial Agents and Chemotherapy, 2010, 54, 2655-2659.	3.2	112
35	Ceftazidime-Avibactam Activity Tested against Enterobacteriaceae Isolates from U.S. Hospitals (2011 to) Tj ETQq1 1 0.784314 rgBT /Ov 2015, 59, 3509-3517.	3.2	104
36	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 values. Diagnostic Microbiology and Infectious Disease, 2015, 82, 303-313.	1.8	103

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37	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, .	3.2	103
38	Susceptibility rates in Latin American nations: report from a regional resistance surveillance program (2011). Brazilian Journal of Infectious Diseases, 2013, 17, 672-681.	0.6	101
39	Prevalence of Î²-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, 3012-3020.	3.2	100
40	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, 5623-5624.	3.2	100
41	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 (2009). Diagnostic Microbiology and Infectious Disease, 2011, 69, 45-50.	1.8	96
42	Dissemination and diversity of metallo-Î²-lactamases in Latin America: report from the SENTRY Antimicrobial Surveillance Program. International Journal of Antimicrobial Agents, 2005, 25, 57-61.	2.5	93
43	Comparison ofEscherichia coliST131 Pulsotypes, by Epidemiologic Traits, 1967â€“2009. Emerging Infectious Diseases, 2012, 18, 598-607.	4.3	93
44	First Descriptions of bla _{KPC} in Raoultella spp. (R. planticola and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Clinical Microbiology, 2009, 47, 4129-4130.	3.9	92
45	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, .	3.2	91
46	Occurrence and molecular characterization of fusidic acid resistance mechanisms among Staphylococcus spp. from European countries (2008). Journal of Antimicrobial Chemotherapy, 2010, 65, 1353-1358.	3.0	89
47	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, .	3.2	89
48	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, 2015â€“2016. Diagnostic Microbiology and Infectious Disease, 2018, 92, 69-74.	1.8	89
49	Candida guilliermondii and Other Species of Candida Misidentified as Candida famata: Assessment by Vitek 2, DNA Sequencing Analysis, and Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry in Two Global Antifungal Surveillance Programs. Journal of Clinical Microbiology, 2013, 51, 117-124.	3.9	88
50	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, 858-863.	3.0	87
51	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, .	3.2	87
52	Activity of a long-acting echinocandin, CD101, determined using CLSI and EUCAST reference methods, againstCandidaandAspergillusspp., including echinocandin- and azole-resistant isolates. Journal of Antimicrobial Chemotherapy, 2016, 71, 2868-2873.	3.0	85
53	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, 352-357.	3.2	82
54	Regional data analysis of Candida nonâ€albicans strains collected in United States medical sites over a 6â€year period, 2006â€“2011. Mycoses, 2014, 57, 602-611.	4.0	82

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55	WCK 5222 (cefepime/zidebactam) antimicrobial activity tested against Gram-negative organisms producing clinically relevant Î²-lactamases. Journal of Antimicrobial Chemotherapy, 2017, 72, 1696-1703.	3.0	81
56	United States resistance surveillance results for linezolid (LEADER Program for 2007). Diagnostic Microbiology and Infectious Disease, 2008, 62, 416-426.	1.8	80
57	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, 1065-1068.	3.2	80
58	Rapid Emergence ofbla_{CTX-M}Among Enterobacteriaceae in U.S. Medical Centers: Molecular Evaluation from the MYSTIC Program (2007). Microbial Drug Resistance, 2008, 14, 211-216.	2.0	79
59	Pharmacokinetics-Pharmacodynamics of Tazobactam in Combination with Ceftolozane in an In Vitro Infection Model. Antimicrobial Agents and Chemotherapy, 2013, 57, 2809-2814.	3.2	79
60	Ceftolozane/tazobactam activity against drug-resistant Enterobacteriaceae and Pseudomonas aeruginosa causing urinary tract and intraabdominal infections in Europe: report from an antimicrobial surveillance programme (2012â€“15). Journal of Antimicrobial Chemotherapy, 2017, 72, 1386-1395.	3.0	79
61	The Pandemic H30 Subclone of Sequence Type 131 (ST131) as the Leading Cause of Multidrug-Resistant Escherichia coli Infections in the United States (2011â€“2012). Open Forum Infectious Diseases, 2017, 4, ofx089.	0.9	79
62	In Vitro Activity of Ceftaroline Against Multidrug-Resistant Staphylococcus aureus and Streptococcus pneumoniae: A Review of Published Studies and the AWARE Surveillance Program (2008â€“2010). Clinical Infectious Diseases, 2012, 55, S206-S214.	5.8	78
63	Resistance surveillance program report for selected European nations (2011). Diagnostic Microbiology and Infectious Disease, 2014, 78, 429-436.	1.8	78
64	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, 3614-3617.	3.2	77
65	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.	2.5	77
66	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, 2608-2616.	3.9	75
67	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, 53-59.	2.5	75
68	Regional Resistance Surveillance Program Results for 12 Asia-Pacific Nations (2011). Antimicrobial Agents and Chemotherapy, 2013, 57, 5721-5726.	3.2	74
69	Ceftazidime-Avibactam Activity against Multidrug-Resistant Pseudomonas aeruginosa Isolated in U.S. Medical Centers in 2012 and 2013. Antimicrobial Agents and Chemotherapy, 2015, 59, 3656-3659.	3.2	74
70	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, .	3.2	73
71	Significance of Molecular Identification and Antifungal Susceptibility of Clinically Significant Yeasts and Moulds in a Global Antifungal Surveillance Programme. Mycopathologia, 2012, 174, 259-271.	3.1	72
72	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.	3.0	72

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73	Longitudinal (2001â€“14) analysis of enterococci and VRE causing invasive infections in European and US hospitals, including a contemporary (2010â€“13) analysis of oritavancin in vitro potency. Journal of Antimicrobial Chemotherapy, 2016, 71, 3453-3458.	3.0	71
74	Meropenem-Vaborbactam as Salvage Therapy for Ceftazidime-Avibactam-Resistant Klebsiella pneumoniae Bacteremia and Abscess in a Liver Transplant Recipient. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	71
75	Activity of Ceftaroline-Avibactam Tested against Gram-Negative Organism Populations, including Strains Expressing One or More Î²-Lactamases and Methicillin-Resistant Staphylococcus aureus Carrying Various Staphylococcal Cassette Chromosome mec Types. Antimicrobial Agents and Chemotherapy, 2012, 56, 4779-4785.	3.2	70
76	Update on Acinetobacter Species: Mechanisms of Antimicrobial Resistance and Contemporary In Vitro Activity of Minocycline and Other Treatment Options. Clinical Infectious Diseases, 2014, 59, S367-S373.	5.8	69
77	Carbapenem Resistance among Pseudomonas aeruginosa Strains from India: Evidence for Nationwide Endemicity of Multiple Metallo-Î²-Lactamase Clones (VIM-2, -5, -6, and -11 and the Newly) Tj ETQq1 1 0.784314 rgBT /Ove	3.2	68
78	Frequency of fks Mutations among Candida glabrata Isolates from a 10-Year Global Collection of Bloodstream Infection Isolates. Antimicrobial Agents and Chemotherapy, 2014, 58, 577-580.	3.2	67
79	In Vitro 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, .	3.2	67
80	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, 5155-5158.	3.2	66
81	Pharmacodynamics of Î²-Lactamase Inhibition by NXL104 in Combination with Ceftaroline: Examining Organisms with Multiple Types of Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2012, 56, 258-270.	3.2	66
82	Characterization of Global Patterns and the Genetics of Fusidic Acid Resistance. Clinical Infectious Diseases, 2011, 52, S487-S492.	5.8	65
83	Trends in carbapenemase-producing Escherichia coli and Klebsiella spp. from Europe and the Americas: report from the SENTRY antimicrobial surveillance programme (2007â€“09). Journal of Antimicrobial Chemotherapy, 2011, 66, 1409-1411.	3.0	65
84	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, .	3.2	65
85	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, 320-326.	2.5	64
86	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.	1.8	64
87	Antimicrobial activities of doripenem and other carbapenems against Pseudomonas aeruginosa, other nonfermentative bacilli, and Aeromonas spp.. Diagnostic Microbiology and Infectious Disease, 2009, 63, 426-433.	1.8	63
88	WCK 5222 (Cefepime-Zidebactam) Antimicrobial Activity against Clinical Isolates of Gram-Negative Bacteria Collected Worldwide in 2015. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	63
89	Antimicrobial Activities of Aztreonam-Avibactam and Comparator Agents against Contemporary (2016) Clinical Enterobacteriaceae Isolates. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	61
90	Analysis of global antifungal surveillance results reveals predominance of Erg11 Y132F alteration among azole-resistant Candida parapsilosis and Candida tropicalis and country-specific isolate dissemination. International Journal of Antimicrobial Agents, 2020, 55, 105799.	2.5	61

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91	Characterization of an Integron Carrying bla IMP-1 and a New Aminoglycoside Resistance Gene, aac(6â€²)-31 , and Its Dissemination among Genetically Unrelated Clinical Isolates in a Brazilian Hospital. Antimicrobial Agents and Chemotherapy, 2007, 51, 2611-2614.	3.2	60
92	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, 3800-3804.	3.9	59
93	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, 108-114.	3.9	59
94	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, 259-263.	1.8	59
95	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.	6.0	59
96	Tigecycline activity tested against carbapenem-resistant Enterobacteriaceae from 18 European nations: results from the SENTRY surveillance program (2010â€“2013). Diagnostic Microbiology and Infectious Disease, 2015, 83, 183-186.	1.8	58
97	First Report of bla _{VIM-4} - and mcr-9 -Coharboring Enterobacter Species Isolated from a Pediatric Patient. MSphere, 2019, 4, .	2.9	58
98	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, 252-259.	1.8	56
99	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.	3.0	56
100	High Rates of Nonsusceptibility to Ceftazidime-avibactam and Identification of New Delhi Metallo-Î²-lactamase Production inEnterobacteriaceaeBloodstream Infections at a Major Cancer Center: Table 1.. Clinical Infectious Diseases, 2016, 63, 954-958.	5.8	55
101	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.	2.5	55
102	Frequency and antimicrobial susceptibility of Gram-negative bacteria isolated from patients with pneumonia hospitalized in ICUs of US medical centres (2015â€“17). Journal of Antimicrobial Chemotherapy, 2018, 73, 3053-3059.	3.0	55
103	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, 295-297.	2.0	54
104	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, 167-170.	1.8	53
105	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 Î²-Lactamases, GES-22 and VIM-35. Antimicrobial Agents and Chemotherapy, 2014, 58, 7358-7366.	3.2	53
106	Changes in the Frequencies of Î²-Lactamase Genes among Enterobacteriaceae Isolates in U.S. Hospitals, 2012 to 2014: Activity of Ceftazidime-Avibactam Tested against Î²-Lactamase-Producing Isolates. Antimicrobial Agents and Chemotherapy, 2016, 60, 4770-4777.	3.2	53
107	Tigecycline antimicrobial activity tested against clinical bacteria from Latin American medical centres: results from SENTRY Antimicrobial Surveillance Program (2011â€“2014). International Journal of Antimicrobial Agents, 2016, 48, 144-150.	2.5	52
108	Trends in Klebsiella pneumoniae carbapenemase-positive K. pneumoniae in US hospitals: report from the 2007â€“2009 SENTRY Antimicrobial Surveillance Program. Diagnostic Microbiology and Infectious Disease, 2013, 76, 356-360.	1.8	50

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109	Antifungal susceptibilities of Candida, Cryptococcus neoformans and Aspergillus fumigatus from the Asia and Western Pacific region: data from the SENTRY antifungal surveillance program (2010â€“2012). Journal of Antibiotics, 2015, 68, 556-561.	2.0	50
110	Antimicrobial Activity of Ceftazidime-Avibactam against Gram-Negative Bacteria Isolated from Patients Hospitalized with Pneumonia in U.S. Medical Centers, 2011 to 2015. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	50
111	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.	3.0	50
112	Murepavadin activity tested against contemporary (2016â€“17) clinical isolates of XDR Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2018, 73, 2400-2404.	3.0	50
113	Geographical and temporal variation in the frequency and antimicrobial susceptibility of bacteria isolated from patients hospitalized with bacterial pneumonia: results from 20 years of the SENTRY Antimicrobial Surveillance Program (1997â€“2016). Journal of Antimicrobial Chemotherapy, 2019, 74, 1595-1606.	3.0	49
114	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.	1.8	48
115	Antimicrobial Activity of Ceftolozane-Tazobactam Tested AgainstEnterobacteriaceaeandPseudomonas aeruginosawith Various Resistance Patterns Isolated in U.S. Hospitals (2013â€“2016) as Part of the Surveillance Program: Program to Assess Ceftolozane-Tazobactam Susceptibility. Microbial Drug Resistance, 2018, 24, 563-577.	2.0	48
116	Low Frequency of Ceftazidime-Avibactam Resistance among Enterobacteriaceae Isolates Carrying bla _{KPC} Collected in U.S. Hospitals from 2012 to 2015. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	47
117	Emergence of the Extended-Spectrum Î²-Lactamase GES-1 in a Pseudomonas aeruginosa Strain from Brazil: Report from the SENTRY Antimicrobial Surveillance Program. Antimicrobial Agents and Chemotherapy, 2004, 48, 2344-2345.	3.2	46
118	Increasing carbapenem resistance due to the clonal dissemination of oxacillinase (OXA-23 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 of Medical Microbiology, 2008, 57, 1529-1532.	1.8	46
119	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, 2581-2584.	3.0	46
120	Dalbavancin in-vitro activity obtained against Gram-positive clinical isolates causing bone and joint infections in US and European hospitals (2011â€“2016). International Journal of Antimicrobial Agents, 2018, 51, 608-611.	2.5	46
121	Activity of Ceftolozane-Tazobactam against Pseudomonas aeruginosa and Enterobacteriaceae Isolates Collected from Respiratory Tract Specimens of Hospitalized Patients in the United States during 2013 to 2015. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	46
122	First Isolation of bla VIM-2 in Latin America: Report from the SENTRY Antimicrobial Surveillance Program. Antimicrobial Agents and Chemotherapy, 2004, 48, 1433-1434.	3.2	45
123	Antimicrobial Susceptibility Patterns of KPC-Producing or CTX-M-Producing Enterobacteriaceae. Microbial Drug Resistance, 2010, 16, 61-65.	2.0	45
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