

Ya-Hong Liu

List of Publications by Year in descending order

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88
papers

2,911
citations

218677

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docs citations

90
times ranked

2564
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive analysis of plasmid-mediated tet(X4)-positive Escherichia coli isolates from clinical settings revealed a high correlation with animals and environments-derived strains. Science of the Total Environment, 2022, 806, 150687.	8.0	19
2	Discovery of Novel Pleuromutilin Derivatives as Potent Antibacterial Agents for the Treatment of MRSA Infection. Molecules, 2022, 27, 931.	3.8	5
3	Comparison of PK/PD Targets and Cutoff Values for Danofloxacin Against Pasteurella multocida and Haemophilus parasuis in Piglets. Frontiers in Veterinary Science, 2022, 9, 811967.	2.2	4
4	MALDI-TOF MS for rapid detection and differentiation between Tet(X)-producers and non-Tet(X)-producing tetracycline-resistant Gram-negative bacteria. Virulence, 2022, 13, 77-88.	4.4	5
5	Erratum for Zhang et al., "Source Tracking and Global Distribution of the Tigecycline-Nonsusceptible Tet(X)" Microbiology Spectrum, 2022, 10, e0113122.	3.0	1
6	Metagenomic insights into the influence of mobile genetic elements on ARGs along typical wastewater treatment system on pig farms in China. Science of the Total Environment, 2022, 839, 156313.	8.0	9
7	Molecular epidemiology of carbapenemase-producing Escherichia coli from duck farms in south-east coastal China. Journal of Antimicrobial Chemotherapy, 2021, 76, 322-329.	3.0	27
8	Distribution patterns of antibiotic resistance genes and their bacterial hosts in pig farm wastewater treatment systems and soil fertilized with pig manure. Science of the Total Environment, 2021, 758, 143654.	8.0	44
9	Spread of tet(X5) and tet(X6) genes in multidrug-resistant Acinetobacter baumannii strains of animal origin. Veterinary Microbiology, 2021, 253, 108954.	1.9	22
10	Re-engineering a mobile-CRISPR/Cas9 system for antimicrobial resistance gene curing and immunization in Escherichia coli. Journal of Antimicrobial Chemotherapy, 2021, 77, 74-82.	3.0	14
11	Emergence of fosA3 and blaCTX-M14 in Multidrug-Resistant Citrobacter freundii Isolates From Flowers and the Retail Environment in China. Frontiers in Microbiology, 2021, 12, 586504.	3.5	5
12	Rapid Screening of Essential Oils as Substances Which Enhance Antibiotic Activity Using a Modified Well Diffusion Method. Antibiotics, 2021, 10, 463.	3.7	14
13	Occurrence and Transmission of bla _{NDM} -Carrying Enterobacteriaceae from Geese and the Surrounding Environment on a Commercial Goose Farm. Applied and Environmental Microbiology, 2021, 87, .	3.1	13
14	Retrospective Data Insight into the Global Distribution of Carbapenemase-Producing Pseudomonas aeruginosa. Antibiotics, 2021, 10, 548.	3.7	24
15	Evolutionary Trajectory of the Tet(X) Family: Critical Residue Changes towards High-Level Tigecycline Resistance. MSystems, 2021, 6, .	3.8	17
16	Molecular Epidemiology of Fosfomycin Resistant E. coli from a Pigeon Farm in China. Antibiotics, 2021, 10, 777.	3.7	9
17	Duck wastes as a potential reservoir of novel antibiotic resistance genes. Science of the Total Environment, 2021, 771, 144828.	8.0	23
18	IS ₂₆ Is Responsible for the Evolution and Transmission of bla _{NDM} -Harboring Plasmids in Escherichia coli of Poultry Origin in China. MSystems, 2021, 6, e0064621.	3.8	31

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19	Prevalence of tet(X4) in Escherichia coli From Duck Farms in Southeast China. <i>Frontiers in Microbiology</i> , 2021, 12, 716393.	3.5	11
20	Two novel blaNDM-1-harboring transposons on pPrY2001-like plasmids coexisting with a novel cfr-encoding plasmid in food animal source Enterobacteriaceae. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 222-226.	2.2	5
21	A Transposon-Associated CRISPR/Cas9 System Specifically Eliminates both Chromosomal and Plasmid-Borne <i>mcr-1</i> in Escherichia coli. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0105421.	3.2	7
22	Reducing tetracycline antibiotics residues in aqueous environments using Tet(X) degrading enzymes expressed in <i>Pichia pastoris</i> . <i>Science of the Total Environment</i> , 2021, 799, 149360.	8.0	19
23	Source Tracking and Global Distribution of the Tigecycline Non-Susceptible <i>tet(X)</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0116421.	3.0	16
24	Within-host heterogeneity and flexibility of <i>mcr-1</i> transmission in chicken gut. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105806.	2.5	33
25	Activity of Tigecycline or Colistin in Combination with Zidovudine against Escherichia coli Harboring <i>tet(X)</i> and <i>mcr-1</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	8
26	Rapid Detection of High-Level Tigecycline Resistance in Tet(X)-Producing Escherichia coli and Acinetobacter spp. Based on MALDI-TOF MS. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 583341.	3.9	12
27	Characterization of a fosA3 Carrying IncA IncN Plasmid From a Multidrug-Resistant ST17 Salmonella Indiana Isolate. <i>Frontiers in Microbiology</i> , 2020, 11, 1582.	3.5	7
28	Genetic diversity and characteristics of high-level tigecycline resistance Tet(X) in Acinetobacter species. <i>Genome Medicine</i> , 2020, 12, 111.	8.2	45
29	A novel plasmid-borne tet(X6) variant co-existing with blaNDM-1 and blaOXA-58 in a chicken Acinetobacter baumannii isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3397-3399.	3.0	21
30	Design, synthesis and biological evaluation of novel pleuromutilin derivatives containing piperazine and 1,2,3-triazole linker. <i>Bioorganic Chemistry</i> , 2020, 105, 104398.	4.1	29
31	<i>In Vivo</i> Pharmacodynamic Target Assessment of Antofloxacin against Streptococcus pneumoniae and Staphylococcus aureus in a Neutropenic Murine Pneumonia Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	2
32	Diversity of L1/L2 genes and molecular epidemiology of high-level carbapenem resistance Stenotrophomonas maltophilia isolates from animal production environment in China. <i>Infection, Genetics and Evolution</i> , 2020, 86, 104531.	2.3	7
33	Emerging High-Level Tigecycline Resistance: Novel Tetracycline Destructases Spread via the Mobile Tet(X). <i>BioEssays</i> , 2020, 42, e2000014.	2.5	78
34	Environmental remodeling of human gut microbiota and antibiotic resistome in livestock farms. <i>Nature Communications</i> , 2020, 11, 1427.	12.8	133
35	Epidemiological and PK/PD cutoff values determination and PK/PD-based dose assessment of gamithromycin against Haemophilus parasuis in piglets. <i>BMC Veterinary Research</i> , 2020, 16, 81.	1.9	10
36	Rapid detection of plasmid-mediated high-level tigecycline resistance in Escherichia coli and Acinetobacter spp. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1479-1483.	3.0	19

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37	Transmission of plasmid-borne and chromosomal blaCTX-M-64 among <i>Escherichia coli</i> and <i>Salmonella</i> isolates from food-producing animals via ISEcp1-mediated transposition. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1424-1427.	3.0	7
38	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, .	3.2	51
39	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.	6.5	44
40	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing acetamine phenyl linker. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111594.	5.5	27
41	Complete Sequence of a tet(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, .	3.2	22
42	Complete Nucleotide Sequence of a Novel Plasmid Bearing the High-Level Tigecycline Resistance Gene tet(X4). <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	11
43	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.	3.0	27
44	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2019, 4, 1457-1464.	13.3	313
45	The ISAp12 Dimer Circular Intermediate Participates in mcr-1 Transposition. <i>Frontiers in Microbiology</i> , 2019, 10, 15.	3.5	28
46	Colistin Combined With Tigecycline: A Promising Alternative Strategy to Combat <i>Escherichia coli</i> Harboring blaNDM-5 and mcr-1. <i>Frontiers in Microbiology</i> , 2019, 10, 2957.	3.5	23
47	Linezolid and Rifampicin Combination to Combat cfr-Positive Multidrug-Resistant MRSA in Murine Models of Bacteremia and Skin and Skin Structure Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 3080.	3.5	5
48	Towards Understanding MCR-like Colistin Resistance. <i>Trends in Microbiology</i> , 2018, 26, 794-808.	7.7	361
49	Synthesis and antibacterial activities of novel pleuromutilin derivatives bearing an aminothiophenol moiety. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1627-1637.	3.2	15
50	Characterization of the Multi-Drug Resistance Gene cfr in Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Strains Isolated From Animals and Humans in China. <i>Frontiers in Microbiology</i> , 2018, 9, 2925.	3.5	37
51	Synthesis and Antibacterial Activity Against MRSA of Pleuromutilin Derivatives Possessing a Mercaptoethylamine Linker. <i>Medicinal Chemistry</i> , 2018, 14, 585-594.	1.5	8
52	Characterization of a P1-like bacteriophage carrying CTX-M-27 in <i>Salmonella</i> spp. resistant to third generation cephalosporins isolated from pork in China. <i>Scientific Reports</i> , 2017, 7, 40710.	3.3	36
53	Design, synthesis and antibacterial evaluation of novel pleuromutilin derivatives possessing piperazine linker. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 286-295.	5.5	31
54	In Vitro Development of Ciprofloxacin Resistance of <i>Salmonella enterica</i> Serovars Typhimurium, Enteritidis, and Indiana Isolates from Food Animals. <i>Microbial Drug Resistance</i> , 2017, 23, 687-694.	2.0	11

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55	Genomic Insights into <i>mcr-1</i> -Positive Plasmids Carried by Colistin-Resistant <i>Escherichia coli</i> Isolates from Inpatients. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	17
56	Efflux Pump Overexpression Contributes to Tigecycline Heteroresistance in <i>Salmonella enterica</i> serovar Typhimurium. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 37.	3.9	48
57	CTX-M-27 Producing <i>Salmonella enterica</i> Serotypes Typhimurium and Indiana Are Prevalent among Food-Producing Animals in China. <i>Frontiers in Microbiology</i> , 2016, 7, 436.	3.5	34
58	Dose Assessment of Cefquinome by Pharmacokinetic/Pharmacodynamic Modeling in Mouse Model of <i>Staphylococcus aureus</i> Mastitis. <i>Frontiers in Microbiology</i> , 2016, 7, 1595.	3.5	17
59	Low-Concentration Ciprofloxacin Selects Plasmid-Mediated Quinolone Resistance Encoding Genes and Affects Bacterial Taxa in Soil Containing Manure. <i>Frontiers in Microbiology</i> , 2016, 7, 1730.	3.5	13
60	Pharmacokinetic/Pharmacodynamic Profiles of Tiamulin in an Experimental Intratracheal Infection Model of <i>Mycoplasma gallisepticum</i> . <i>Frontiers in Veterinary Science</i> , 2016, 3, 75.	2.2	24
61	Design, synthesis, and structure-activity relationship studies of novel pleuromutilin derivatives having a piperazine ring. <i>Chemical Biology and Drug Design</i> , 2016, 88, 699-709.	3.2	17
62	Ex vivo pharmacokinetic/pharmacodynamic relationship of valnemulin against <i>Clostridium perfringens</i> in plasma, the small intestinal and caecal contents of rabbits. <i>Anaerobe</i> , 2016, 39, 150-157.	2.1	10
63	Complete Sequence of the FII Plasmid p42-2, Carrying <i>bla</i> _{CTX-M-55} , <i>oqxAB</i> , <i>fosA3</i> , and <i>floR</i> from <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4336-4338.	3.2	16
64	Persistent spread of the <i>rmtB</i> 16S rRNA methyltransferase gene among <i>Escherichia coli</i> isolates from diseased food-producing animals in China. <i>Veterinary Microbiology</i> , 2016, 188, 41-46.	1.9	15
65	Emergence of NDM-5- and MCR-1-Producing <i>Escherichia coli</i> Clones ST648 and ST156 from a Single Muscovy Duck (<i>Cairina moschata</i>). <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6899-6902.	3.2	118
66	Impact of enrofloxacin and florfenicol therapy on the spread of <i>OqxAB</i> gene and intestinal microbiota in chickens. <i>Veterinary Microbiology</i> , 2016, 192, 1-9.	1.9	26
67	Co-transfer of <i>bla</i> _{NDM-5} and <i>mcr-1</i> by an <i>IncX3</i> hybrid plasmid in <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2016, 1, 16176.	13.3	123
68	<i>IncF</i> plasmid diversity in multi-drug resistant <i>Escherichia coli</i> strains from animals in China. <i>Frontiers in Microbiology</i> , 2015, 6, 964.	3.5	86
69	Characterization of CTX-M-14-producing <i>Escherichia coli</i> from food-producing animals. <i>Frontiers in Microbiology</i> , 2015, 6, 1136.	3.5	51
70	Prevalence of extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> in a farrowing farm: ST1121 clone harboring <i>IncHI2</i> plasmid contributes to the dissemination of <i>bla</i> _{CMY-2} . <i>Frontiers in Microbiology</i> , 2015, 6, 1210.	3.5	14
71	Complete Nucleotide Sequence of <i>cfcr</i> -Carrying <i>IncX4</i> Plasmid pSD11 from <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 738-741.	3.2	19
72	Co-prevalence of PMQR and 16S rRNA methylase genes in clinical <i>Escherichia coli</i> isolates with high diversity of CTX-M from diseased farmed pigeons. <i>Veterinary Microbiology</i> , 2015, 178, 238-245.	1.9	16

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73	In vitro dynamic pharmacokinetic/pharmacodynamic(PK/PD) modeling and PK/PD cutoff of cefquinome against <i>Haemophilus parasuis</i> . <i>BMC Veterinary Research</i> , 2015, 11, 33.	1.9	20
74	Ex vivo pharmacokinetic and pharmacodynamic analysis of valnemulin against <i>Mycoplasma gallisepticum</i> S6 in <i>Mycoplasma gallisepticum</i> and <i>Escherichia coli</i> co-infected chickens. <i>Veterinary Journal</i> , 2015, 204, 54-59.	1.7	21
75	<i>In Vivo</i> Pharmacokinetic/Pharmacodynamic Profiles of Valnemulin in an Experimental Intratracheal <i>Mycoplasma gallisepticum</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3754-3760.	3.2	28
76	Dissemination of the chromosomally encoded CMY-2 cephalosporinase gene in <i>Escherichia coli</i> isolated from animals. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 209-213.	2.5	20
77	First Report of the IncI1/ST898 Conjugative Plasmid Carrying rmtE216S rRNA Methyltransferase Gene in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7921-7922.	3.2	16
78	High frequency of virulence genes among <i>Escherichia coli</i> with the bla CTX-M genotype from diarrheic piglets in China. <i>Veterinary Microbiology</i> , 2015, 180, 260-267.	1.9	10
79	Pharmacokinetic/Pharmacodynamic Correlation of Cefquinome Against Experimental Catheter-Associated Biofilm Infection Due to <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1513.	3.5	7
80	Determination of 26 veterinary antibiotics residues in water matrices by lyophilization in combination with LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 949-950, 79-86.	2.3	58
81	Co-spread of oqxAB and blaCTX-M-9G in non-Typhi <i>Salmonella enterica</i> isolates mediated by ST2-IncHI2 plasmids. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 263-268.	2.5	33
82	Multiple transmissible genes encoding fluoroquinolone and third-generation cephalosporin resistance co-located in non-typhoidal <i>Salmonella</i> isolated from food-producing animals in China. <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 242-247.	2.5	74
83	Integration of pharmacokinetic and pharmacodynamic indices of valnemulin in broiler chickens after a single intravenous and intramuscular administration. <i>Veterinary Journal</i> , 2014, 201, 109-115.	1.7	21
84	IncA/C Plasmid-Mediated Spread of CMY-2 in Multidrug-Resistant <i>Escherichia coli</i> from Food Animals in China. <i>PLoS ONE</i> , 2014, 9, e96738.	2.5	52
85	Identification of the Multi-Resistance Gene cfr in <i>Escherichia coli</i> Isolates of Animal Origin. <i>PLoS ONE</i> , 2014, 9, e102378.	2.5	23
86	Plasmid-mediated quinolone resistance determinant qepA1 and extended-spectrum β -lactamase gene bla CTX-M-14 co-located on the same plasmid in two <i>Escherichia coli</i> strains from China. <i>Journal of Medical Microbiology</i> , 2012, 61, 603-605.	1.8	5
87	Detection of mutations in the gyrA and parC genes in <i>Escherichia coli</i> isolates carrying plasmid-mediated quinolone resistance genes from diseased food-producing animals. <i>Journal of Medical Microbiology</i> , 2012, 61, 1591-1599.	1.8	47
88	Molecular Epidemiology of New Delhi Metallo- β -Lactamase-Producing <i>Escherichia coli</i> in Food-Producing Animals in China. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	2