

Liang Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174
papers

7,019
citations

46
h-index

78
g-index

188
ext. papers

9,217
ext. citations

7.4
avg, IF

6.05
L-index

#	Paper	IF	Citations
174	Identification of methicillin-resistant ST8 isolates in China with potential high virulence.. <i>Emerging Microbes and Infections</i> , 2022 , 1-30	18.9	1
173	Methicillin-resistant in China: a multicenter longitudinal study and whole-genome sequencing.. <i>Emerging Microbes and Infections</i> , 2022 , 1-0	18.9	3
172	Rifampin resistance mutations in the rpoB gene of Enterococcus faecalis impact host macrophage cytokine production.. <i>Cytokine</i> , 2022 , 151, 155788	4	1
171	CRISPR Inhibition of Essential Peptidoglycan Biosynthesis Genes in Mycobacterium abscessus and Its Impact on β -Lactam Susceptibility.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0009322	5.9	1
170	Accessory Genomes Drive Independent Spread of Carbapenem-Resistant Klebsiella pneumoniae Clonal Groups 258 and 307 in Houston, TX.. <i>MBio</i> , 2022 , e0049722	7.8	2
169	Multicenter Genomic Analysis of Carbapenem-Resistant Klebsiella pneumoniae from Bacteremia in China.. <i>Microbiology Spectrum</i> , 2022 , e0229021	8.9	0
168	The Role of the Two-Component QseBC Signaling System in Biofilm Formation and Virulence of Hypervirulent ATCC43816.. <i>Frontiers in Microbiology</i> , 2022 , 13, 817494	5.7	0
167	-Harboring Aeromonas veronii from the Hospital Sewage Samples in China.. <i>Microbiology Spectrum</i> , 2022 , e0055522	8.9	0
166	Postvaccination SARS-COV-2 among Health Care Workers in New Jersey: A Genomic Epidemiological Study. <i>Microbiology Spectrum</i> , 2021 , e0188221	8.9	2
165	Clinical outcomes and bacterial characteristics of carbapenem-resistant Klebsiella pneumoniae complex among patients from different global regions (CRACKLE-2): a prospective, multicentre, cohort study. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	9
164	Characterization of IncHI1B Plasmids Encoding Efflux Pump in Carbapenem-Resistant , , and Strains. <i>Frontiers in Microbiology</i> , 2021 , 12, 759208	5.7	1
163	Activity of Aurano-fin in Combination With Aztreonam-Avibactam Against Metallo- β -Lactamase (MBL)-Producing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 755763	5.9	0
162	Optimization of Ceftazidime/Avibactam for KPC-Producing. <i>Frontiers in Microbiology</i> , 2021 , 12, 618087	5.7	2
161	Virulence Factors in Hypervirulent. <i>Frontiers in Microbiology</i> , 2021 , 12, 642484	5.7	19
160	Molecular epidemiology, natural history and long-term outcomes of multi-drug resistant Enterobacterales colonization and infections among solid organ transplant recipients. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	2
159	Apramycin resistance in epidemic carbapenem-resistant Klebsiella pneumoniae ST258 strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2017-2023	5.1	1
158	Susceptibility of Multidrug-Resistant Pseudomonas aeruginosa following Treatment-Emergent Resistance to Ceftolozane-Tazobactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	9

157	Emergence of Resistance to Ceftazidime-Avibactam in a <i>Pseudomonas aeruginosa</i> Isolate Producing Derepressed in a Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	2
156	Colonization With Fluoroquinolone-Resistant Enterobacterales Decreases the Effectiveness of Fluoroquinolone Prophylaxis in Hematopoietic Cell Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2021 , 73, 1257-1265	11.6	5
155	Evolutionary Trajectory of the Tet(X) Family: Critical Residue Changes towards High-Level Tigecycline Resistance. <i>MSystems</i> , 2021 , 6,	7.6	6
154	Molecular Evolution and Adaptation of Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> (LA-MRSA) Sequence Type 9. <i>MSystems</i> , 2021 , 6, e0049221	7.6	10
153	Genome-Wide Essentiality Analysis of by Saturated Transposon Mutagenesis and Deep Sequencing. <i>MBio</i> , 2021 , 12, e0104921	7.8	7
152	Spread of tet(X5) and tet(X6) genes in multidrug-resistant <i>Acinetobacter baumannii</i> strains of animal origin. <i>Veterinary Microbiology</i> , 2021 , 253, 108954	3.3	7
151	Re-engineering a mobile-CRISPR/Cas9 system for antimicrobial resistance gene curing and immunization in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021 ,	5.1	2
150	A novel diagnostic test to screen SARS-CoV-2 variants containing E484K and N501Y mutations. <i>Emerging Microbes and Infections</i> , 2021 , 10, 994-997	18.9	6
149	Polymyxin resistance in carbapenem-resistant Enterobacteriaceae isolates from patients without polymyxin exposure: a multicentre study in China. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106262	14.3	1
148	Assessment of Mortality-Related Risk Factors and Effective Antimicrobial Regimens for Treatment of Bloodstream Infections Caused by Carbapenem-Resistant. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0069821	5.9	2
147	Emergence and genomics of OXA-232-producing <i>Klebsiella pneumoniae</i> in a hospital in Yancheng, China. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 26, 194-198	3.4	1
146	In vitro activity of aztreonam-avibactam against metallo- β -lactamase-producing Enterobacteriaceae-A multicenter study in China. <i>International Journal of Infectious Diseases</i> , 2020 , 97, 11-18	10.5	6
145	Multicenter Evaluation of the Xpert Carba-R Assay for Detection and Identification of Carbapenemase Genes in Sputum Specimens. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	1
144	Molecular and clinical epidemiology of carbapenem-resistant Enterobacterales in the USA (CRACKLE-2): a prospective cohort study. <i>Lancet Infectious Diseases</i> , 2020 , 20, 731-741	25.5	59
143	Reduced Ceftazidime-Avibactam Susceptibility in KPC-Producing From Patients Without Ceftazidime-Avibactam Use History - A Multicenter Study in China. <i>Frontiers in Microbiology</i> , 2020 , 11, 1365	5.7	11
142	Impact of the Novel Prophage ϕ SA169 on Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Endovascular Infection. <i>MSystems</i> , 2020 , 5,	7.6	3
141	A coup d'état by NDM-producing <i>Klebsiella pneumoniae</i> overthrows the major bacterial population during KPC-directed therapy. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 98, 115080	2.9	2
140	IMP-38-Producing High-Risk Sequence Type 307 <i>Klebsiella pneumoniae</i> Strains from a Neonatal Unit in China. <i>MSphere</i> , 2020 , 5,	5	2

139	CRISPR-Cas9-Mediated Carbapenemase Gene and Plasmid Curing in Carbapenem-Resistant. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	22
138	Rapid detection of plasmid-mediated high-level tigecycline resistance in <i>Escherichia coli</i> and <i>Acinetobacter</i> spp. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 1479-1483	5.1	10
137	Scope and Predictive Genetic/Phenotypic Signatures of Bicarbonate (NaHCO) Responsiveness and β -Lactam Sensitization in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	8
136	Co-occurrence of Plasmid-Mediated Tigecycline and Carbapenem Resistance in <i>Acinetobacter</i> spp. from Waterfowls and Their Neighboring Environment. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	25
135	Activity of Apramycin Against Carbapenem-Resistant and Hypervirulent Isolates. <i>Frontiers in Microbiology</i> , 2020 , 11, 425	5.7	18
134	In vitro selection of aztreonam/avibactam resistance in dual-carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 559-565	5.1	16
133	Early Experience With Meropenem-Vaborbactam for Treatment of Carbapenem-resistant Enterobacteriaceae Infections. <i>Clinical Infectious Diseases</i> , 2020 , 71, 667-671	11.6	42
132	AI-Blue-Carba: A Rapid and Improved Carbapenemase Producer Detection Assay Using Blue-Carba With Deep Learning. <i>Frontiers in Microbiology</i> , 2020 , 11, 585417	5.7	2
131	Genetic diversity and characteristics of high-level tigecycline resistance Tet(X) in <i>Acinetobacter</i> species. <i>Genome Medicine</i> , 2020 , 12, 111	14.4	19
130	Emerging Antimicrobial-Resistant High-Risk <i>Klebsiella pneumoniae</i> Clones ST307 and ST147. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	47
129	Isolation and Characterization of Novel Lytic Bacteriophages Infecting Epidemic Carbapenem-Resistant Strains. <i>Frontiers in Microbiology</i> , 2020 , 11, 1554	5.7	11
128	A Ceftazidime-Avibactam-Resistant and Carbapenem-Susceptible <i>Klebsiella pneumoniae</i> Strain Harboring Isolated in New York City. <i>MSphere</i> , 2020 , 5,	5	8
127	The <i>tst</i> gene associated <i>Staphylococcus aureus</i> pathogenicity island facilitates its pathogenesis by promoting the secretion of inflammatory cytokines and inducing immune suppression. <i>Microbial Pathogenesis</i> , 2020 , 138, 103797	3.8	4
126	Molecular and Clinical Characterization of Multidrug-Resistant and Hypervirulent <i>Klebsiella pneumoniae</i> Strains from Liver Abscess in Taiwan. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	10
125	Ceftazidime/avibactam Improves the Antibacterial Efficacy of Polymyxin B Against Polymyxin B Heteroresistant KPC-2-Producing and Hinders Emergence of Resistant Subpopulation. <i>Frontiers in Microbiology</i> , 2019 , 10, 2029	5.7	7
124	Complete Nucleotide Sequence of a Novel Plasmid Bearing the High-Level Tigecycline Resistance Gene (X4). <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	8
123	Detection of chromosome-mediated tet(X4)-carrying <i>Aeromonas caviae</i> in a sewage sample from a chicken farm. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3628-3630	5.1	18
122	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2019 , 4, 1457-1464	26.6	167

121	New Delhi Metallo-β-Lactamase 5-Producing <i>Klebsiella pneumoniae</i> Sequence Type 258, Southwest China, 2017. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1209-1213	10.2	9
120	Ceftazidime-Avibactam in Combination With Fosfomycin: A Novel Therapeutic Strategy Against Multidrug-Resistant <i>Pseudomonas aeruginosa</i> . <i>Journal of Infectious Diseases</i> , 2019 , 220, 666-676	7	27
119	<i>Klebsiella pneumoniae</i> ST307 with bla _{South Africa} , 2014-2016. <i>Emerging Infectious Diseases</i> , 2019 , 25, 739-747	10.2	39
118	Genome-Wide Screening for Enteric Colonization Factors in Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2019 , 10,	7.8	15
117	Emergence of mobile tigecycline resistance mechanism in strains from migratory birds in China. <i>Emerging Microbes and Infections</i> , 2019 , 8, 1219-1222	18.9	29
116	High Prevalence of Metallo-β-Lactamase-Producing From Three Tertiary Hospitals in China. <i>Frontiers in Microbiology</i> , 2019 , 10, 1610	5.7	18
115	High colonization rate of a novel carbapenem-resistant <i>Klebsiella</i> lineage among migratory birds at Qinghai Lake, China. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2895-2903	5.1	9
114	Activity of Imipenem-Relebactam and Comparator Agents against Genetically Characterized Isolates of Carbapenem-Resistant Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	30
113	Complete sequence of a (X4)-harboring IncX1 plasmid, pYY76-1-2, in from a cattle sample in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 ,	5.9	16
112	Assessing Molecular Epidemiology of Carbapenem-resistant <i>Klebsiella pneumoniae</i> (CR-KP) with MLST and MALDI-TOF in Central China. <i>Scientific Reports</i> , 2019 , 9, 2271	4.9	12
111	First Report of - and -Coharboring Species Isolated from a Pediatric Patient. <i>MSphere</i> , 2019 , 4,	5	33
110	Rapid Molecular Diagnostics to Inform Empiric Use of Ceftazidime/Avibactam and Ceftolozane/Tazobactam Against <i>Pseudomonas aeruginosa</i> : PRIMERS IV. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1823-1830	11.6	27
109	CG258 <i>Klebsiella pneumoniae</i> isolates without β-Lactam resistance at the onset of the carbapenem-resistant Enterobacteriaceae epidemic in New York City. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 17-21	5.1	3
108	Genetic Diversity of Carbapenem-Resistant (CRE) Clinical Isolates From a Tertiary Hospital in Eastern China. <i>Frontiers in Microbiology</i> , 2018 , 9, 3341	5.7	34
107	Promoter Variation and Gene Expression of -Harboring Plasmids in Clinical Isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> from a Chinese Hospital. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	10
106	Polymyxin B and fosfomycin thwart KPC-producing <i>Klebsiella pneumoniae</i> in the hollow-fibre infection model. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 114-118	14.3	5
105	Pneumonia and Renal Replacement Therapy Are Risk Factors for Ceftazidime-Avibactam Treatment Failures and Resistance among Patients with Carbapenem-Resistant Enterobacteriaceae Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	130
104	Colonization With Levofloxacin-resistant Extended-spectrum β-Lactamase-producing Enterobacteriaceae and Risk of Bacteremia in Hematopoietic Stem Cell Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1720-1728	11.6	20

103	Antibody-Mediated Killing of Carbapenem-Resistant ST258 by Human Neutrophils. <i>MBio</i> , 2018 , 9,	7.8	25
102	Convergence of carbapenem-resistance and hypervirulence in <i>Klebsiella pneumoniae</i> . <i>Lancet Infectious Diseases</i> , 2018 , 18, 2-3	25.5	46
101	Multiplex PCR Analysis for Rapid Detection of <i>Klebsiella pneumoniae</i> Carbapenem-Resistant (Sequence Type 258 [ST258] and ST11) and Hypervirulent (ST23, ST65, ST86, and ST375) Strains. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	38
100	Coidentification of and in a Clinical <i>Enterobacter cloacae</i> Isolate from China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	28
99	Genomic Epidemiology of Global Carbapenemase-Producing <i>Enterobacter</i> spp., 2008-2014. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1010-1019	10.2	59
98	Activity of Ceftazidime-Avibactam against Carbapenem-Resistant and Hypervirulent <i>Klebsiella pneumoniae</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	15
97	Two for the price of one: emerging carbapenemases in a returning traveller to New York City. <i>BMJ Case Reports</i> , 2018 , 2018,	0.9	6
96	Verification of Ceftazidime-Avibactam and Ceftolozane-Tazobactam Susceptibility Testing Methods against Carbapenem-Resistant Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	32
95	Aspartic Acid Residue 51 of SaeR Is Essential for Virulence. <i>Frontiers in Microbiology</i> , 2018 , 9, 3085	5.7	3
94	700. Identification and Whole-Genome Sequencing (WGS) of Meropenem-Vaborbactam (MV) Resistant <i>Klebsiella pneumoniae</i> (MVRKP) Among Patients Without Prior Exposure to MV: Collateral Damage. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S252-S252	1	78
93	Molecular Detection and Characterization of Carbapenem-Resistant Enterobacteriaceae 2018 , 165-185		
92	<i>Enterobacter cloacae</i> Complex Sequence Type 171 Isolates Expressing KPC-4 Carbapenemase Recovered from Canine Patients in Ohio. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	6
91	<i>Mycobacterium tuberculosis</i> carrying a rifampicin drug resistance mutation reprograms macrophage metabolism through cell wall lipid changes. <i>Nature Microbiology</i> , 2018 , 3, 1099-1108	26.6	51
90	Emergence of Resistance to Colistin During the Treatment of Bloodstream Infection Caused by Carbapenemase-Producing. <i>Open Forum Infectious Diseases</i> , 2018 , 5, ofy054	1	7
89	Survival of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 258 in Human Blood. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	23
88	Coexistence of OXA-48-Producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in a Hospitalized Patient Who Returned from Europe to China. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	15
87	Selection of Meropenem Resistance among Ceftazidime-Avibactam-Resistant, Meropenem-Susceptible <i>Klebsiella pneumoniae</i> Isolates with Variant KPC-3 Carbapenemases. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	63
86	Importance of Clonal Complex 258 and IncF Plasmids among a Global Collection of <i>Klebsiella pneumoniae</i> with. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	43

85	Multicenter Clinical and Molecular Epidemiological Analysis of Bacteremia Due to Carbapenem-Resistant Enterobacteriaceae (CRE) in the CRE Epicenter of the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	136
84	New Polymyxin B Dosing Strategies To Fortify Old Allies in the War against KPC-2-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	10
83	Genomic Characterization of Two KPC-Producing <i>Klebsiella</i> Isolates Collected in 1997 in New York City. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	14
82	Global Molecular Epidemiology of IMP-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	31
81	Colistin Resistance in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Mediated by Chromosomal Integration of Plasmid DNA. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	6
80	Genomic epidemiology of global VIM-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2249-2258	5.1	33
79	Identifying Spectra of Activity and Therapeutic Niches for Ceftazidime-Avibactam and Imipenem-Relebactam against Carbapenem-Resistant Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	86
78	Ceftazidime-Avibactam Is Superior to Other Treatment Regimens against Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	239
77	Emergence of Ceftazidime-Avibactam Resistance Due to Plasmid-Borne Mutations during Treatment of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	245
76	Emergence of Ceftolozane-Tazobactam-Resistant <i>Pseudomonas aeruginosa</i> during Treatment Is Mediated by a Single AmpC Structural Mutation. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	47
75	Genomic Characterization of VIM Metallo- β -Lactamase-Producing <i>Alcaligenes faecalis</i> from Gaza, Palestine. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	7
74	Polymyxin Combinations Combat Harboring and : Preparation for a Postantibiotic Era. <i>MBio</i> , 2017 , 8,	7.8	42
73	PBP4 Mediates β -Lactam Resistance by Altered Function. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	18
72	Architecture of a Species: Phylogenomics of <i>Staphylococcus aureus</i> . <i>Trends in Microbiology</i> , 2017 , 25, 153-166	12.4	37
71	Emergence of Ceftazidime-Avibactam Resistance and Restoration of Carbapenem Susceptibility in Carbapenemase-Producing : A Case Report and Review of Literature. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx101	1	74
70	Expression characteristics of the plasmid-borne colistin resistance gene. <i>Oncotarget</i> , 2017 , 8, 107596-107602	3.602	9
69	Microbiological and Clinical Characteristics of Hypermucoviscous Isolates Associated with Invasive Infections in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 24	5.9	55
68	Hospital Dissemination of -Positive Clonal Complex 5 (CC5) Methicillin-Resistant. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 101	5.9	14

67	Outbreak by Hypermucoviscous ST11 Isolates with Carbapenem Resistance in a Tertiary Hospital in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 182	5.9	83
66	Colistin- and Carbapenem-Resistant <i>Escherichia coli</i> Harboring <i>mcr-1</i> and <i>bla</i> NDM-5, Causing a Complicated Urinary Tract Infection in a Patient from the United States. <i>MBio</i> , 2016 , 7,	7.8	150
65	The Global Regulon <i>sarA</i> Regulates β -Lactam Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i> In Vitro and in Endovascular Infections. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1421-1429	7	26
64	Clinical Outcomes, Drug Toxicity, and Emergence of Ceftazidime-Avibactam Resistance Among Patients Treated for Carbapenem-Resistant Enterobacteriaceae Infections. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1615-1618	11.6	285
63	Bacteremia due to carbapenem-resistant Enterobacteriaceae in neutropenic patients with hematologic malignancies. <i>Journal of Infection</i> , 2016 , 73, 336-45	18.9	67
62	Molecular Evolution of a <i>Klebsiella pneumoniae</i> ST278 Isolate Harboring <i>bla</i> NDM-7 and Involved in Nosocomial Transmission. <i>Journal of Infectious Diseases</i> , 2016 , 214, 798-806	7	21
61	Genomic Characterization of <i>Enterobacter cloacae</i> Isolates from China That Coproduce KPC-3 and NDM-1 Carbapenemases. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2519-23	5.9	37
60	RpoE is a Putative Antibiotic Resistance Regulator of <i>Salmonella enteric</i> Serovar Typhi. <i>Current Microbiology</i> , 2016 , 72, 457-64	2.4	12
59	Phagocytosis and Killing of Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> by Human Neutrophils. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1615-22	7	46
58	Emergence of the <i>mcr-1</i> colistin resistance gene in carbapenem-resistant Enterobacteriaceae. <i>Lancet Infectious Diseases</i> , 2016 , 16, 287-8	25.5	163
57	Asymptomatic rectal colonization with carbapenem-resistant Enterobacteriaceae and <i>Clostridium difficile</i> among residents of a long-term care facility in New York City. <i>American Journal of Infection Control</i> , 2016 , 44, 525-32	3.8	23
56	Evaluation of the In Vitro Activity of Ceftazidime-Avibactam and Ceftolozane-Tazobactam against Meropenem-Resistant <i>Pseudomonas aeruginosa</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3227-31	5.9	71
55	Rapid Molecular Diagnostics, Antibiotic Treatment Decisions, and Developing Approaches to Inform Empiric Therapy: PRIMERS I and II. <i>Clinical Infectious Diseases</i> , 2016 , 62, 181-9	11.6	44
54	A Two-Year Surveillance in Five Colombian Tertiary Care Hospitals Reveals High Frequency of Non-CG258 Clones of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> with Distinct Clinical Characteristics. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 332-42	5.9	58
53	First Report of Complete Sequence of a β -Harboring Plasmid from an ST5138 Clinical Isolate. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 130	5.9	8
52	Comprehensive Genome Analysis of Carbapenemase-Producing <i>Enterobacter</i> spp.: New Insights into Phylogeny, Population Structure, and Resistance Mechanisms. <i>MBio</i> , 2016 , 7,	7.8	101
51	Benefit-risk Evaluation for Diagnostics: A Framework (BED-FRAME). <i>Clinical Infectious Diseases</i> , 2016 , 63, 812-7	11.6	18
50	Detection of the <i>mcr-1</i> Colistin Resistance Gene in Carbapenem-Resistant Enterobacteriaceae from Different Hospitals in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5033-5	5.9	74

49	Complete Sequences of mcr-1-Harboring Plasmids from Extended-Spectrum-β-Lactamase- and Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4351-4	5.9	107
48	More insights into a human adipose tissue GPAT activity assay. <i>Adipocyte</i> , 2016 , 5, 93-6	3.2	4
47	Molecular Diversity and Plasmid Analysis of KPC-Producing Escherichia coli. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4073-81	5.9	27
46	Evaluation of a Multiplex PCR Assay To Rapidly Detect Enterobacteriaceae with a Broad Range of β-Lactamases Directly from Perianal Swabs. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6957-6961	5.9	24
45	Doripenem MICs and ompK36 porin genotypes of sequence type 258, KPC-producing Klebsiella pneumoniae may predict responses to carbapenem-colistin combination therapy among patients with bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1797-801	5.9	24
44	Complete sequence of a bla(KPC)-harboring cointegrate plasmid isolated from Escherichia coli. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2956-9	5.9	16
43	Distinct Contributions of Neutrophils and CCR2+ Monocytes to Pulmonary Clearance of Different Klebsiella pneumoniae Strains. <i>Infection and Immunity</i> , 2015 , 83, 3418-27	3.7	71
42	Sex and depot differences in ex vivo adipose tissue fatty acid storage and glycerol-3-phosphate acyltransferase activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E830-4	6.6	16
41	Effects of Klebsiella pneumoniae carbapenemase subtypes, extended-spectrum β-lactamases, and porin mutations on the in vitro activity of ceftazidime-avibactam against carbapenem-resistant K. pneumoniae. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5793-7	5.9	87
40	Evaluation of Remel Spectra CRE Agar for Detection of Carbapenem-Resistant Bacteria from Rectal Swabs Obtained from Residents of a Long-Term-Care Facility. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2823-6	9.7	9
39	Genome Sequence of a Klebsiella pneumoniae Sequence Type 258 Isolate with Prophage-Encoded K. pneumoniae Carbapenemase. <i>Genome Announcements</i> , 2015 , 3,		13
38	First report of an OXA-48-producing multidrug-resistant Proteus mirabilis strain from Gaza, Palestine. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 4305-7	5.9	32
37	MRSA clonal complex 22 strains harboring toxic shock syndrome toxin (TSST-1) are endemic in the primary hospital in Gaza, Palestine. <i>PLoS ONE</i> , 2015 , 10, e0120008	3.7	33
36	Identification of Outer Membrane and Exoproteins of Carbapenem-Resistant Multilocus Sequence Type 258 Klebsiella pneumoniae. <i>PLoS ONE</i> , 2015 , 10, e0123219	3.7	16
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34	Early agr activation correlates with vancomycin treatment failure in multi-clonotype MRSA endovascular infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1443-52	5.1	15
33	Microbiological and Genetic Characterization of Carbapenem-Resistant Klebsiella pneumoniae Isolated From Pediatric Patients. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014 , 3, e10-4	4.8	13
32	Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 Klebsiella pneumoniae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4988-93	11.5	230

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30	Comparative genomic analysis of KPC-encoding pKpQIL-like plasmids and their distribution in New Jersey and New York Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2871-7	5.9	76
29	Epidemic <i>Klebsiella pneumoniae</i> ST258 is a hybrid strain. <i>MBio</i> , 2014 , 5, e01355-14	7.8	141
28	Extensively drug-resistant <i>Pseudomonas aeruginosa</i> isolates containing blaVIM-2 and elements of Salmonella genomic island 2: a new genetic resistance determinant in Northeast Ohio. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5929-35	5.9	28
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23	Molecular survey of the dissemination of two blaKPC-harboring IncFIA plasmids in New Jersey and New York hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2289-94	5.9	49
22	Molecular epidemiology of <i>Staphylococcus aureus</i> in post-earthquake northern Haiti. <i>International Journal of Infectious Diseases</i> , 2014 , 29, 146-51	10.5	8
21	KPC-producing <i>Klebsiella pneumoniae</i> strains that harbor AAC(6)-Ib exhibit intermediate resistance to amikacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 7597-600	5.9	16
20	Doripenem, gentamicin, and colistin, alone and in combinations, against gentamicin-susceptible, KPC-producing <i>Klebsiella pneumoniae</i> strains with various ompK36 genotypes. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3521-5	5.9	32
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17	Emergence of carbapenem-resistant Enterobacteriaceae as causes of bloodstream infections in patients with hematologic malignancies. <i>Leukemia and Lymphoma</i> , 2013 , 54, 799-806	1.9	95
16	Characterization of porin expression in <i>Klebsiella pneumoniae</i> Carbapenemase (KPC)-producing <i>K. pneumoniae</i> identifies isolates most susceptible to the combination of colistin and carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 2147-53	5.9	45
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