# Kalyan D Chavda

List of Publications by Year
in descending order

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|---|---|---|---|
| 35 papers | 2,787 citations | 257450 24 h-index | 361022 35 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 3268 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Carbapenemase-producing Klebsiella pneumoniae: molecular and genetic decoding. Trends in Microbiology, 2014, 22, 686-696. | 7.7 | 407 |
| 2 | Emergence of Ceftazidime-Avibactam Resistance Due to Plasmid-Borne bla <sub>KPC-3</sub> Mutations during Treatment of Carbapenem-Resistant Klebsiella pneumoniae Infections. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 334 |
| 3 | Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 Klebsiella pneumoniae. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4988-4993. | 7.1 | 325 |
| 4 | Colistin- and Carbapenem-Resistant Escherichia coli Harboring mcr-1 and bla <sub>NDM-5</sub> , Causing a Complicated Urinary Tract Infection in a Patient from the United States. MBio, 2016, 7, . | 4.1 | 179 |
| 5 | Comprehensive Genome Analysis of Carbapenemase-Producing Enterobacter spp.: New Insights into Phylogeny, Population Structure, and Resistance Mechanisms. MBio, 2016, 7, . | 4.1 | 154 |
| 6 | Complete Sequences of mcr-1 -Harboring Plasmids from Extended-Spectrum-Î²-Lactamase- and Carbapenemase-Producing Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2016, 60, 4351-4354. | 3.2 | 139 |
| 7 | Comparative Genomic Analysis of KPC-Encoding pKpQIL-Like Plasmids and Their Distribution in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2871-2877. | 3.2 | 105 |
| 8 | Detection of the mcr-1 Colistin Resistance Gene in Carbapenem-Resistant Enterobacteriaceae from Different Hospitals in China. Antimicrobial Agents and Chemotherapy, 2016, 60, 5033-5035. | 3.2 | 92 |
| 9 | Complete Nucleotide Sequences of bla <sub>KPC-4</sub> - and bla <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. | 3.2 | 88 |
| 10 | 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. | 3.2 | 82 |
| 11 | Molecular Survey of the Dissemination of Two bla <sub>KPC</sub> -Harboring IncFIA Plasmids in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2014, 58, 2289-2294. | 3.2 | 80 |
| 12 | Complete Nucleotide Sequence of a bla <sub>KPC</sub> -Harboring IncI2 Plasmid and Its Dissemination in New Jersey and New York Hospitals. Antimicrobial Agents and Chemotherapy, 2013, 57, 5019-5025. | 3.2 | 76 |
| 13 | Complete Sequence of a bla <sub>KPC-2</sub> -Harboring IncFII <sub>K1</sub> Plasmid from a Klebsiella pneumoniae Sequence Type 258 Strain. Antimicrobial Agents and Chemotherapy, 2013, 57, 1542-1545. | 3.2 | 69 |
| 14 | 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. | 3.2 | 66 |
| 15 | First Report of bla <sub>VIM-4</sub> - and mcr-9 -Coharboring Enterobacter Species Isolated from a Pediatric Patient. MSphere, 2019, 4, . | 2.9 | 58 |
| 16 | Genomic Characterization of Enterobacter cloacae Isolates from China That Coproduce KPC-3 and NDM-1 Carbapenemases. Antimicrobial Agents and Chemotherapy, 2016, 60, 2519-2523. | 3.2 | 52 |
| 17 | Multiplex Real-Time PCR for Detection of an Epidemic KPC-Producing Klebsiella pneumoniae ST258 Clone. Antimicrobial Agents and Chemotherapy, 2012, 56, 3444-3447. | 3.2 | 48 |
| 18 | First Report of an OXA-48-Producing Multidrug-Resistant Proteus mirabilis Strain from Gaza, Palestine. Antimicrobial Agents and Chemotherapy, 2015, 59, 4305-4307. | 3.2 | 46 |

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|---|---|---|---|
| 19 | Coidentification of mcr-4.3 and bla <sub>NDM-1</sub> in a Clinical Enterobacter cloacae Isolate from China. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 3.2 | 41 |
| 20 | Identification of a Novel Transposon (Tn 6072 ) and a Truncated Staphylococcal Cassette Chromosome mec Element in Methicillin-Resistant Staphylococcus aureus ST239. Antimicrobial Agents and Chemotherapy, 2010, 54, 3347-3354. | 3.2 | 40 |
| 21 | Partial Excision of bla <sub>KPC</sub> from Tn 4401 in Carbapenem-Resistant Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2012, 56, 1635-1638. | 3.2 | 34 |
| 22 | Colonization With Levofloxacin-resistant Extended-spectrum Î²-Lactamase-producing Enterobacteriaceae and Risk of Bacteremia in Hematopoietic Stem Cell Transplant Recipients. Clinical Infectious Diseases, 2018, 67, 1720-1728. | 5.8 | 34 |
| 23 | Molecular Diversity and Plasmid Analysis of KPC-Producing Escherichia coli. Antimicrobial Agents and Chemotherapy, 2016, 60, 4073-4081. | 3.2 | 33 |
| 24 | Evaluation of a Multiplex PCR Assay To Rapidly Detect Enterobacteriaceae with a Broad Range of Î²-Lactamases Directly from Perianal Swabs. Antimicrobial Agents and Chemotherapy, 2016, 60, 6957-6961. | 3.2 | 31 |
| 25 | Multiplex PCR for Identification of Two Capsular Types in Epidemic KPC-Producing Klebsiella pneumoniae Sequence Type 258 Strains. Antimicrobial Agents and Chemotherapy, 2014, 58, 4196-4199. | 3.2 | 25 |
| 26 | Complete Sequence of a bla <sub>KPC</sub> -Harboring Cointegrate Plasmid Isolated from Escherichia coli. Antimicrobial Agents and Chemotherapy, 2015, 59, 2956-2959. | 3.2 | 23 |
| 27 | A Ceftazidime-Avibactam-Resistant and Carbapenem-Susceptible Klebsiella pneumoniae Strain Harboring bla <sub>KPC-14</sub> Isolated in New York City. MSphere, 2020, 5, . | 2.9 | 20 |
| 28 | Genomic Characterization of Two KPC-Producing Klebsiella Isolates Collected in 1997 in New York City. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 19 |
| 29 | Genetic Variation among Panton-Valentine Leukocidin-Encoding Bacteriophages in Staphylococcus aureus Clonal Complex 30 Strains. Journal of Clinical Microbiology, 2013, 51, 914-919. | 3.9 | 18 |
| 30 | Piperacillin-Tazobactam-Resistant/Third-Generation Cephalosporin-Susceptible Escherichia coli and Klebsiella pneumoniae Isolates: Resistance Mechanisms and In vitro-In vivo Discordance. International Journal of Antimicrobial Agents, 2020, 55, 105885. | 2.5 | 18 |
| 31 | Genomic Characterization of VIM Metallo-Î²-Lactamase-Producing Alcaligenes faecalis from Gaza, Palestine. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 17 |
| 32 | Genome Sequence of a Klebsiella pneumoniae Sequence Type 258 Isolate with Prophage-Encoded K. pneumoniae Carbapenemase. Genome Announcements, 2015, 3, . | 0.8 | 15 |
| 33 | Epidemiology of Bloodstream Infections Caused by Escherichia coli and Klebsiella pneumoniae That Are Piperacillin-Tazobactam-Nonsusceptible but Ceftriaxone-Susceptible. Open Forum Infectious Diseases, 2018, 5, ofy300. | 0.9 | 13 |
| 34 | Molecular Characterization of Piperacillin-Tazobactam (TZP)-Resistant Escherichia coli Susceptible to Cephalosporins, Monobactams, and Carbapenems. Open Forum Infectious Diseases, 2015, 2, . | 0.9 | 3 |
| 35 | CG258 Klebsiella pneumoniae isolates without Î²-lactam resistance at the onset of the carbapenem-resistant Enterobacteriaceae epidemic in New York City. Journal of Antimicrobial Chemotherapy, 2019, 74, 17-21. | 3.0 | 3 |