

Congming Wu

List of Publications by Year in descending order

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65
papers

3,744
citations

126907

33
h-index

138484

58
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65
all docs

65
docs citations

65
times ranked

3486
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019, 4, 1450-1456.	13.3	455
2	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. <i>Nature Microbiology</i> , 2017, 2, 16260.	13.3	347
3	Early emergence of <i>mcr-1</i> in <i>Escherichia coli</i> from food-producing animals. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 293.	9.1	230
4	Prevalence and characterization of <i>Salmonella</i> species isolated from pigs, ducks and chickens in Sichuan Province, China. <i>International Journal of Food Microbiology</i> , 2013, 163, 14-18.	4.7	162
5	Anthropogenic and environmental factors associated with high incidence of <i>mcr-1</i> carriage in humans across China. <i>Nature Microbiology</i> , 2018, 3, 1054-1062.	13.3	139
6	Prevalence and Dissemination of <i>oqxAB</i> in <i>Escherichia coli</i> Isolates from Animals, Farmworkers, and the Environment. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4219-4224.	3.2	130
7	First Report of the Multidrug Resistance Gene <i>frn</i> in <i>Enterococcus faecalis</i> of Animal Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1650-1654.	3.2	118
8	Co-location of the oxazolidinone resistance genes <i>optrA</i> and <i>cfr</i> on a multiresistance plasmid from <i>Staphylococcus sciuri</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1474-1478.	3.0	113
9	Rapid rise of the ESBL and <i>mcr-1</i> genes in <i>Escherichia coli</i> of chicken origin in China, 2008–2014. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	6.5	101
10	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0018820.	13.6	95
11	Distribution of the Multidrug Resistance Gene <i>cfr</i> in <i>Staphylococcus</i> Species Isolates from Swine Farms in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1485-1490.	3.2	88
12	Inter-host Transmission of Carbapenemase-Producing <i>Escherichia coli</i> among Humans and Backyard Animals. <i>Environmental Health Perspectives</i> , 2019, 127, 107009.	6.0	85
13	Transferable Multiresistance Plasmids Carrying <i>cfr</i> in <i>Enterococcus</i> spp. from Swine and Farm Environment. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 42-48.	3.2	78
14	Multidrug resistance genes in staphylococci from animals that confer resistance to critically and highly important antimicrobial agents in human medicine. <i>Trends in Microbiology</i> , 2015, 23, 44-54.	7.7	76
15	Tracking <i>Campylobacter</i> contamination along a broiler chicken production chain from the farm level to retail in China. <i>International Journal of Food Microbiology</i> , 2014, 181, 77-84.	4.7	72
16	First Report of the Multiresistance Gene <i>cfr</i> in <i>Streptococcus suis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4061-4063.	3.2	71
17	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. <i>Environmental Microbiology</i> , 2020, 22, 2469-2484.	3.8	68
18	Occurrence of Plasmid- and Chromosome-Carried <i>mcr-1</i> in Waterborne Enterobacteriaceae in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	65

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19	Detection of the staphylococcal multiresistance gene <i>cfr</i> in <i>Escherichia coli</i> of domestic-animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1094-1098.	3.0	62
20	Characterization of pig-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Veterinary Microbiology</i> , 2017, 201, 183-187.	1.9	62
21	Serotype distribution and antibiotic resistance of <i>Salmonella</i> in food-producing animals in Shandong province of China, 2009 and 2012. <i>International Journal of Food Microbiology</i> , 2014, 180, 30-38.	4.7	58
22	Plasmid-mediated tigecycline-resistant gene <i>tet(X4)</i> in <i>Escherichia coli</i> from food-producing animals, China, 2008–2018. <i>Emerging Microbes and Infections</i> , 2019, 8, 1524-1527.	6.5	58
23	Heterogeneous and Flexible Transmission of <i>mcr-1</i> in Hospital-Associated <i>Escherichia coli</i> . <i>MBio</i> , 2018, 9, .	4.1	54
24	Surveillance of antimicrobial resistance among <i>Escherichia coli</i> from chicken and swine, China, 2008–2015. <i>Veterinary Microbiology</i> , 2017, 203, 49-55.	1.9	53
25	Contaminated in-house environment contributes to the persistence and transmission of NDM-producing bacteria in a Chinese poultry farm. <i>Environment International</i> , 2020, 139, 105715.	10.0	51
26	Prevalence of ESBLs and PMQR genes in fecal <i>Escherichia coli</i> isolated from the non-human primates in six zoos in China. <i>Veterinary Microbiology</i> , 2012, 159, 53-59.	1.9	50
27	Multidrug resistance gene <i>cfr</i> in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. <i>International Journal of Medical Microbiology</i> , 2013, 303, 84-87.	3.6	49
28	Prevalence, antimicrobial resistance profiling and genetic diversity of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolated from broilers at slaughter in China. <i>Food Control</i> , 2016, 69, 160-170.	5.5	44
29	Detection of the staphylococcal multiresistance gene <i>cfr</i> in <i>Micrococcus caseolyticus</i> and <i>Jeotgaliococcus pinnipedialis</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1824-1827.	3.0	43
30	Antimicrobial Resistance among <i>Staphylococci</i> of Animal Origin. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	41
31	Genetic environment of the multi-resistance gene <i>cfr</i> in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. <i>International Journal of Medical Microbiology</i> , 2014, 304, 257-261.	3.6	36
32	Prevalence and antimicrobial resistance of <i>Salmonella</i> isolated from an integrated broiler chicken supply chain in Qingdao, China. <i>Food Control</i> , 2016, 62, 270-276.	5.5	36
33	Genomic epidemiology of animal-derived tigecycline-resistant <i>Escherichia coli</i> across China reveals recent endemic plasmid-encoded <i>tet(X4)</i> gene. <i>Communications Biology</i> , 2020, 3, 412.	4.4	36
34	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. <i>Veterinary Microbiology</i> , 2020, 242, 108570.	1.9	34
35	The prevalence of pathogens causing bovine mastitis and their associated risk factors in 15 large dairy farms in China: An observational study. <i>Veterinary Microbiology</i> , 2020, 247, 108757.	1.9	34
36	Distinct increase in antimicrobial resistance genes among <i>Escherichia coli</i> during 50 years of antimicrobial use in livestock production in China. <i>Nature Food</i> , 2022, 3, 197-205.	14.0	34

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37	Molecular characterization of methicillin-resistant <i>Staphylococcus aureus</i> strains from pet animals and veterinary staff in China. <i>Veterinary Journal</i> , 2011, 190, e125-e129.	1.7	33
38	Presence and molecular characteristics of oxazolidinone resistance in staphylococci from household animals in rural China. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1194-1200.	3.0	32
39	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> CC398. <i>Frontiers in Microbiology</i> , 2018, 9, 2063.	3.5	30
40	Mobile lincosamide resistance genes in staphylococci. <i>Plasmid</i> , 2018, 99, 22-31.	1.4	29
41	Investigation of Antimicrobial Resistance in <i>Escherichia coli</i> and <i>Enterococci</i> Isolated from Tibetan Pigs. <i>PLoS ONE</i> , 2014, 9, e95623.	2.5	28
42	Genomic analysis of <i>Staphylococcus aureus</i> along a pork production chain and in the community, Shandong Province, China. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 8-15.	2.5	21
43	Prevalence and Characteristics of Extended-Spectrum β -Lactamase and Plasmid-Mediated Fluoroquinolone Resistance Genes in <i>Escherichia coli</i> Isolated from Chickens in Anhui Province, China. <i>PLoS ONE</i> , 2014, 9, e104356.	2.5	20
44	Investigation of <i>Haemophilus parasuis</i> from healthy pigs in China. <i>Veterinary Microbiology</i> , 2019, 231, 40-44.	1.9	20
45	Distinct mechanisms of acquisition of <i>mcr-1</i> bearing plasmid by <i>Salmonella</i> strains recovered from animals and food samples. <i>Scientific Reports</i> , 2017, 7, 13199.	3.3	17
46	Mobile oxazolidinone/phenicol resistance gene <i>optrA</i> in chicken <i>Clostridium perfringens</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3067-3069.	3.0	17
47	Prevalence and antimicrobial susceptibility of <i>Clostridium perfringens</i> in chickens and pigs from Beijing and Shanxi, China. <i>Veterinary Microbiology</i> , 2021, 252, 108932.	1.9	15
48	Mequindox resistance and in vitro efficacy in animal-derived <i>Escherichia coli</i> strains. <i>Veterinary Microbiology</i> , 2015, 177, 341-346.	1.9	14
49	Molecular basis of rifampicin resistance in multiresistant porcine livestock-associated MRSA: Table 1. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3313-3315.	3.0	14
50	Structural diversity of the ISCR2-mediated rolling-cycle transferable unit carrying <i>tet(X4)</i> . <i>Science of the Total Environment</i> , 2022, 826, 154010.	8.0	14
51	Dissemination of <i>erm (B)</i> and its associated multidrug-resistance genomic islands in <i>Campylobacter</i> from 2013 to 2015. <i>Veterinary Microbiology</i> , 2017, 204, 20-24.	1.9	12
52	Clonal relationship of <i>tet(X4)</i> -positive <i>Escherichia coli</i> ST761 isolates between animals and humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2153-2157.	3.0	12
53	Co-existence of two novel phosphoethanolamine transferase gene variants in <i>Aeromonas jandaei</i> from retail fish. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105856.	2.5	11
54	Comparative analysis of genomic characteristics, fitness and virulence of MRSA ST398 and ST9 isolated from China and Germany. <i>Emerging Microbes and Infections</i> , 2021, 10, 1481-1494.	6.5	11

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55	Evolution and genomic insight into methicillin-resistant <i>Staphylococcus aureus</i> ST9 in China. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1703-1711.	3.0	11
56	Surveillance of antimicrobial resistance in <i>Escherichia coli</i> and enterococci from food products at retail in Beijing, China. <i>Food Control</i> , 2021, 119, 107483.	5.5	9
57	Novel pseudo-staphylococcal cassette chromosome <i>mec</i> element (ϕ SCC <i>mec</i> T55) in MRSA ST9. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 819-820.	3.0	8
58	Development of Multiplex-Mismatch Amplification Mutation-PCR Assay for Simultaneous Detection of <i>Campylobacter jejuni</i> and Mutation in <i>gyrA</i> Gene Related to Fluoroquinolone Resistance. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 642-645.	1.8	7
59	Prevalence and characterization of <i>Staphylococcus aureus</i> and methicillin-resistant <i>Staphylococcus aureus</i> isolated from retail yak butter in Tibet, China. <i>Journal of Dairy Science</i> , 2021, 104, 9596-9606.	3.4	7
60	Rational Use of Danofloxacin for Treatment of <i>Mycoplasma gallisepticum</i> in Chickens Based on the Clinical Breakpoint and Lung Microbiota Shift. <i>Antibiotics</i> , 2022, 11, 403.	3.7	7
61	A novel small tet(T)-tet(L)-aadD-carrying plasmid from MRSA and MSSA ST9 isolates of swine origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2462-2464.	3.0	6
62	Comparative Metabolism of Mequindox in Liver Microsomes, Hepatocytes, and Intestinal Microflora of Chicken. <i>Analytical Letters</i> , 2012, 45, 1749-1763.	1.8	4
63	Transmission of carbapenem resistance between human and animal NDM-positive <i>Escherichia coli</i> strains. <i>Engineering</i> , 2022, , .	6.7	3
64	Antimicrobial Resistance among <i>Staphylococci</i> of Animal Origin. , 0, , 127-157.		2
65	Molecular Epidemiology of <i>Klebsiella pneumoniae</i> from Clinical Bovine Mastitis in Northern Area of China, 2018-2019. <i>Engineering</i> , 2022, 10, 146-154.	6.7	2