# Jian-Hua Liu

List of Publications by Year
in descending order



| 78 | 7,802 | 126858 | 66879 |
|---|---|---|---|
| papers | citations | 33 h-index | 78 g-index |

| 79 | 79 | 79 | 7384 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PixR, a Novel Activator of Conjugative Transfer of IncX4 Resistance Plasmids, Mitigates the Fitness Cost of mcr-1 Carriage in Escherichia coli. MBio, 2022, 13, e0320921. | 1.8 | 16 |
| 2 | Characterization of NDM-5-producing <i>Enterobacteriaceae</i> isolates from retail grass carp (<i>Ctenopharyngodon idella</i>) and evidence of <i>bla</i><sub>NDM-5</sub>-bearing IncHI2 plasmid transfer between ducks and fish. Zoological Research, 2022, 43, 255-264. | 0.9 | 11 |
| 3 | Characterization of a Novel Linezolid Resistance Gene optrA and Bacitracin Resistance Locus-Carrying Multiple Antibiotic Resistant Integrative and Conjugative Element ICE Ssu 1112S in Streptococccus Suis. Microbiology Spectrum, 2022, 10, e0196321. | 1.2 | 7 |
| 4 | Emergence of the tigecycline resistance gene cluster tmexCD1-toprJ1 in an IncC plasmid and Citrobacter portucalensis. Journal of Antimicrobial Chemotherapy, 2022, 77, 2030-2033. | 1.3 | 3 |
| 5 | Multidrug Resistance Genes Carried by a Novel Transposon Tn 7376 and a Genomic Island Named MMGI-4 in a Pathogenic Morganella morganii Isolate. Microbiology Spectrum, 2022, 10, e0026522. | 1.2 | 4 |
| 6 | Detection of Tet(X4)-producing Klebsiella pneumoniae from the environment and wide spread of IncFIA-IncHI1Aâ€“IncHI1B plasmid carrying tet(X4) in China. Journal of Global Antimicrobial Resistance, 2022, 30, 130-132. | 0.9 | 5 |
| 7 | Emergence of a Novel Plasmid-Mediated Tigecycline Resistance Gene Cluster, tmexCD4-toprJ4 , in Klebsiella quasipneumoniae and Enterobacter roggenkampii. Microbiology Spectrum, 2022, 10, . | 1.2 | 14 |
| 8 | Emergence of bla<sub>NDM-5</sub> in Enterobacteriaceae Isolates from Companion Animals in Guangzhou, China. Microbial Drug Resistance, 2021, 27, 809-815. | 0.9 | 7 |
| 9 | IS 26 Mediates the Acquisition of Tigecycline Resistance Gene Cluster tmexCD1-toprJ1 by IncHI1B-FIB Plasmids in Klebsiella pneumoniae and Klebsiella quasipneumoniae from Food Market Sewage. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 1.4 | 24 |
| 10 | Clonal spread of <i>Escherichia coli</i> O101:H9-ST10 and O101:H9-ST167 strains carrying <i>fosA3</i> and <i>bla</i><sub>CTX-M-14</sub> among diarrheal calves in a Chinese farm, with Australian <i>Chroicocephalus</i> as the possible origin of <i>E. coli</i> O101:H9-ST10. Zoological Research, 2021, 42, 461-468. | 0.9 | 13 |
| 11 | Rapid Increase in the IS26-Mediated cfr Gene in E. coli Isolates with IncP and IncX4 Plasmids and Co-Existing cfr and mcr-1 Genes in a Swine Farm. Pathogens, 2021, 10, 33. | 1.2 | 14 |
| 12 | Characterization of blaCMY-2-carrying IncC and rmtB-carrying IncI1/ST136 plasmids in an avian Escherichia coli ST224 strain. Plasmid, 2021, 114, 102555. | 0.4 | 6 |
| 13 | A ProQ/FinO family protein involved in plasmid copy number control favours fitness of bacteria carryingmcr-1-bearing IncI2 plasmids. Nucleic Acids Research, 2021, 49, 3981-3996. | 6.5 | 34 |
| 14 | A Novel Transferable Resistance-Nodulation-Division Pump Gene Cluster, tmexCD2-toprJ2 , Confers Tigecycline Resistance in Raoultella ornithinolytica. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 1.4 | 41 |
| 15 | Impact of mcr-1 on the Development of High Level Colistin Resistance in Klebsiella pneumoniae and Escherichia coli. Frontiers in Microbiology, 2021, 12, 666782. | 1.5 | 10 |
| 16 | Novel tigecycline resistance gene cluster tnfxB3-tmexCD3-toprJ1b in Proteus spp. and Pseudomonas aeruginosa, co-existing with tet(X6) on an SXT/R391 integrative and conjugative element. Journal of Antimicrobial Chemotherapy, 2021, 76, 3159-3167. | 1.3 | 22 |
| 17 | Double deletion of cpxR and tolC significantly increases the susceptibility of Salmonella enterica serovar Typhimurium to colistin. Journal of Antimicrobial Chemotherapy, 2021, 76, 3168-3174. | 1.3 | 4 |
| 18 | Editorial: Globally or Regionally Spread of Epidemic Plasmids Carrying Clinically Important Resistance Genes: Epidemiology, Molecular Mechanism, and Drivers. Frontiers in Microbiology, 2021, 12, 822802. | 1.5 | 3 |

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|---|---|---|---|
| 19 | Metabolic Perturbations Caused by the Over-Expression of mcr-1 in Escherichia coli. Frontiers in Microbiology, 2020, 11, 588658. | 1.5 | 7 |
| 20 | mcr-1 and plasmid prevalence in Escherichia coli from livestock. Lancet Infectious Diseases, The, 2020, 20, 1126. | 4.6 | 22 |
| 21 | Multiple Plasmid Vectors Mediate the Spread of fosA3 in Extended-Spectrum-Î²-Lactamase-Producing Enterobacterales Isolates from Retail Vegetables in China. MSphere, 2020, 5, . | 1.3 | 11 |
| 22 | <p>Identification of <em>fosA10</em>, a Novel Plasmid-Mediated Fosfomycin Resistance Gene of <em>Klebsiella pneumoniae</em> Origin, in <em>Escherichia coli</em></p>. Infection and Drug Resistance, 2020, Volume 13, 1273-1279. | 1.1 | 21 |
| 23 | Extended-spectrum Î²-lactamase-producing Escherichia coli. Lancet Infectious Diseases, The, 2020, 20, 404-405. | 4.6 | 11 |
| 24 | Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. MBio, 2020, 11, . | 1.8 | 153 |
| 25 | CpxR regulates the colistin susceptibility of Salmonella Typhimurium by a multitarget mechanism. Journal of Antimicrobial Chemotherapy, 2020, 75, 2780-2786. | 1.3 | 11 |
| 26 | Co-selection may explain the unexpectedly high prevalence of plasmid-mediated colistin resistance gene mcr-1 in a Chinese broiler farm. Zoological Research, 2020, 41, 569-575. | 0.9 | 21 |
| 27 | Emergent Polymyxin Resistance: End of an Era?. Open Forum Infectious Diseases, 2019, 6, . | 0.4 | 60 |
| 28 | Rapid Increase in Carbapenemase-Producing Enterobacteriaceae in Retail Meat Driven by the Spread of the bla <sub>NDM-5</sub> -Carrying IncX3 Plasmid in China from 2016 to 2018. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 1.4 | 43 |
| 29 | <p>Emergence of Almost Identical F36:A-:B32 Plasmids CarryingÂ<em>bla</em><sub>NDM-5</sub>ÂandÂ<em>qepA</em>ÂinÂ<em>Escherichia coliÂ</em>from Both Pakistan and Canada</p>. Infection and Drug Resistance, 2019, Volume 12, 3981-3985. | 1.1 | 14 |
| 30 | Emergence of Klebsiella pneumoniae and Enterobacter cloacae producing OXA-48 carbapenemases from retail meats in China, 2018. Journal of Antimicrobial Chemotherapy, 2019, 74, 3632-3634. | 1.3 | 8 |
| 31 | Detection of mcr-1 Gene among Escherichia coli Isolates from Farmed Fish and Characterization of mcr-1 -Bearing IncP Plasmids. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 1.4 | 24 |
| 32 | Comparative genomics of rmtB-carrying IncI1 ST136 plasmids in avian escherichia coli isolates from chickens in China. International Journal of Antimicrobial Agents, 2018, 51, 659-662. | 1.1 | 7 |
| 33 | Emergence of Escherichia coli co-producing NDM-1 and KPC-2 carbapenemases from a retail vegetable, China. Journal of Antimicrobial Chemotherapy, 2018, 73, 252-254. | 1.3 | 33 |
| 34 | Emergence of methicillin-resistant Staphylococcus aureus ST398 in pigs in China. International Journal of Antimicrobial Agents, 2018, 51, 275-276. | 1.1 | 17 |
| 35 | Clonal Spread of Escherichia coli ST93 Carrying mcr-1-Harboring IncN1-IncHI2/ST3 Plasmid Among Companion Animals, China. Frontiers in Microbiology, 2018, 9, 2989. | 1.5 | 28 |
| 36 | Emergence of XDR Escherichia coli carrying both blaNDM and mcr-1 genes in chickens at slaughter and the characterization of two novel blaNDM-bearing plasmids. Journal of Antimicrobial Chemotherapy, 2018, 73, 2261-2263. | 1.3 | 16 |

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|---|---|---|---|
| 37 | Fitness Advantage of mcr-1â€“Bearing IncI2 and IncX4 Plasmids in Vitro. Frontiers in Microbiology, 2018, 9, 331. | 1.5 | 101 |
| 38 | Evolution and Comparative Genomics of F33:Aâ^':Bâ^' Plasmids Carrying bla <sub>CTX-M-55</sub> or bla <sub>CTX-M-65</sub> in Escherichia coli and Klebsiella pneumoniae Isolated from Animals, Food Products, and Humans in China. MSphere, 2018, 3, . | 1.3 | 47 |
| 39 | Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2625-2630. | 1.3 | 101 |
| 40 | Monitoring Colistin Resistance in Food Animals, An Urgent Threat. Expert Review of Anti-Infective Therapy, 2018, 16, 443-446. | 2.0 | 57 |
| 41 | Prevalence, risk factors, outcomes, and molecular epidemiology of mcr-1 -positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. Lancet Infectious Diseases, The, 2017, 17, 390-399. | 4.6 | 298 |
| 42 | Chromosomal location of the fosA3 and bla CTX-M genes in Proteus mirabilis and clonal spread of Escherichia coli ST117 carrying fosA3 -positive IncHI2/ST3 or F2:A-:B- plasmids in a chicken farm. International Journal of Antimicrobial Agents, 2017, 49, 443-448. | 1.1 | 20 |
| 43 | Impact of plasmid-borne oqxAB on the development of fluoroquinolone resistance and bacterial fitness in Escherichia coli. Journal of Antimicrobial Chemotherapy, 2017, 72, 1293-1302. | 1.3 | 22 |
| 44 | Structural Modification of Lipopolysaccharide Conferred by mcr-1 in Gram-Negative ESKAPE Pathogens. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 1.4 | 96 |
| 45 | Emergence of mcr-1 in Raoultella ornithinolytica and Escherichia coli Isolates from Retail Vegetables in China. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 1.4 | 67 |
| 46 | Distribution of cfr in Staphylococcus spp. and Escherichia coli Strains from Pig Farms in China and Characterization of a Novel cfr-Carrying F43:A-:B- Plasmid. Frontiers in Microbiology, 2017, 8, 329. | 1.5 | 22 |
| 47 | High Prevalence of Colistin Resistance and mcr-1 Gene in Escherichia coli Isolated from Food Animals in China. Frontiers in Microbiology, 2017, 8, 562. | 1.5 | 86 |
| 48 | Characterization of oqxAB in Escherichia coli Isolates from Animals, Retail Meat, and Human Patients in Guangzhou, China. Frontiers in Microbiology, 2017, 8, 1982. | 1.5 | 20 |
| 49 | mcr-1â^'Harboring Salmonella enterica Serovar Typhimurium Sequence Type 34 in Pigs, China. Emerging Infectious Diseases, 2017, 23, 291-295. | 2.0 | 62 |
| 50 | é‡Žç”ŸåŠ¨ç‰©(é‡Žé¸Ÿ)å¯¹å…¨çƒè€•åŸºå›¼æ'çš„å½±å“• Zoological Research, 2017, 38, 55-80. | 0.9 | 94 |
| 51 | Research progress on the plasmid-mediated colistin resistance gene mcr-1. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2017, 39, 110-126. | 0.1 | 11 |
| 52 | Response to Comment on “The role of wildlife (wild birds) in the global transmission of antimicrobial resistance genes”. Zoological Research, 2017, 38, 212-212. | 0.9 | 93 |
| 53 | Comparative Characterization of CTX-M-64 and CTX-M-14 Provides Insights into the Structure and Catalytic Activity of the CTX-M Class of Enzymes. Antimicrobial Agents and Chemotherapy, 2016, 60, 6084-6090. | 1.4 | 12 |
| 54 | Emergence of plasmid-mediated colistin resistance mechanism MCR-1 in animals and human beings in China: a microbiological and molecular biological study. Lancet Infectious Diseases, The, 2016, 16, 161-168. | 4.6 | 4,130 |

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|---|---|---|---|
| 55 | Dissemination of the mcr-1 colistin resistance gene. Lancet Infectious Diseases, The, 2016, 16, 292-293. | 4.6 | 151 |
| 56 | Carbapenem-resistant and colistin-resistant Escherichia coli co-producing NDM-9 and MCR-1. Lancet Infectious Diseases, The, 2016, 16, 288-289. | 4.6 | 214 |
| 57 | bla <sub>CTX-M-1/9/1</sub> Hybrid Genes May Have Been Generated from bla <sub>CTX-M-15</sub> on an IncI2 Plasmid. Antimicrobial Agents and Chemotherapy, 2015, 59, 4464-4470. | 1.4 | 25 |
| 58 | Distribution of the Multidrug Resistance GenecfrinStaphylococcusIsolates from Pigs, Workers, and the Environment of a Hog Market and a Slaughterhouse in Guangzhou, China. Foodborne Pathogens and Disease, 2015, 12, 598-605. | 0.8 | 18 |
| 59 | Residues Distal to the Active Site Contribute to Enhanced Catalytic Activity of Variant and Hybrid Î²-Lactamases Derived from CTX-M-14 and CTX-M-15. Antimicrobial Agents and Chemotherapy, 2015, 59, 5976-5983. | 1.4 | 41 |
| 60 | F33: A-: B-, IncHI2/ST3, and IncI1/ST71 plasmids drive the dissemination of fosA3 and blaCTXÃ¢Ë†â€™MÃ¢Ë†â€™55/Ã¢Ë†â€™14/Ã¢Ë†â€™65 in Escherichia coli from chickens in China. Frontiers in Microbiology, 2014, 5, 688. | 1.5 | 34 |
| 61 | The association between occurrence of plasmid-mediated quinolone resistance and ciprofloxacin resistance in Escherichia coli isolates of different origins. Veterinary Microbiology, 2014, 170, 89-96. | 0.8 | 37 |
| 62 | Complete sequence of a F2:A-:B- plasmid pHN3A11 carrying rmtB and qepA, and its dissemination in China. Veterinary Microbiology, 2014, 174, 267-271. | 0.8 | 18 |
| 63 | A multidrug-resistance region containing bla CTX-M-65, fosA3 and rmtB on conjugative IncFII plasmids in Escherichia coli ST117 isolates from chicken. Journal of Medical Microbiology, 2014, 63, 485-488. | 0.7 | 15 |
| 64 | Increasing prevalence of extended-spectrum cephalosporin-resistant Escherichia coli in food animals and the diversity of CTX-M genotypes during 2003â€“2012. Veterinary Microbiology, 2014, 172, 534-541. | 0.8 | 103 |
| 65 | High prevalence of Cfr-producing Staphylococcus species in retail meat in Guangzhou, China. BMC Microbiology, 2014, 14, 151. | 1.3 | 15 |
| 66 | Complete nucleotide sequence of pHN7A8, an F33:A-:B-type epidemic plasmid carrying blaCTX-M-65, fosA3 and rmtB from China. Journal of Antimicrobial Chemotherapy, 2013, 68, 46-50. | 1.3 | 74 |
| 67 | CTX-M-123, a Novel Hybrid of the CTX-M-1 and CTX-M-9 Group Î²-Lactamases Recovered from Escherichia coli Isolates in China. Antimicrobial Agents and Chemotherapy, 2013, 57, 4068-4071. | 1.4 | 40 |
| 68 | Genetic Characterization of IncI2 Plasmids Carrying bla <sub>CTX-M-55</sub> Spreading in both Pets and Food Animals in China. Antimicrobial Agents and Chemotherapy, 2013, 57, 2824-2827. | 1.4 | 68 |
| 69 | Detection of the plasmid-encoded fosfomycin resistance gene fosA3 in Escherichia coli of food-animal origin. Journal of Antimicrobial Chemotherapy, 2013, 68, 766-770. | 1.3 | 56 |
| 70 | Prevalence and characteristics of rmtB and qepA in Escherichia coli isolated from diseased animals in China. Frontiers in Microbiology, 2013, 4, 198. | 1.5 | 18 |
| 71 | Characterization of Extended-Spectrum Î²-Lactamase Genes Found among Escherichia coli Isolates from Duck and Environmental Samples Obtained on a Duck Farm. Applied and Environmental Microbiology, 2012, 78, 3668-3673. | 1.4 | 70 |
| 72 | Dissemination of the Fosfomycin Resistance Gene fosA3 with CTX-M Î²-Lactamase Genes and rmtB Carried on IncFII Plasmids among Escherichia coli Isolates from Pets in China. Antimicrobial Agents and Chemotherapy, 2012, 56, 2135-2138. | 1.4 | 134 |

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|---|---|---|---|
| 73 | Prevalence and characterisation of CTX-M Î²-lactamases amongst Escherichia coli isolates from healthy food animals in China. International Journal of Antimicrobial Agents, 2012, 39, 305-310. | 1.1 | 142 |
| 74 | F33:Aâ^':Bâ^' and F2:Aâ^':Bâ^' Plasmids Mediate Dissemination of rmtB-bla <sub>CTX-M-9</sub> Group Genes and rmtB-qepA in Enterobacteriaceae Isolates from Pets in China. Antimicrobial Agents and Chemotherapy, 2011, 55, 4926-4929. | 1.4 | 53 |
| 75 | Dissemination of the rmtB gene carried on IncF and IncN plasmids among Enterobacteriaceae in a pig farm and its environment. Journal of Antimicrobial Chemotherapy, 2011, 66, 2475-2479. | 1.3 | 33 |
| 76 | Antimicrobial resistance in Escherichia coli isolates from food animals, animal food products and companion animals in China. Veterinary Microbiology, 2010, 146, 85-89. | 0.8 | 69 |
| 77 | Prevalence and Dissemination of oqxAB in Escherichia coli Isolates from Animals, Farmworkers, and the Environment. Antimicrobial Agents and Chemotherapy, 2010, 54, 4219-4224. | 1.4 | 130 |
| 78 | Detection and characterisation of CTX-M and CMY-2 Î²-lactamases among Escherichia coli isolates from farm animals in Guangdong Province of China. International Journal of Antimicrobial Agents, 2007, 29, 576-581. | 1.1 | 109 |