

# Liang Chen

## List of Publications by Year in descending order

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182  
papers

10,621  
citations

31902

53  
h-index

42291

92  
g-index

188  
all docs

188  
docs citations

188  
times ranked

8617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbapenemase-producing <i>Klebsiella pneumoniae</i> : molecular and genetic decoding. <i>Trends in Microbiology</i> , 2014, 22, 686-696.	3.5	407
2	Clinical Outcomes, Drug Toxicity, and Emergence of Ceftazidime-Avibactam Resistance Among Patients Treated for Carbapenem-Resistant Enterobacteriaceae Infections: Table 1.. <i>Clinical Infectious Diseases</i> , 2016, 63, 1615-1618.	2.9	362
3	Ceftazidime-Avibactam Is Superior to Other Treatment Regimens against Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	347
4	Epidemic community-associated methicillin-resistant <i>Staphylococcus aureus</i> : Recent clonal expansion and diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1327-1332.	3.3	340
5	Global epidemiology of community-associated methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA). <i>Current Opinion in Microbiology</i> , 2012, 15, 588-595.	2.3	339
6	Emergence of Ceftazidime-Avibactam Resistance Due to Plasmid-Borne <i>bla</i> <sub>KPC-3</sub> Mutations during Treatment of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	334
7	Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 <i>Klebsiella pneumoniae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4988-4993.	3.3	325
8	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2019, 4, 1457-1464.	5.9	313
9	Emergence of the mcr-1 colistin resistance gene in carbapenem-resistant Enterobacteriaceae. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 287-288.	4.6	209
10	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, .	1.4	203
11	Epidemic <i>Klebsiella pneumoniae</i> ST258 Is a Hybrid Strain. <i>MBio</i> , 2014, 5, e01355-14.	1.8	189
12	Colistin- and Carbapenem-Resistant <i>Escherichia coli</i> Harboring <i>mcr-1</i> and <i>bla</i> <sub>NDM-5</sub> , Causing a Complicated Urinary Tract Infection in a Patient from the United States. <i>MBio</i> , 2016, 7, .	1.8	179
13	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, .	1.4	178
14	Molecular and clinical epidemiology of carbapenem-resistant Enterobacterales in the USA (CRACKLE-2): a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 731-741.	4.6	174
15	Comprehensive Genome Analysis of Carbapenemase-Producing <i>Enterobacter</i> spp.: New Insights into Phylogeny, Population Structure, and Resistance Mechanisms. <i>MBio</i> , 2016, 7, .	1.8	154
16	Emerging Antimicrobial-Resistant High-Risk <i>Klebsiella pneumoniae</i> Clones ST307 and ST147. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	146
17	Complete Sequences of <i>mcr-1</i> -Harboring Plasmids from Extended-Spectrum-β-Lactamase- and Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4351-4354.	1.4	139
18	Outbreak by Hypermucoviscous <i>Klebsiella pneumoniae</i> ST11 Isolates with Carbapenem Resistance in a Tertiary Hospital in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 182.	1.8	131

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19	Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Exhibit Variability in Capsular Polysaccharide and Capsule Associated Virulence Traits. <i>Journal of Infectious Diseases</i> , 2014, 210, 803-813.	1.9	123
20	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, .	1.4	122
21	Clinical outcomes and bacterial characteristics of carbapenem-resistant <i>Klebsiella pneumoniae</i> complex among patients from different global regions (CRACKLE-2): a prospective, multicentre, cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 401-412.	4.6	122
22	Distinct Contributions of Neutrophils and CCR2 <sup>+</sup> Monocytes to Pulmonary Clearance of Different <i>Klebsiella pneumoniae</i> Strains. <i>Infection and Immunity</i> , 2015, 83, 3418-3427.	1.0	115
23	Multiplex Real-Time PCR Assay for Detection and Classification of <i>Klebsiella pneumoniae</i> Carbapenemase Gene ( <i>bla</i> <sub>KPC</sub> ) Variants. <i>Journal of Clinical Microbiology</i> , 2011, 49, 579-585.	1.8	112
24	Emergence of carbapenem-resistant Enterobacteriaceae as causes of bloodstream infections in patients with hematologic malignancies. <i>Leukemia and Lymphoma</i> , 2013, 54, 799-806.	0.6	111
25	Bacteremia due to carbapenem-resistant Enterobacteriaceae in neutropenic patients with hematologic malignancies. <i>Journal of Infection</i> , 2016, 73, 336-345.	1.7	108
26	Genomic Epidemiology of Global Carbapenemase-Producing <i>Enterobacter</i> spp., 2008–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1010-1019.	2.0	107
27	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, 2871-2877.	1.4	105
28	Effects of <i>Klebsiella pneumoniae</i> Carbapenemase Subtypes, Extended-Spectrum $\beta$ -Lactamases, and Porin Mutations on the <i>In Vitro</i> Activity of Ceftazidime-Avibactam against Carbapenem-Resistant <i>K. pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5793-5797.	1.4	104
29	Emergence of Ceftazidime-Avibactam Resistance and Restoration of Carbapenem Susceptibility in <i>Klebsiella pneumoniae</i> Carbapenemase-Producing <i>K. pneumoniae</i> : A Case Report and Review of Literature. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx101.	0.4	103
30	Frequency and Distribution of Single-Nucleotide Polymorphisms within <i>mprF</i> in Methicillin-Resistant <i>Staphylococcus aureus</i> Clinical Isolates and Their Role in Cross-Resistance to Daptomycin and Host Defense Antimicrobial Peptides. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4930-4937.	1.4	102
31	Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Strains Exhibit Diversity in Aminoglycoside-Modifying Enzymes, Which Exert Differing Effects on Plazomicin and Other Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4443-4451.	1.4	99
32	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, 5033-5035.	1.4	92
33	Multiplex Real-Time PCR for Rapid Staphylococcal Cassette Chromosome mec Typing. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3692-3706.	1.8	91
34	Architecture of a Species: Phylogenomics of <i>Staphylococcus aureus</i> . <i>Trends in Microbiology</i> , 2017, 25, 153-166.	3.5	91
35	Microbiological and Clinical Characteristics of Hypermucoviscous <i>Klebsiella pneumoniae</i> Isolates Associated with Invasive Infections in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 24.	1.8	91
36	<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.	5.9	90

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37	Complete Nucleotide Sequences of <i>bla</i> <sub>KPC-4</sub> - and <i>bla</i> <sub>KPC-5</sub> -Harboring IncN and IncX Plasmids from Klebsiella pneumoniae Strains Isolated in New Jersey. Antimicrobial Agents and Chemotherapy, 2013, 57, 269-276.	1.4	88
38	Mutations of the <i>ompK36</i> Porin Gene and Promoter Impact Responses of Sequence Type 258, KPC-2-Producing Klebsiella pneumoniae Strains to Doripenem and Doripenem-Colistin. Antimicrobial Agents and Chemotherapy, 2013, 57, 5258-5265.	1.4	87
39	Virulence Factors in Hypervirulent Klebsiella pneumoniae. Frontiers in Microbiology, 2021, 12, 642484.	1.5	87
40	Evaluation of the <i>In Vitro</i> Activity of Ceftazidime-Avibactam and Ceftolozane-Tazobactam against Meropenem-Resistant Pseudomonas aeruginosa Isolates. Antimicrobial Agents and Chemotherapy, 2016, 60, 3227-3231.	1.4	85
41	<i>In Vitro</i> Selection of Meropenem Resistance among Ceftazidime-Avibactam-Resistant, Meropenem-Susceptible Klebsiella pneumoniae Isolates with Variant KPC-3 Carbapenemases. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	84
42	A Two-Year Surveillance in Five Colombian Tertiary Care Hospitals Reveals High Frequency of Non-CG258 Clones of Carbapenem-Resistant Klebsiella pneumoniae with Distinct Clinical Characteristics. Antimicrobial Agents and Chemotherapy, 2016, 60, 332-342.	1.4	82
43	Molecular Survey of the Dissemination of Two <i>bla</i> <sub>KPC</sub> -Harboring IncFIA Plasmids in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2289-2294.	1.4	80
44	Convergence of carbapenem-resistance and hypervirulence in Klebsiella pneumoniae. Lancet Infectious Diseases, The, 2018, 18, 2-3.	4.6	80
45	Complete Nucleotide Sequence of a <i>bla</i> <sub>KPC</sub> -Harboring IncI2 Plasmid and Its Dissemination in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2013, 57, 5019-5025.	1.4	76
46	<i>Klebsiella pneumoniae</i> ST307 with <i>bla</i> <sub>OXA-181</sub> South Africa, 2014-2016. Emerging Infectious Diseases, 2019, 25, 739-747.	2.0	74
47	Early Experience With Meropenem-Vaborbactam for Treatment of Carbapenem-resistant Enterobacteriaceae Infections. Clinical Infectious Diseases, 2020, 71, 667-671.	2.9	71
48	Complete Sequence of a <i>bla</i> <sub>KPC-2</sub> -Harboring IncFII <i>K1</i> Plasmid from a Klebsiella pneumoniae Sequence Type 258 Strain. Antimicrobial Agents and Chemotherapy, 2013, 57, 1542-1545.	1.4	69
49	Phagocytosis and Killing of Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> by Human Neutrophils. Journal of Infectious Diseases, 2016, 213, 1615-1622.	1.9	69
50	Emergence of Ceftolozane-Tazobactam-Resistant Pseudomonas aeruginosa during Treatment Is Mediated by a Single AmpC Structural Mutation. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	69
51	Complete Sequence of a KPC-Producing IncN Multidrug-Resistant Plasmid from an Epidemic Escherichia coli Sequence Type 131 Strain in China. Antimicrobial Agents and Chemotherapy, 2014, 58, 2422-2425.	1.4	66
52	Multiplex PCR Analysis for Rapid Detection of Klebsiella pneumoniae Carbapenem-Resistant (Sequence) Tj ETQq0 0 0 rgBT /Overlock 10 Microbiology, 2018, 56, .	1.8	64
53	Global Molecular Epidemiology of IMP-Producing Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	61
54	Importance of Clonal Complex 258 and IncF <i>K2</i> -like Plasmids among a Global Collection of Klebsiella pneumoniae with <i>bla</i> <sub>KPC</sub> . Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	59

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55	First Report of <i>bla</i> <sub>VIM-4</sub> - and <i>mcr-9</i> -Coharboring <i>Enterobacter</i> Species Isolated from a Pediatric Patient. <i>MSphere</i> , 2019, 4, .	1.3	58
56	Relationship of <i>agr</i> Expression and Function with Virulence and Vancomycin Treatment Outcomes in Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5631-5639.	1.4	57
57	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, .	1.8	55
58	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, 2519-2523.	1.4	52
59	Rapid Molecular Diagnostics, Antibiotic Treatment Decisions, and Developing Approaches to Inform Empiric Therapy: PRIMERS I and II. <i>Clinical Infectious Diseases</i> , 2016, 62, 181-189.	2.9	52
60	Antibody-Mediated Killing of Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> by Human Neutrophils. <i>MBio</i> , 2018, 9, .	1.8	52
61	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.	1.1	51
62	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.	1.9	51
63	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, .	1.4	51
64	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, 2147-2153.	1.4	50
65	Polymyxin Combinations Combat <i>Escherichia coli</i> Harboring <i>mcr-1</i> and <i>bla</i> <sub>NDM-5</sub> : Preparation for a Postantibiotic Era. <i>MBio</i> , 2017, 8, .	1.8	50
66	CRISPR-Cas9-Mediated Carbapenemase Gene and Plasmid Curing in Carbapenem-Resistant <i>Enterobacteriaceae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	50
67	Multiplex Real-Time PCR for Detection of an Epidemic KPC-Producing <i>Klebsiella pneumoniae</i> ST258 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3444-3447.	1.4	48
68	Genetic Diversity of Carbapenem-Resistant Enterobacteriaceae (CRE) Clinical Isolates From a Tertiary Hospital in Eastern China. <i>Frontiers in Microbiology</i> , 2018, 9, 3341.	1.5	48
69	Genomic epidemiology of global VIM-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2249-2258.	1.3	47
70	First Report of an OXA-48-Producing Multidrug-Resistant <i>Proteus mirabilis</i> Strain from Gaza, Palestine. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4305-4307.	1.4	46
71	Genetic diversity and characteristics of high-level tigecycline resistance Tet(X) in <i>Acinetobacter</i> species. <i>Genome Medicine</i> , 2020, 12, 111.	3.6	45
72	Emergence of mobile tigecycline resistance mechanism in <i>Escherichia coli</i> strains from migratory birds in China. <i>Emerging Microbes and Infections</i> , 2019, 8, 1219-1222.	3.0	44

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73	Coidentification of <i>mcr-4.3</i> and <i>bla</i> <sub>NDM-1</sub> in a Clinical Enterobacter cloacae Isolate from China. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	41
74	Identification of a Novel Transposon (Tn <i>6072</i> ) and a Truncated Staphylococcal Cassette Chromosome <i>mec</i> Element in Methicillin-Resistant <i>Staphylococcus aureus</i> ST239. Antimicrobial Agents and Chemotherapy, 2010, 54, 3347-3354.	1.4	40
75	Genomic Epidemiology of Global Carbapenemase-Producing <i>Escherichia coli</i> , 2015â€“2017. Emerging Infectious Diseases, 2022, 28, .	2.0	39
76	The Global Regulon <i>sarA</i> Regulates $\hat{2}$ -Lactam Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i> In Vitro and in Endovascular Infections. Journal of Infectious Diseases, 2016, 214, 1421-1429.	1.9	37
77	Activity of Imipenem-Relebactam and Comparator Agents against Genetically Characterized Isolates of Carbapenem-Resistant Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	37
78	Rapid Molecular Diagnostics to Inform Empiric Use of Ceftazidime/Avibactam and Ceftolozane/Tazobactam Against <i>Pseudomonas aeruginosa</i> : PRIMERS IV. Clinical Infectious Diseases, 2019, 68, 1823-1830.	2.9	37
79	Genome-Wide Essentiality Analysis of <i>Mycobacterium abscessus</i> by Saturated Transposon Mutagenesis and Deep Sequencing. MBio, 2021, 12, e0104921.	1.8	37
80	Survival of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 258 in Human Blood. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	36
81	Molecular Evolution and Adaptation of Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> (LA-MRSA) Sequence Type 9. MSystems, 2021, 6, e0049221.	1.7	36
82	Assessing Molecular Epidemiology of Carbapenem-resistant <i>Klebsiella pneumoniae</i> (CR-KP) with MLST and MALDI-TOF in Central China. Scientific Reports, 2019, 9, 2271.	1.6	35
83	In vitro Activity of Apramycin Against Carbapenem-Resistant and Hypervirulent <i>Klebsiella pneumoniae</i> Isolates. Frontiers in Microbiology, 2020, 11, 425.	1.5	35
84	Partial Excision of <i>bla</i> <sub>KPC</sub> from Tn <i>4401</i> in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . Antimicrobial Agents and Chemotherapy, 2012, 56, 1635-1638.	1.4	34
85	Doripenem, Gentamicin, and Colistin, Alone and in Combinations, against Gentamicin-Susceptible, KPC-Producing <i>Klebsiella pneumoniae</i> Strains with Various <i>ompK36</i> Genotypes. Antimicrobial Agents and Chemotherapy, 2014, 58, 3521-3525.	1.4	34
86	Extensively Drug-Resistant <i>Pseudomonas aeruginosa</i> Isolates Containing <i>bla</i> <sub>VIM-2</sub> and Elements of Salmonella Genomic Island 2: a New Genetic Resistance Determinant in Northeast Ohio. Antimicrobial Agents and Chemotherapy, 2014, 58, 5929-5935.	1.4	34
87	Asymptomatic rectal colonization with carbapenem-resistant Enterobacteriaceae and <i>Clostridium difficile</i> among residents of a long-term care facility in New York City. American Journal of Infection Control, 2016, 44, 525-532.	1.1	34
88	Colonization With Levofloxacin-resistant Extended-spectrum $\hat{2}$ -Lactamase-producing Enterobacteriaceae and Risk of Bacteremia in Hematopoietic Stem Cell Transplant Recipients. Clinical Infectious Diseases, 2018, 67, 1720-1728.	2.9	34
89	Methicillin-resistant <i>Staphylococcus aureus</i> in China: a multicentre longitudinal study and whole-genome sequencing. Emerging Microbes and Infections, 2022, 11, 532-542.	3.0	34
90	Molecular Diversity and Plasmid Analysis of KPC-Producing <i>Escherichia coli</i> . Antimicrobial Agents and Chemotherapy, 2016, 60, 4073-4081.	1.4	33

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91	Impact of a Rapid Molecular Test for <i>Klebsiella pneumoniae</i> Carbapenemase and Ceftazidime-Avibactam Use on Outcomes After Bacteremia Caused by Carbapenem-Resistant Enterobacterales. <i>Clinical Infectious Diseases</i> , 2022, 75, 2066-2075.	2.9	33
92	Genome-Wide Screening for Enteric Colonization Factors in Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2019, 10, .	1.8	32
93	Evaluation of a Multiplex PCR Assay To Rapidly Detect Enterobacteriaceae with a Broad Range of $\beta$ -Lactamases Directly from Perianal Swabs. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6957-6961.	1.4	31
94	<i>In Vitro</i> Susceptibility of Multidrug-Resistant <i>Pseudomonas aeruginosa</i> following Treatment-Emergent Resistance to Ceftolozane-Tazobactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	31
95	<i>Escherichia coli</i> ST1193: Following in the Footsteps of <i>E. coli</i> ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	31
96	PBP4 Mediates $\beta$ -Lactam Resistance by Altered Function. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	30
97	High Prevalence of Metallo- $\beta$ -Lactamase-Producing <i>Enterobacter cloacae</i> From Three Tertiary Hospitals in China. <i>Frontiers in Microbiology</i> , 2019, 10, 1610.	1.5	29
98	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.	1.3	28
99	Isolation and Characterization of Novel Lytic Bacteriophages Infecting Epidemic Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Strains. <i>Frontiers in Microbiology</i> , 2020, 11, 1554.	1.5	28
100	Benefit-risk Evaluation for Diagnostics: A Framework (BED-FRAME). <i>Clinical Infectious Diseases</i> , 2016, 63, 812-817.	2.9	27
101	Molecular Evolution of a <i>Klebsiella pneumoniae</i> ST278 Isolate Harboring <i>bla</i> <sub>NDM-7</sub> and Involved in Nosocomial Transmission. <i>Journal of Infectious Diseases</i> , 2016, 214, 798-806.	1.9	27
102	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.	1.3	27
103	Multiplex PCR for Identification of Two Capsular Types in Epidemic KPC-Producing <i>Klebsiella pneumoniae</i> Sequence Type 258 Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4196-4199.	1.4	25
104	Doripenem MICs and ompK36 Porin Genotypes of Sequence Type 258, KPC-Producing <i>Klebsiella pneumoniae</i> May Predict Responses to Carbapenem-Colistin Combination Therapy among Patients with Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1797-1801.	1.4	25
105	Assessment of Mortality-Related Risk Factors and Effective Antimicrobial Regimens for Treatment of Bloodstream Infections Caused by Carbapenem-Resistant <i>Enterobacterales</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0069821.	1.4	25
106	Early <i>agr</i> activation correlates with vancomycin treatment failure in multi-clonotype MRSA endovascular infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1443-1452.	1.3	24
107	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.	2.9	24
108	Complete Sequence of a <i>bla</i> <sub>KPC</sub> -Harboring Cointegrate Plasmid Isolated from <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2956-2959.	1.4	23

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109	<i>In Vitro</i> Activity of Ceftazidime-Avibactam against Carbapenem-Resistant and Hypervirulent <i>Klebsiella pneumoniae</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	23
110	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-E846.	1.8	22
111	Complete Sequence of a <i>tet</i> (X4)-Harboring IncX1 Plasmid, pYY76-1-2, in <i>Escherichia coli</i> from a Cow Sample in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	22
112	Spread of <i>tet</i> (X5) and <i>tet</i> (X6) genes in multidrug-resistant <i>Acinetobacter baumannii</i> strains of animal origin. <i>Veterinary Microbiology</i> , 2021, 253, 108954.	0.8	22
113	Hospital Dissemination of <i>tst</i> -1-Positive Clonal Complex 5 (CC5) Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 101.	1.8	21
114	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.	1.3	21
115	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, .	1.4	21
116	Multicenter Genomic Analysis of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> from Bacteremia in China. <i>Microbiology Spectrum</i> , 2022, 10, e0229021.	1.2	21
117	A Ceftazidime-Avibactam-Resistant and Carbapenem-Susceptible <i>Klebsiella pneumoniae</i> Strain Harboring <i>bla</i> <sub>KPC-14</sub> Isolated in New York City. <i>MSphere</i> , 2020, 5, .	1.3	20
118	Identification of Outer Membrane and Exoproteins of Carbapenem-Resistant Multilocus Sequence Type 258 <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2015, 10, e0123219.	1.1	19
119	RpoE is a Putative Antibiotic Resistance Regulator of <i>Salmonella enteric</i> Serovar Typhi. <i>Current Microbiology</i> , 2016, 72, 457-464.	1.0	19
120	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, .	1.4	19
121	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.	1.3	19
122	Molecular Epidemiology, Natural History, and Long-Term Outcomes of Multidrug-Resistant Enterobacterales Colonization and Infections Among Solid Organ Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2022, 74, 395-406.	2.9	19
123	Genetic Variation among Panton-Valentine Leukocidin-Encoding Bacteriophages in <i>Staphylococcus aureus</i> Clonal Complex 30 Strains. <i>Journal of Clinical Microbiology</i> , 2013, 51, 914-919.	1.8	18
124	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, 7597-7600.	1.4	17
125	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, .	1.4	17
126	Genomic Characterization of VIM Metallo- $\beta$ -Lactamase-Producing <i>Alcaligenes faecalis</i> from Gaza, Palestine. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	17



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127	In vitro activity of aztreonam-avibactam against metallo- $\beta$ -lactamase-producing Enterobacteriaceae: A multicenter study in China. <i>International Journal of Infectious Diseases</i> , 2020, 97, 11-18.	1.5	17
128	Reduced Ceftazidime-Avibactam Susceptibility in KPC-Producing <i>Klebsiella pneumoniae</i> From Patients Without Ceftazidime-Avibactam Use History: A Multicenter Study in China. <i>Frontiers in Microbiology</i> , 2020, 11, 1365.	1.5	17
129	Evolutionary Trajectory of the Tet(X) Family: Critical Residue Changes towards High-Level Tigecycline Resistance. <i>MSystems</i> , 2021, 6, .	1.7	17
130	Accessory Genomes Drive Independent Spread of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Clonal Groups 258 and 307 in Houston, TX. <i>MBio</i> , 2022, 13, e0049722.	1.8	17
131	<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, .	1.4	16
132	Real-Time Nucleic Acid Sequence-Based Amplification Assay for Rapid Detection and Quantification of <i>agr</i> Functionality in Clinical <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2012, 50, 657-661.	1.8	15
133	Genome Sequence of a <i>Klebsiella pneumoniae</i> Sequence Type 258 Isolate with Prophage-Encoded K. pneumoniae Carbapenemase. <i>Genome Announcements</i> , 2015, 3, .	0.8	15
134	Ceftazidime/avibactam Improves the Antibacterial Efficacy of Polymyxin B Against Polymyxin B Heteroresistant KPC-2-Producing <i>Klebsiella pneumoniae</i> and Hinders Emergence of Resistant Subpopulation in vitro. <i>Frontiers in Microbiology</i> , 2019, 10, 2029.	1.5	15
135	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.	3.0	15
136	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, .	1.4	14
137	Expression characteristics of the plasmid-borne <i>mcr-1</i> colistin resistance gene. <i>Oncotarget</i> , 2017, 8, 107596-107602.	0.8	14
138	New Delhi Metallo- $\beta$ -Lactamase-Producing <i>Klebsiella pneumoniae</i> Sequence Type 258, Southwest China, 2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 1209-1213.	2.0	14
139	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, 77, 74-82.	1.3	14
140	Microbiological and Genetic Characterization of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Isolated From Pediatric Patients. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014, 3, e10-e14.	0.6	13
141	First Report of Complete Sequence of a bla <sub>NDM-13</sub> -Harboring Plasmid from an <i>Escherichia coli</i> ST5138 Clinical Isolate. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 130.	1.8	13
142	Scope and Predictive Genetic/Phenotypic Signatures of Bicarbonate (NaHCO <sub>3</sub> ) Responsiveness and $\beta$ -Lactam Sensitization in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
143	Characterization of IncHI1B Plasmids Encoding Efflux Pump TmexCD2-ToprJ2 in Carbapenem-Resistant <i>Klebsiella variicola</i> , <i>Klebsiella quasipneumoniae</i> , and <i>Klebsiella michiganensis</i> Strains. <i>Frontiers in Microbiology</i> , 2021, 12, 759208.	1.5	13
144	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.	1.3	12

#	ARTICLE	IF	CITATIONS
145	Two for the price of one: emerging carbapenemases in a returning traveller to New York City. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-225440.	0.2	12
146	The Role of the Two-Component QseBC Signaling System in Biofilm Formation and Virulence of Hypervirulent <i>Klebsiella pneumoniae</i> ATCC43816. <i>Frontiers in Microbiology</i> , 2022, 13, 817494.	1.5	12
147	Molecular epidemiology of <i>Staphylococcus aureus</i> in post-earthquake northern Haiti. <i>International Journal of Infectious Diseases</i> , 2014, 29, 146-151.	1.5	11
148	Emergence of Resistance to Colistin During the Treatment of Bloodstream Infection Caused by <i>Klebsiella pneumoniae</i> Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy054.	0.4	11
149	Complete Nucleotide Sequence of a Novel Plasmid Bearing the High-Level Tigecycline Resistance Gene tet (X4). <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	11
150	Promoter Variation and Gene Expression of mcr-1 -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, .	1.4	10
151	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, 2823-2826.	1.8	9
152	Colistin Resistance in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Mediated by Chromosomal Integration of Plasmid DNA. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	9
153	Apramycin resistance in epidemic carbapenem-resistant <i>Klebsiella pneumoniae</i> ST258 strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2017-2023.	1.3	9
154	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.	0.9	9
155	CRISPR Inhibition of Essential Peptidoglycan Biosynthesis Genes in <i>Mycobacterium abscessus</i> and Its Impact on $\beta$ -Lactam Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, , e0009322.	1.4	9
156	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, .	1.8	8
157	Emergence of Resistance to Ceftazidime-Avibactam in a <i>Pseudomonas aeruginosa</i> Isolate Producing Derepressed bla <sub>PDC</sub> in a Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	8
158	Histone Acetylation Regulator Gcn5 Mediates Drug Resistance and Virulence of <i>Candida glabrata</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	8
159	Aspartic Acid Residue 51 of SaeR Is Essential for <i>Staphylococcus aureus</i> Virulence. <i>Frontiers in Microbiology</i> , 2018, 9, 3085.	1.5	7
160	Identification of methicillin-resistant <i>Staphylococcus aureus</i> ST8 isolates in China with potential high virulence. <i>Emerging Microbes and Infections</i> , 2022, 11, 507-518.	3.0	7
161	Outbreak of IncX8 Plasmid-Mediated KPC-3-Producing Enterobacterales Infection, China. <i>Emerging Infectious Diseases</i> , 2022, 28, 1421-1430.	2.0	7
162	IMP-38-Producing High-Risk Sequence Type 307 <i>Klebsiella pneumoniae</i> Strains from a Neonatal Unit in China. <i>MSphere</i> , 2020, 5, .	1.3	6

#	ARTICLE	IF	CITATIONS
163	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.	1.1	6
164	More insights into a human adipose tissue GPAT activity assay. <i>Adipocyte</i> , 2016, 5, 93-96.	1.3	5
165	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.	1.1	5
166	Impact of the Novel Prophage $\phi$ SA169 on Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Endovascular Infection. <i>MSystems</i> , 2020, 5, .	1.7	5
167	Postvaccination SARS-COV-2 among Health Care Workers in New Jersey: A Genomic Epidemiological Study. <i>Microbiology Spectrum</i> , 2021, 9, e0188221.	1.2	5
168	In vitro Optimization of Ceftazidime/Avibactam for KPC-Producing <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 618087.	1.5	4
169	Whole Genome Sequencing Assessing Impact of Diabetes Mellitus on Tuberculosis Mutations and Type of Recurrence in India. <i>Clinical Infectious Diseases</i> , 2022, 75, 768-776.	2.9	4
170	<i>bla</i> <sub>KPC-24</sub> -Harboring <i>Aeromonas veronii</i> from the Hospital Sewage Samples in China. <i>Microbiology Spectrum</i> , 2022, 10, e0055522.	1.2	4
171	Carbapenemase-Encoding Gene Copy Number Estimator (CCNE): a Tool for Carbapenemase Gene Copy Number Estimation. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	4
172	CG258 <i>Klebsiella pneumoniae</i> isolates without $\beta$ -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.	1.3	3
173	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.	0.8	3
174	Rifampin resistance mutations in the <i>rpoB</i> gene of <i>Enterococcus faecalis</i> impact host macrophage cytokine production. <i>Cytokine</i> , 2022, 151, 155788.	1.4	3
175	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.	1.5	2
176	In Vitro Activity of Auranofin in Combination With Aztreonam-Avibactam Against Metallo- $\beta$ -lactamase (MBL)-Producing Enterobacterales. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 755763.	1.8	1
177	Ceftazidime-avibactam based combinations against carbapenemase producing <i>Klebsiella pneumoniae</i> harboring hypervirulence plasmids. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3946-3954.	1.9	1
178	Ceftazidime-Avibactam Combats KPC-2 and KPC-3-Producing <i>Klebsiella pneumoniae</i> ST258: New Pharmacodynamic Insights into the Next Generation of $\beta$ -Lactam/ $\beta$ -Lactamase Inhibitors. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
179	Impact of Rectal Colonization With Highly Drug-Resistant Enterobacteriaceae on Post-Transplant Infections: The Carbapenem-Resistant Enterobacteriaceae Carriage in Solid Organ Transplant (CREST) Study. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
180	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.	0.4	0

#	ARTICLE	IF	CITATIONS
181	Molecular Detection and Characterization of Carbapenem-Resistant Enterobacteriaceae. , 2018, , 165-185.		0
182	Reply to Caldwell et al. Clinical Infectious Diseases, 2021, , .	2.9	0