Jian-Hua Liu

List of Publications by Citations

74 papers	5,424 citations	30 h-index	73 g-index
79 ext. papers	6,907 ext. citations	7.2 avg, IF	5.35 L-index

#	Paper	IF	Citations
74	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, 161-8	25.5	2954
73	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	25.5	219
72	Carbapenem-resistant and colistin-resistant Escherichia coli co-producing NDM-9 and MCR-1. *Lancet Infectious Diseases, The*, **2016**, 16, 288-9	25.5	175
71	Prevalence and characterisation of CTX-M β-lactamases amongst Escherichia coli isolates from healthy food animals in China. *International Journal of Antimicrobial Agents*, **2012**, 39, 305-10	14.3	122
70	Prevalence and dissemination of oqxAB in Escherichia coli isolates from animals, farmworkers, and the environment. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 4219-24	5.9	117
69	Dissemination of the fosfomycin resistance gene fosA3 with CTX-M β-lactamase genes and rmtB carried on IncFII plasmids among Escherichia coli isolates from pets in China. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 2135-8	5.9	110
68	Detection and characterisation of CTX-M and CMY-2 beta-lactamases among Escherichia coli isolates from farm animals in Guangdong Province of China. *International Journal of Antimicrobial Agents*, **2007**, 29, 576-81	14.3	95
67	Dissemination of the mcr-1 colistin resistance gene. *Lancet Infectious Diseases, The*, **2016**, 16, 292-3	25.5	92
66	Increasing prevalence of extended-spectrum cephalosporin-resistant Escherichia coli in food animals and the diversity of CTX-M genotypes during 2003-2012. *Veterinary Microbiology*, **2014**, 172, 534-41	3.3	74
65	Structural Modification of Lipopolysaccharide Conferred by in Gram-Negative ESKAPE Pathogens. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	73
64	Response to Comment on "The role of wildlife (wild birds) in the global transmission of antimicrobial resistance genes". *Zoological Research*, **2017**, 38, 212	3.4	65
63	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2625-2630	5.1	64
62	The role of wildlife (wild birds) in the global transmission of antimicrobial resistance genes. *Zoological Research*, **2017**, 38, 55-80	3.4	63
61	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	5.1	61
60	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. *MBio*, **2020**, 11,	7.8	60
59	Antimicrobial resistance in Escherichia coli isolates from food animals, animal food products and companion animals in China. *Veterinary Microbiology*, **2010**, 146, 85-9	3.3	60
58	F33: A-: B-, IncHI2/ST3, and IncI1/ST71 plasmids drive the dissemination of fosA3 and bla CTX-M-55/-14/-65 in Escherichia coli from chickens in China. *Frontiers in Microbiology*, **2014**, 5, 688	5.7	59

57	Characterization of extended-spectrum lactamase genes found among Escherichia coli isolates from duck and environmental samples obtained on a duck farm. *Applied and Environmental Microbiology*, **2012**, 78, 3668-73	4.8	59
56	Genetic characterization of IncI2 plasmids carrying blaCTX-M-55 spreading in both pets and food animals in China. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 2824-7	5.9	54
55	Fitness Advantage of -Bearing IncI2 and IncX4 Plasmids. *Frontiers in Microbiology*, **2018**, 9, 331	5.7	53
54	High Prevalence of Colistin Resistance and Gene in Isolated from Food Animals in China. *Frontiers in Microbiology*, **2017**, 8, 562	5.7	51
53	Detection of the plasmid-encoded fosfomycin resistance gene fosA3 in Escherichia coli of food-animal origin. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 766-70	5.1	50
52	Emergence of in Raoultella ornithinolytica and Escherichia coli Isolates from Retail Vegetables in China. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	47
51	F33:A-:B- and F2:A-:B- plasmids mediate dissemination of rmtB-blaCTX-M-9 group genes and rmtB-qepA in Enterobacteriaceae isolates from pets in China. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 4926-9	5.9	45
50	mcr-1-Harboring Salmonella enterica Serovar Typhimurium Sequence Type 34 in Pigs, China. *Emerging Infectious Diseases*, **2017**, 23, 291-295	10.2	43
49	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	3.3	34
48	CTX-M-123, a novel hybrid of the CTX-M-1 and CTX-M-9 Group lactamases recovered from Escherichia coli isolates in China. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 4068-71	5.9	33
47	Emergent Polymyxin Resistance: End of an Era?. *Open Forum Infectious Diseases*, **2019**, 6,	1	31
46	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, 2475-9	5.1	31
45	Evolution and Comparative Genomics of F33:A-:B- Plasmids Carrying or in and Isolated from Animals, Food Products, and Humans in China. *MSphere*, **2018**, 3,	5	25
44	Residues Distal to the Active Site Contribute to Enhanced Catalytic Activity of Variant and Hybrid Lactamases Derived from CTX-M-14 and CTX-M-15. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 5976-83	5.9	23
43	Rapid Increase in Carbapenemase-Producing Enterobacteriaceae in Retail Meat Driven by the Spread of the -Carrying IncX3 Plasmid in China from 2016 to 2018. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	22
42	blaCTX-M-1/9/1 Hybrid Genes May Have Been Generated from blaCTX-M-15 on an IncI2 Plasmid. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 4464-70	5.9	22
41	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	5.1	17
40	Clonal Spread of ST93 Carrying -Harboring IncN1-IncHI2/ST3 Plasmid Among Companion Animals, China. *Frontiers in Microbiology*, **2018**, 9, 2989	5.7	17

39	Distribution of in spp. and Strains from Pig Farms in China and Characterization of a Novel -Carrying F43:A-:B- Plasmid. *Frontiers in Microbiology*, **2017**, 8, 329	5.7	16
38	Characterization of in Isolates from Animals, Retail Meat, and Human Patients in Guangzhou, China. *Frontiers in Microbiology*, **2017**, 8, 1982	5.7	15
37	Chromosomal location of the fosA3 and bla 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	14.3	14
36	Detection of Gene among Escherichia coli Isolates from Farmed Fish and Characterization of -Bearing IncP Plasmids. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	14
35	Complete sequence of a F2:A-:B- plasmid pHN3A11 carrying rmtB and qepA, and its dissemination in China. *Veterinary Microbiology*, **2014**, 174, 267-71	3.3	14
34	A multidrug-resistance region containing blaCTX-M-65, fosA3 and rmtB on conjugative IncFII plasmids in Escherichia coli ST117 isolates from chicken. *Journal of Medical Microbiology*, **2014**, 63, 485-488	2.2	14
33	Prevalence and characteristics of rmtB and qepA in Escherichia coli isolated from diseased animals in China. *Frontiers in Microbiology*, **2013**, 4, 198	5.7	14
32	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	5.1	13
31	Distribution of the Multidrug Resistance Gene cfr in Staphylococcus Isolates from Pigs, Workers, and the Environment of a Hog Market and a Slaughterhouse in Guangzhou, China. *Foodborne Pathogens and Disease*, **2015**, 12, 598-605	3.8	11
30	High prevalence of Cfr-producing Staphylococcus species in retail meat in Guangzhou, China. *BMC Microbiology*, **2014**, 14, 151	4.5	11
29	A Novel Transferable Resistance-Nodulation-Division Pump Gene Cluster, , Confers Tigecycline Resistance in Raoultella ornithinolytica. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	11
28	A ProQ/FinO family protein involved in plasmid copy number control favours fitness of bacteria carrying mcr-1-bearing IncI2 plasmids. *Nucleic Acids Research*, **2021**, 49, 3981-3996	20.1	10
27	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, 6084-90	5.9	10
26	Identification of , a Novel Plasmid-Mediated Fosfomycin Resistance Gene of Origin, in. *Infection and Drug Resistance*, **2020**, 13, 1273-1279	4.2	9
25	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	1.4	9
24	IS Mediates the Acquisition of Tigecycline Resistance Gene Cluster by IncHI1B-FIB Plasmids in Klebsiella pneumoniae and Klebsiella quasipneumoniae from Food Market Sewage. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	9
23	Emergence of methicillin-resistant Staphylococcus aureus ST398 in pigs in China. *International Journal of Antimicrobial Agents*, **2018**, 51, 275-276	14.3	9
22	mcr-1 and plasmid prevalence in Escherichia coli from livestock. *Lancet Infectious Diseases, The*, **2020**, 20, 1126	25.5	8

21	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	5.1	8
20	Co-selection may explain the unexpectedly high prevalence of plasmid-mediated colistin resistance gene in a Chinese broiler farm. *Zoological Research*, **2020**, 41, 569-575	3.4	7
19	Rapid Increase in the IS-Mediated Gene in Isolates with IncP and IncX4 Plasmids and Co-Existing and Genes in a Swine Farm. *Pathogens*, **2021**, 10,	4.5	7
18	Emergence of Almost Identical F36:A-:B32 Plasmids Carrying and in from Both Pakistan and Canada. *Infection and Drug Resistance*, **2019**, 12, 3981-3985	4.2	5
17	Extended-spectrum lactamase-producing Escherichia coli. *Lancet Infectious Diseases, The*, **2020**, 20, 404-405	25.5	4
16	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	14.3	4
15	Metabolic Perturbations Caused by the Over-Expression of in. *Frontiers in Microbiology*, **2020**, 11, 588658	5.7	4
14	Multiple Plasmid Vectors Mediate the Spread of in Extended-Spectrum-Lactamase-Producing Isolates from Retail Vegetables in China. *MSphere*, **2020**, 5,	5	4
13	CpxR regulates the colistin susceptibility of Salmonella Typhimurium by a multitarget mechanism. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 2780-2786	5.1	3
12	PixR, a Novel Activator of Conjugative Transfer of IncX4 Resistance Plasmids, Mitigates the Fitness Cost of Carriage in Escherichia coli.. *MBio*, **2022**, e0320921	7.8	3
11	Characterization of bla-carrying IncC and rmtB-carrying IncI1/ST136 plasmids in an avian Escherichia coli ST224 strain. *Plasmid*, **2021**, 114, 102555	3.3	3
10	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	5.1	3
9	Emergence of in Enterobacteriaceae Isolates from Companion Animals in Guangzhou, China. *Microbial Drug Resistance*, **2021**, 27, 809-815	2.9	2
8	Impact of on the Development of High Level Colistin Resistance in and. *Frontiers in Microbiology*, **2021**, 12, 666782	5.7	1
7	PixR, a novel activator of conjugative transfer of IncX4 resistance plasmids, mitigates the fitness cost of mcr-1 carriage in Escherichia coli		1
6	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	5.1	1
5	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	5.1	1
4	Characterization of a Novel Linezolid Resistance Gene and Bacitracin Resistance Locus-Carrying Multiple Antibiotic Resistant Integrative and Conjugative Element ICE1112S in .. *Microbiology Spectrum*, **2022**, e0196321	8.9	1

3	Clonal spread of O101: H9-ST10 and O101: H9-ST167 strains carrying and among diarrheal calves in a Chinese farm, with Australian as the possible origin of O101: H9-ST10. *Zoological Research*, **2021**, 42, 461-468	3.4	0
2	Characterization of NDM-5-producing isolates from retail grass carp ( ) and evidence of -bearing IncHI2 plasmid transfer between ducks and fish.. *Zoological Research*, **2022**, 43, 255-264	3.4	0
1	Multidrug Resistance Genes Carried by a Novel Transposon Tn and a Genomic Island Named MMGI-4 in a Pathogenic Morganella morganii Isolate.. *Microbiology Spectrum*, **2022**, e0026522	8.9	0