

# Jian-Hua Liu

## 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.

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	PixR, a Novel Activator of Conjugative Transfer of IncX4 Resistance Plasmids, Mitigates the Fitness Cost of Carriage in Escherichia coli.. <i>MBio</i> , <b>2022</b> , e0320921	7.8	3
73	Characterization of NDM-5-producing isolates from retail grass carp ( ) and evidence of -bearing IncHI2 plasmid transfer between ducks and fish.. <i>Zoological Research</i> , <b>2022</b> , 43, 255-264	3.4	0
72	Characterization of a Novel Linezolid Resistance Gene and Bacitracin Resistance Locus-Carrying Multiple Antibiotic Resistant Integrative and Conjugative Element ICE1112S in .. <i>Microbiology Spectrum</i> , <b>2022</b> , e0196321	8.9	1
71	Multidrug Resistance Genes Carried by a Novel Transposon Tn and a Genomic Island Named MMGI-4 in a Pathogenic Morganella morganii Isolate.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0026522	8.9	0
70	Characterization of bla-carrying IncC and rmtB-carrying IncI1/ST136 plasmids in an avian Escherichia coli ST224 strain. <i>Plasmid</i> , <b>2021</b> , 114, 102555	3.3	3
69	A ProQ/FinO family protein involved in plasmid copy number control favours fitness of bacteria carrying mcr-1-bearing IncI2 plasmids. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 3981-3996	20.1	10
68	A Novel Transferable Resistance-Nodulation-Division Pump Gene Cluster, , Confers Tigecycline Resistance in Raoultella ornithinolytica. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	11
67	Impact of on the Development of High Level Colistin Resistance in and. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 666782	5.7	1
66	Emergence of in Enterobacteriaceae Isolates from Companion Animals in Guangzhou, China. <i>Microbial Drug Resistance</i> , <b>2021</b> , 27, 809-815	2.9	2
65	IS Mediates the Acquisition of Tigecycline Resistance Gene Cluster by IncHI1B-FIB Plasmids in Klebsiella pneumoniae and Klebsiella quasipneumoniae from Food Market Sewage. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	9
64	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. <i>Zoological Research</i> , <b>2021</b> , 42, 461-468	3.4	0
63	Rapid Increase in the IS-Mediated Gene in Isolates with IncP and IncX4 Plasmids and Co-Existing and Genes in a Swine Farm. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	7
62	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. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2021</b> , 76, 3159-3167	5.1	1
61	Double deletion of cpxR and tolC significantly increases the susceptibility of Salmonella enterica serovar Typhimurium to colistin. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2021</b> , 76, 3168-3174	5.1	1
60	Identification of , a Novel Plasmid-Mediated Fosfomycin Resistance Gene of Origin, in. <i>Infection and Drug Resistance</i> , <b>2020</b> , 13, 1273-1279	4.2	9
59	Extended-spectrum $\beta$ -lactamase-producing Escherichia coli. <i>Lancet Infectious Diseases</i> , <b>2020</b> , 20, 404-405	25.5	4
58	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. <i>MBio</i> , <b>2020</b> , 11,	7.8	60

57	CpxR regulates the colistin susceptibility of Salmonella Typhimurium by a multitarget mechanism. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 2780-2786	5.1	3
56	Co-selection may explain the unexpectedly high prevalence of plasmid-mediated colistin resistance gene in a Chinese broiler farm. <i>Zoological Research</i> , <b>2020</b> , 41, 569-575	3.4	7
55	Metabolic Perturbations Caused by the Over-Expression of in. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 588658.7	5.7	4
54	mcr-1 and plasmid prevalence in Escherichia coli from livestock. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1126	25.5	8
53	Multiple Plasmid Vectors Mediate the Spread of in Extended-Spectrum-β-Lactamase-Producing Isolates from Retail Vegetables in China. <i>MSphere</i> , <b>2020</b> , 5,	5	4
52	Rapid Increase in Carbapenemase-Producing Enterobacteriaceae in Retail Meat Driven by the Spread of the -Carrying IncX3 Plasmid in China from 2016 to 2018. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	22
51	Emergent Polymyxin Resistance: End of an Era?. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6,	1	31
50	Emergence of Almost Identical F36:A-B32 Plasmids Carrying $\beta$ -Lactamase and $\beta$ -Lactamase Inhibitor from Both Pakistan and Canada. <i>Infection and Drug Resistance</i> , <b>2019</b> , 12, 3981-3985	4.2	5
49	Emergence of Klebsiella pneumoniae and Enterobacter cloacae producing OXA-48 carbapenemases from retail meats in China, 2018. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 3632-3634	5.1	3
48	Detection of Gene among Escherichia coli Isolates from Farmed Fish and Characterization of -Bearing IncP Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	14
47	Comparative genomics of rmtB-carrying IncI1 ST136 plasmids in avian escherichia coli isolates from chickens in China. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 659-662	14.3	4
46	Emergence of Escherichia coli co-producing NDM-1 and KPC-2 carbapenemases from a retail vegetable, China. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 252-254	5.1	17
45	Fitness Advantage of -Bearing IncI2 and IncX4 Plasmids. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 331	5.7	53
44	Evolution and Comparative Genomics of F33:A-B- Plasmids Carrying or in and Isolated from Animals, Food Products, and Humans in China. <i>MSphere</i> , <b>2018</b> , 3,	5	25
43	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 2625-2630	5.1	64
42	Emergence of methicillin-resistant Staphylococcus aureus ST398 in pigs in China. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 275-276	14.3	9
41	Clonal Spread of ST93 Carrying -Harboring IncN1-IncHI2/ST3 Plasmid Among Companion Animals, China. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2989	5.7	17
40	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. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 2261-2263	5.1	8

39	Prevalence, risk factors, outcomes, and molecular epidemiology of mcr-1-positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 390-399	25.5	219
38	Chromosomal location of the fosA3 and bla genes in <i>Proteus mirabilis</i> and clonal spread of <i>Escherichia coli</i> ST117 carrying fosA3-positive IncHI2/ST3 or F2:A-B- plasmids in a chicken farm. <i>International Journal of Antimicrobial Agents</i> , <b>2017</b> , 49, 443-448	14.3	14
37	Impact of plasmid-borne oqxAB on the development of fluoroquinolone resistance and bacterial fitness in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2017</b> , 72, 1293-1302	5.1	13
36	Structural Modification of Lipopolysaccharide Conferred by in Gram-Negative ESKAPE Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	73
35	mcr-1-Harboring <i>Salmonella enterica</i> Serovar Typhimurium Sequence Type 34 in Pigs, China. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 291-295	10.2	43
34	The role of wildlife (wild birds) in the global transmission of antimicrobial resistance genes. <i>Zoological Research</i> , <b>2017</b> , 38, 55-80	3.4	63
33	Emergence of in <i>Raoultella ornithinolytica</i> and <i>Escherichia coli</i> Isolates from Retail Vegetables in China. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	47
32	Distribution of in spp. and Strains from Pig Farms in China and Characterization of a Novel -Carrying F43:A-B- Plasmid. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 329	5.7	16
31	High Prevalence of Colistin Resistance and Gene in Isolated from Food Animals in China. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 562	5.7	51
30	Characterization of in Isolates from Animals, Retail Meat, and Human Patients in Guangzhou, China. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1982	5.7	15
29	Research progress on the plasmid-mediated colistin resistance gene mcr-1. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , <b>2017</b> , 39, 110-126	1.4	9
28	Response to Comment on "The role of wildlife (wild birds) in the global transmission of antimicrobial resistance genes". <i>Zoological Research</i> , <b>2017</b> , 38, 212	3.4	65
27	Emergence of plasmid-mediated colistin resistance mechanism MCR-1 in animals and human beings in China: a microbiological and molecular biological study. <i>Lancet Infectious Diseases, The</i> , <b>2016</b> , 16, 161-8	25.5	2954
26	Dissemination of the mcr-1 colistin resistance gene. <i>Lancet Infectious Diseases, The</i> , <b>2016</b> , 16, 292-3	25.5	92
25	Carbapenem-resistant and colistin-resistant <i>Escherichia coli</i> co-producing NDM-9 and MCR-1. <i>Lancet Infectious Diseases, The</i> , <b>2016</b> , 16, 288-9	25.5	175
24	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. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6084-90	5.9	10
23	Distribution of the Multidrug Resistance Gene cfr in <i>Staphylococcus</i> Isolates from Pigs, Workers, and the Environment of a Hog Market and a Slaughterhouse in Guangzhou, China. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 598-605	3.8	11
22	Residues Distal to the Active Site Contribute to Enhanced Catalytic Activity of Variant and Hybrid $\beta$ -Lactamases Derived from CTX-M-14 and CTX-M-15. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 5976-83	5.9	23

21	blaCTX-M-1/9/1 Hybrid Genes May Have Been Generated from blaCTX-M-15 on an IncI2 Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4464-70	5.9	22
20	The association between occurrence of plasmid-mediated quinolone resistance and ciprofloxacin resistance in <i>Escherichia coli</i> isolates of different origins. <i>Veterinary Microbiology</i> , <b>2014</b> , 170, 89-96	3.3	34
19	Complete sequence of a F2:A-B- plasmid pHN3A11 carrying rmtB and qepA, and its dissemination in China. <i>Veterinary Microbiology</i> , <b>2014</b> , 174, 267-71	3.3	14
18	A multidrug-resistance region containing blaCTX-M-65, fosA3 and rmtB on conjugative IncFII plasmids in <i>Escherichia coli</i> ST117 isolates from chicken. <i>Journal of Medical Microbiology</i> , <b>2014</b> , 63, 485-488	3.3	14
17	Increasing prevalence of extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> in food animals and the diversity of CTX-M genotypes during 2003-2012. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 534-41	3.3	74
16	High prevalence of Cfr-producing <i>Staphylococcus</i> species in retail meat in Guangzhou, China. <i>BMC Microbiology</i> , <b>2014</b> , 14, 151	4.5	11
15	F33: A- B-, IncHI2/ST3, and IncI1/ST71 plasmids drive the dissemination of fosA3 and bla CTX-M-55/-14/-65 in <i>Escherichia coli</i> from chickens in China. <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 688	5.7	59
14	Complete nucleotide sequence of pHN7A8, an F33:A-B- type epidemic plasmid carrying blaCTX-M-65, fosA3 and rmtB from China. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 46-50	5.1	61
13	CTX-M-123, a novel hybrid of the CTX-M-1 and CTX-M-9 Group $\beta$ lactamases recovered from <i>Escherichia coli</i> isolates in China. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 4068-71	5.9	33
12	Genetic characterization of IncI2 plasmids carrying blaCTX-M-55 spreading in both pets and food animals in China. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 2824-7	5.9	54
11	Detection of the plasmid-encoded fosfomycin resistance gene fosA3 in <i>Escherichia coli</i> of food-animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 766-70	5.1	50
10	Prevalence and characteristics of rmtB and qepA in <i>Escherichia coli</i> isolated from diseased animals in China. <i>Frontiers in Microbiology</i> , <b>2013</b> , 4, 198	5.7	14
9	Prevalence and characterisation of CTX-M $\beta$ lactamases amongst <i>Escherichia coli</i> isolates from healthy food animals in China. <i>International Journal of Antimicrobial Agents</i> , <b>2012</b> , 39, 305-10	14.3	122
8	Characterization of extended-spectrum $\beta$ lactamase genes found among <i>Escherichia coli</i> isolates from duck and environmental samples obtained on a duck farm. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 3668-73	4.8	59
7	Dissemination of the fosfomycin resistance gene fosA3 with CTX-M $\beta$ lactamase genes and rmtB carried on IncFII plasmids among <i>Escherichia coli</i> isolates from pets in China. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 2135-8	5.9	110
6	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. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 4926-9	5.9	45
5	Dissemination of the rmtB gene carried on IncF and IncN plasmids among Enterobacteriaceae in a pig farm and its environment. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 2475-9	5.1	31
4	Prevalence and dissemination of oqxAB in <i>Escherichia coli</i> isolates from animals, farmworkers, and the environment. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 4219-24	5.9	117

3	Antimicrobial resistance in Escherichia coli isolates from food animals, animal food products and companion animals in China. <i>Veterinary Microbiology</i> , <b>2010</b> , 146, 85-9	3.3	60
2	Detection and characterisation of CTX-M and CMY-2 beta-lactamases among Escherichia coli isolates from farm animals in Guangdong Province of China. <i>International Journal of Antimicrobial Agents</i> , <b>2007</b> , 29, 576-81	14.3	95
1	PixR, a novel activator of conjugative transfer of IncX4 resistance plasmids, mitigates the fitness cost of mcr-1 carriage in Escherichia coli		1