

Gabriel Gutkind

List of Publications by Year in descending order

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103
papers

2,095
citations

255252

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281851

39
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109
all docs

109
docs citations

109
times ranked

2449
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and Biochemical Characterization of AXC-2 from <i>Achromobacter ruhlandii</i> . <i>Pathogens</i> , 2024, 13, 115.	2.8	0
2	Boronic Acid Transition State Inhibitors as Potent Inactivators of KPC and CTX-M β -Lactamases: Biochemical and Structural Analyses. <i>Antimicrobial Agents and Chemotherapy</i> , 2023, 67, .	3.4	2
3	Diversity of genetic platforms harboring the blaPER-2 gene in Enterobacterales and insights into the role of ISPa12 in its mobilization and dissemination. <i>International Journal of Antimicrobial Agents</i> , 2023, 62, 106850.	3.3	2
4	Whole-Genome Analysis of a High-Risk Clone of <i>Klebsiella pneumoniae</i> ST147 Carrying Both <i>mcr-1</i> and <i>bla</i> _{NDM-1} Genes in Peru. <i>Microbial Drug Resistance</i> , 2022, 28, 171-179.	2.0	9
5	Report of two events of nosocomial outbreak and pseudo-outbreak due to contamination with <i>Achromobacter</i> spp.. <i>Revista Argentina De Microbiologia</i> , 2022, , .	0.6	0
6	Characterisation of blaKPC-2 harbouring plasmids recovered from <i>Pseudomonas aeruginosa</i> ST654 and ST235 high-risk clones. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 310-312.	2.5	10
7	Emergence and clonal expansion of <i>Klebsiella pneumoniae</i> ST307, simultaneously producing KPC-3 and NDM-1. <i>Revista Argentina De Microbiologia</i> , 2022, 54, 288-292.	0.6	4
8	Detecting KPC-2 and NDM-1 Coexpression in <i>Klebsiella pneumoniae</i> Complex from Human and Animal Hosts in South America. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	12
9	Outbreak of <i>Klebsiella pneumoniae</i> ST11 Resistant To Ceftazidime-Avibactam Producing KPC-31 and the Novel Variant KPC-115 during COVID-19 Pandemic in Argentina. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	14
10	Structural and Biochemical Characterization of the Novel CTX-M-151 Extended-Spectrum β -Lactamase and Its Inhibition by Avibactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.4	6
11	Dissemination of blaNDM-1 Gene Among Several <i>Klebsiella pneumoniae</i> Sequence Types in Mexico Associated With Horizontal Transfer Mediated by IncF-Like Plasmids. <i>Frontiers in Microbiology</i> , 2021, 12, 611274.	3.5	13
12	Full characterization of plasmids from <i>Achromobacter ruhlandii</i> isolates recovered from a single patient with cystic fibrosis (CF). <i>Revista Argentina De Microbiologia</i> , 2021, , .	0.6	0
13	Co-Occurrence of NDM-5 and RmtB in a Clinical Isolate of <i>Escherichia coli</i> Belonging to CC354 in Latin America. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 654852.	4.0	12
14	Antimicrobial resistance in bacterial isolates from companion animals in Buenos Aires, Argentina: 2011-2017 retrospective study. <i>Zoonoses and Public Health</i> , 2021, 68, 516-526.	2.2	9
15	Update on Multidrug Resistance Efflux Pumps in <i>Acinetobacter</i> spp.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0051421.	3.4	49
16	Redefining the Origin and Evolution of Chromosomally Encoded <i>bla</i> _{CTX-M/KLU} in the Context of a Revised Taxonomy of Genus <i>Kluyvera</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0242420.	3.4	6
17	Characterization of Emerging Pathogens Carrying blaKPC-2 Gene in IncP-6 Plasmids Isolated From Urban Sewage in Argentina. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 722536.	4.0	11
18	FONA-7, a Novel Extended-Spectrum β -Lactamase Variant of the FONA Family Identified in <i>Serratia fonticola</i> . <i>Microbial Drug Resistance</i> , 2021, 27, 585-589.	2.0	2

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19	Diversity of <i>Achromobacter</i> species recovered from patients with cystic fibrosis, in Argentina. <i>Revista Argentina De Microbiologia</i> , 2020, 52, 13-18.	0.6	24
20	Comparative Kinetic Analysis of OXA-438 with Related OXA-48-Type Carbapenem-Hydrolyzing Class D β -Lactamases. <i>ACS Infectious Diseases</i> , 2020, 6, 3026-3033.	3.9	9
21	Full characterization of an IncR plasmid harboring <i>qnrS1</i> recovered from a VIM-11-producing <i>Pseudomonas aeruginosa</i> . <i>Revista Argentina De Microbiologia</i> , 2020, 52, 298-304.	0.6	5
22	Expansion and improvement of MALDI-TOF MS databases for accurate identification of <i>Achromobacter</i> species. <i>Journal of Microbiological Methods</i> , 2020, 172, 105889.	1.6	11
23	Structural Insights into the Inhibition of the Extended-Spectrum β -Lactamase PER-2 by Avibactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.4	14
24	Detection of plasmid-mediated colistin resistance by colistin pre-diffusion and inhibition with EDTA test (CPD-E) in Enterobacterales. <i>Journal of Microbiological Methods</i> , 2019, 167, 105759.	1.6	6
25	Co-occurrence of clinically relevant β -lactamases and MCR-1 encoding genes in <i>Escherichia coli</i> from companion animals in Argentina. <i>Veterinary Microbiology</i> , 2019, 230, 228-234.	1.9	40
26	Changing epidemiology of KPC-producing <i>Klebsiella pneumoniae</i> in Argentina: Emergence of hypermucoviscous ST25 and high-risk clone ST307. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 18, 238-242.	2.5	56
27	MALDI-TOF MS based procedure to detect KPC-2 directly from positive blood culture bottles and colonies. <i>Journal of Microbiological Methods</i> , 2019, 159, 120-127.	1.6	33
28	Complete Sequence of the IncA/C β -Lactamase Plasmid pCf587 Carrying <i>bla</i> _{PER-2} from <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.4	9
29	Characterisation of OXA-258 enzymes and AxyABM efflux pump in <i>Achromobacter ruhlandii</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 233-237.	2.5	7
30	Spread of Clonally Related <i>Escherichia coli</i> Strains Harboring an IncA/C β -Lactamase Plasmid Encoding IMP-8 and Its Recruitment into an Unrelated MCR-1-Containing Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.4	9
31	Fast and easy detection of CMY-2 in <i>Escherichia coli</i> by direct MALDI-TOF mass spectrometry. <i>Journal of Microbiological Methods</i> , 2018, 148, 22-28.	1.6	19
32	Defining Substrate Specificity in the CTX-M Family: the Role of Asp240 in Ceftazidime Hydrolysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.4	9
33	Detection and molecular characterization of <i>Clostridium difficile</i> ST 1 in Buenos Aires, Argentina. <i>Anaerobe</i> , 2018, 49, 14-17.	2.1	9
34	Antimicrobial Resistance in Class 1 Integron-Positive Shiga Toxin-Producing <i>Escherichia coli</i> Isolated from Cattle, Pigs, Food and Farm Environment. <i>Microorganisms</i> , 2018, 6, 99.	3.6	18
35	Novel <i>mcr-5.3</i> variant in a CTX-M-8-producing <i>Escherichia coli</i> ST711 isolated from an infected horse. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3520-3522.	3.2	15
36	Proposing <i>Kluyvera georgiana</i> as the Origin of the Plasmid-Mediated Resistance Gene <i>fosA4</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.4	10

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37	<i>E. coli</i>; Accumulation behind an Obstacle. Advances in Microbiology, 2018, 08, 451-464.	0.6	22
38	Impact of Mutations at Arg220 and Thr237 in PER-2 β -Lactamase on Conformation, Activity, and Susceptibility to Inhibitors. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.4	15
39	Exploring the Landscape of Diazabicyclooctane (DBO) Inhibition: Avibactam Inactivation of PER-2 β -Lactamase. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.4	16
40	Identification of CfiA coding genes in Bacteroides fragilis isolates recovered in Argentina. Inconsistencies in CfiA organization and nomenclature. Anaerobe, 2017, 48, 257-261.	2.1	9
41	Biochemical Characterization of β -Lactamases from <i>Mycobacterium abscessus</i> Complex and Genetic Environment of the β -Lactamase-Encoding Gene. Microbial Drug Resistance, 2017, 23, 294-300.	2.0	8
42	Crystal structure and kinetic analysis of the class B3 di-zinc metallo- β -lactamase LRA-12 from an Alaskan soil metagenome. PLoS ONE, 2017, 12, e0182043.	2.5	13
43	Aerobic degradation of ibuprofen in batch and continuous reactors by an indigenous bacterial community. Environmental Technology (United Kingdom), 2016, 37, 2617-2626.	2.3	23
44	Extended-spectrum β -lactamases, transferable quinolone resistance, and virulotyping in extra-intestinal E. coli in Uruguay. Journal of Infection in Developing Countries, 2016, 10, 43-52.	1.1	24
45	Molecular and Biochemical Characterization of CTX-M-131, a Natural Asp240Gly Variant Derived from CTX-M-2, Produced by a Providencia rettgeri Clinical Strain in SĂo Paulo, Brazil. Antimicrobial Agents and Chemotherapy, 2015, 59, 1815-1817.	3.4	5
46	Detection of blaCTX-M-type genes in complex class 1 integrons carried by Enterobacteriaceae isolated from retail chicken meat in Brazil. International Journal of Food Microbiology, 2015, 197, 88-91.	4.7	40
47	Detection and genetic characterization of β -lactamases in Prevotella intermedia and Prevotella nigrescens isolated from oral cavity infections and peritonsillar abscesses. Anaerobe, 2015, 33, 8-13.	2.1	24
48	Structural and Kinetic Insights into the β -Ceftazidimase Behavior of the Extended-Spectrum β -Lactamase CTX-M-96. Biochemistry, 2015, 54, 5072-5082.	2.6	9
49	Selection and identification of a bacterial community able to degrade and detoxify m-nitrophenol in continuous biofilm reactors. Ecotoxicology and Environmental Safety, 2015, 122, 245-251.	6.1	4
50	Community-associated methicillin-resistant Staphylococcus aureus skin and soft tissue infections in a pediatric hospital in Argentina. Journal of Infection in Developing Countries, 2014, 8, 1119-1128.	1.1	8
51	Biodegradation of <i>p-chloro</i>C</i>hloroaniline and Ammonium Removal in Continuous Biofilm Reactors. Clean - Soil, Air, Water, 2014, 42, 449-455.	1.3	6
52	Crystal Structure of the Extended-Spectrum β -Lactamase PER-2 and Insights into the Role of Specific Residues in the Interaction with β -Lactams and β -Lactamase Inhibitors. Antimicrobial Agents and Chemotherapy, 2014, 58, 5994-6002.	3.4	17
53	INQ-1, a chromosome-encoded AmpC β -lactamase from Inquilinus limosus. Journal of Antimicrobial Chemotherapy, 2014, 69, 560-562.	3.2	6
54	Presence of OXA-Type Enzymes in Achromobacter insuavis and A. dolens. Current Microbiology, 2014, 69, 501-506.	2.2	11

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55	First report of plasmid-mediated fluoroquinolone efflux pump QepA in <i>Escherichia coli</i> clinical isolate ST68, in South America. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 70-72.	1.8	10
56	Identification of the first bla _{CMY-2} gene in <i>Salmonella enterica</i> serovar Typhimurium isolates obtained from cases of paediatric diarrhoea illness detected in South America. <i>Journal of Global Antimicrobial Resistance</i> , 2013, 1, 143-148.	2.5	15
57	β-Cyclodextrin hydrogels for the ocular release of antibacterial thiosemicarbazones. <i>Carbohydrate Polymers</i> , 2013, 93, 449-457.	10.4	81
58	OXA-258 from <i>Achromobacter ruhlandii</i> : a Species-Specific Marker. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1602-1605.	4.4	14
59	Prevalence of plasmid-mediated quinolone resistance determinants among oxyiminocephalosporin-resistant Enterobacteriaceae in Argentina. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 924-927.	1.7	21
60	First National Survey of Antibiotic Susceptibility of the Bacteroides fragilis Group: Emerging Resistance to Carbapenems in Argentina. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1309-1314.	3.4	47
61	Novel fragments of clavulanate observed in the structure of the class A β-lactamase from <i>Bacillus licheniformis</i> BS3. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2379-2387.	3.2	4
62	First clonal spread of KPC-producing <i>Pseudomonas aeruginosa</i> in Buenos Aires, Argentina. <i>Infection, Genetics and Evolution</i> , 2012, 12, 2003-2005.	2.3	10
63	ISCR1 asociado con genes bla _{CTX-M-1} y bla _{CTX-M-2} en plásmidos IncN e IncFIIA aislados en <i>Klebsiella pneumoniae</i> de origen nosocomial en Mérida, Venezuela. <i>Biomedica</i> , 2012, 33, .	0.7	4
64	Hyperendemic clone of KPC producing <i>Klebsiella pneumoniae</i> ST 258 in Buenos Aires hospitals. <i>Infection, Genetics and Evolution</i> , 2012, 12, 499-501.	2.3	16
65	Oxacillin- and ceftoxitin-susceptible methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 178-179.	3.3	17
66	CTX-M-14 β-lactamase-producing <i>Citrobacter freundii</i> isolated in Venezuela. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2011, 10, 22.	3.7	11
67	A simple method to evaluate the number of bradyrhizobia on soybean seeds and its implication on inoculant quality control. <i>AMB Express</i> , 2011, 1, 21.	3.1	18
68	Extended-spectrum β-lactamases and plasmid-mediated quinolone resistance in enterobacterial clinical isolates in the paediatric hospital of Uruguay. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1725-1729.	3.2	53
69	Purification and Biochemical Characterization of IMP-13 Metallo-β-Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 399-401.	3.4	11
70	Resistencia a carbapenemes en aislamientos de <i>Pseudomonas aeruginosa</i> : un ejemplo de interacción entre distintos mecanismos. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2011, 30, 545-548.	1.0	8
71	Estudio comparativo de clones de aislamientos de <i>Staphylococcus Aureus</i> resistentes a metilina prevalentes en la Argentina. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2011, 30, 665-666.	1.0	1
72	Novel Chromosome-Encoded CTX-M-78 β-Lactamase from a <i>Kluyvera georgiana</i> Clinical Isolate as a Putative Origin of CTX-M-25 Subgroup. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3070-3071.	3.4	22

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73	Intercontinental Dissemination of IMP-13-Producing <i>Pseudomonas aeruginosa</i> Belonging in Sequence Type 621. <i>Journal of Clinical Microbiology</i> , 2010, 48, 4342-4343.	4.4	23
74	Full Resistance and Decreased Susceptibility to Carbapenems in IMP-13-Producing <i>Pseudomonas aeruginosa</i> Isolates from an Outbreak. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1381-1382.	3.4	14
75	Detection of class 1 and 2 integrons, extended-spectrum β -lactamases and qnr alleles in enterobacterial isolates from the digestive tract of Intensive Care Unit inpatients. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 453-458.	3.3	39
76	A novel OXA-10-like β -lactamase is present in different Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010, 66, 228-229.	1.8	11
77	In vitro antimicrobials activity against endemic <i>Acinetobacter baumannii</i> multiresistant clones. <i>Journal of Infection in Developing Countries</i> , 2010, 4, 164-167.	1.1	55
78	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> , eastern Argentina. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 343-347.	1.8	35
79	Ciprofloxacin-Resistant Enterobacteria Harboring the <i>aac(6)-Ib-cr</i> Variant Isolated from Feces of Inpatients in an Intensive Care Unit in Uruguay. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 806-807.	3.4	28
80	Biochemical Characterization of PER-2 and Genetic Environment of bla PER-2. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2359-2365.	3.4	23
81	Characterisation of KLUA-9, a β -lactamase from extended-spectrum cephalosporin-susceptible <i>Kluyvera ascorbata</i> , and genetic organisation of blaKLUA-9. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 332-337.	3.3	4
82	VIM-2-producing <i>Pseudomonas putida</i> , Buenos Aires. <i>Emerging Infectious Diseases</i> , 2007, 13, 668-669.	4.3	31
83	New TEM-Derived Extended-Spectrum β -Lactamase and Its Genomic Context in Plasmids from <i>Salmonella enterica</i> Serovar Derby Isolates from Uruguay. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 781-784.	3.4	18
84	Biochemical and Molecular Characterization of Three New Variants of AmpC β -Lactamases from <i>Morganella morganii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 962-967.	3.4	28
85	Susceptibilities to carbapenems and presence of <i>cphA</i> gene on food-borne <i>Aeromonas</i> . <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 677-682.	0.5	3
86	Synthesis, spectroscopic and biological properties of bis(3-arylimidazolidinyl-1)methanes. A novel family of antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 811-815.	5.7	8
87	Enteropathogenic <i>Escherichia coli</i> Strains Carrying Genes Encoding the PER-2 and TEM-116 Extended-Spectrum β -Lactamases Isolated from Children with Diarrhea in Uruguay. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2940-2943.	4.4	54
88	Description of In116, the first blaCTX-M-2-containing complex class 1 integron found in <i>Morganella morganii</i> isolates from Buenos Aires, Argentina. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 461-465.	3.2	40
89	Resistencia enzimática a betalactámicos en el género <i>Proteus</i> y evaluación de los fenotipos y genotipos de resistencia a cefalosporinas de tercera y cuarta generación en <i>Proteus mirabilis</i> . <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2005, 23, 122-126.	0.6	7
90	Chromosome-Encoded CTX-M-3 from <i>Kluyvera ascorbata</i> : a Possible Origin of Plasmid-Borne CTX-M-1-Derived Cefotaximases. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4895-4897.	3.4	130

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91	CTX-M-12 β -Lactamase in a <i>Klebsiella pneumoniae</i> Clinical Isolate in Colombia. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 629-631.	3.4	59
92	First Class A Carbapenemase Isolated from Enterobacteriaceae in Argentina. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1068-1069.	3.4	34
93	Antibacterial and antifungal activity of some thiosemicarbazones and 1,3,4-thiadiazolines. <i>Journal of the Chilean Chemical Society</i> , 2004, 49, .	1.3	20
94	Early Dissemination of CTX-M-Derived Enzymes in South America. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 602-604.	3.4	93
95	Novel Class 1 Integron (InS21) Carrying bla CTX-M-2 in <i>Salmonella enterica</i> Serovar Infantis. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2257-2261.	3.4	88
96	All Detectable High-Molecular-Mass Penicillin-Binding Proteins Are Modified in a High-Level β -Lactam-Resistant Clinical Isolate of <i>Streptococcus mitis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 2075-2081.	3.4	17
97	Identification of a Cluster of Strains Bearing a New Adhesin among Genetically Diverse Enterotoxigenic <i>Escherichia coli</i> Isolates of Serogroup O20. <i>Journal of Clinical Microbiology</i> , 2001, 39, 782-786.	4.4	6
98	Third-Generation Cephalosporin Resistance in <i>Shigella sonnei</i> , Argentina. <i>Emerging Infectious Diseases</i> , 2001, 7, 442-443.	4.3	38
99	Non-typhoid <i>Salmonella</i> spp. resistant to cefotaxime. <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 36, 697-702.	3.2	64
100	Biochemical and Structural Characterization of CRH-1, a Carbapenemase from <i>Chromobacterium haemolyticum</i> Related to KPC β -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 0, , .	3.4	0
101	Insights into the activity of cefiderocol against PER-2 producing Enterobacterales. <i>Antimicrobial Agents and Chemotherapy</i> , 0, , .	3.4	0
102	Crystal structure of the class A extended-spectrum β -lactamase CTX-M-96 in complex with relebactam at 1.03 Angstrom resolution. <i>Antimicrobial Agents and Chemotherapy</i> , 0, , .	3.4	0
103	Re-updating the taxonomy of <i>Kluyvera</i> genus for a better understanding of CTX-M β -lactamase origin. <i>Microbiology Spectrum</i> , 0, , .	3.0	0