Yang Wang

List of Publications by Year
in descending order

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263 papers	16,904 citations	25034 57 h-index	20961 115 g-index
272 all docs	272 docs citations	272 times ranked	11346 citing authors

#	Article	IF	Citations
1	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.	9.1	4,130
2	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. Nature Microbiology, 2019, 4, 1450-1456.	13.3	455
3	A novel gene, optrA, that confers transferable resistance to oxazolidinones and phenicols and its presence in Enterococcus faecalis and Enterococcus faecium of human and animal origin. Journal of Antimicrobial Chemotherapy, 2015, 70, 2182-2190.	3.0	450
4	Emergence of a novel mobile colistin resistance gene, mcr-8, in NDM-producing Klebsiella pneumoniae. Emerging Microbes and Infections, 2018, 7, 1-9.	6.5	404
5	Novel Plasmid-Mediated Colistin Resistance Gene mcr-3 in Escherichia coli. MBio, 2017, 8, .	4.1	388
6	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. Nature Microbiology, 2017, 2, 16260.	13.3	347
7	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.	9.1	298
8	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. Nature Microbiology, 2020, 5, 1040-1050.	13.3	236
9	Early emergence of mcr-1 in Escherichia coli from food-producing animals. Lancet Infectious Diseases, The, 2016, 16, 293.	9.1	230
10	Presence and dissemination of the multiresistance gene cfr in Gram-positive and Gram-negative bacteria. Journal of Antimicrobial Chemotherapy, 2013, 68, 1697-1706.	3.0	226
11	Changes in colistin resistance and mcr-1 abundance in Escherichia coli of animal and human origins following the ban of colistin-positive additives in China: an epidemiological comparative study. Lancet Infectious Diseases, The, 2020, 20, 1161-1171.	9.1	212
12	Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. Journal of Antimicrobial Chemotherapy, 2020, 75, 3087-3095.	3.0	163
13	Prevalence and characterization of Salmonella species isolated from pigs, ducks and chickens in Sichuan Province, China. International Journal of Food Microbiology, 2013, 163, 14-18.	4.7	162
14	Balancing mcr-1 expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. Nature Communications, 2017, 8, 2054.	12.8	157
15	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in Klebsiella pneumoniae. MBio, 2020, 11, .	4.1	153
16	Anthropogenic and environmental factors associated with high incidence of mcr-1 carriage in humans across China. Nature Microbiology, 2018, 3, 1054-1062.	13.3	139
17	Genetic environment of the transferable oxazolidinone/phenicol resistance geneoptrAinEnterococcus faecalisisolates of human and animal origin. Journal of Antimicrobial Chemotherapy, 2016, 71, 1466-1473.	3.0	134
18	Prevalence and antimicrobial resistance of Campylobacter isolates in broilers from China. Veterinary Microbiology, 2010, 144, 133-139.	1.9	130

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19	Emergence of Multidrug-Resistant Campylobacter Species Isolates with a Horizontally Acquired rRNA Methylase. Antimicrobial Agents and Chemotherapy, 2014, 58, 5405-5412.	3.2	129
20	Novel Plasmid-Mediated tet (X5) Gene Conferring Resistance to Tigecycline, Eravacycline, and Omadacycline in a Clinical Acinetobacter baumannii Isolate. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	124
21	Prevalence and dissemination of antibiotic resistance genes and coselection of heavy metals in Chinese dairy farms. Journal of Hazardous Materials, 2016, 320, 10-17.	12.4	120
22	First Report of the Multidrug Resistance Genecfrin Enterococcus faecalis of Animal Origin. Antimicrobial Agents and Chemotherapy, 2012, 56, 1650-1654.	3.2	118
23	Co-location of the oxazolidinone resistance genesoptrAandcfron a multiresistance plasmid fromStaphylococcus sciuri. Journal of Antimicrobial Chemotherapy, 2016, 71, 1474-1478.	3.0	113
24	Insights into the Mechanistic Basis of Plasmid-Mediated Colistin Resistance from Crystal Structures of the Catalytic Domain of MCR-1. Scientific Reports, 2017, 7, 39392.	3.3	107
25	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.	1.9	103
26	Identification of New Delhi Metallo-Î²-lactamase 1 in Acinetobacter lwoffii of Food Animal Origin. PLoS ONE, 2012, 7, e37152.	2.5	101
27	Rapid rise of the ESBL and mcr-1 genes in Escherichia coli of chicken origin in China, 2008â€“2014. Emerging Microbes and Infections, 2018, 7, 1-10.	6.5	101
28	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2625-2630.	3.0	101
29	Identification of a Novel Genomic Island Conferring Resistance to Multiple Aminoglycoside Antibiotics in Campylobacter coli. Antimicrobial Agents and Chemotherapy, 2012, 56, 5332-5339.	3.2	99
30	Report of ribosomal RNA methylase gene erm(B) in multidrug-resistant Campylobacter coli. Journal of Antimicrobial Chemotherapy, 2014, 69, 964-968.	3.0	96
31	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. Clinical Microbiology Reviews, 2021, 34, e0018820.	13.6	95
32	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances Campylobacter Resistance to Multiple Antibiotics. MBio, 2016, 7, .	4.1	91
33	Enterococcal isolates carrying the novel oxazolidinone resistance gene optrA from hospitals in Zhejiang, Guangdong, and Henan, China, 2010â€“2014. Clinical Microbiology and Infection, 2015, 21, 1095.e1-1095.e4.	6.0	89
34	Distribution of the Multidrug Resistance Gene cfr in Staphylococcus Species Isolates from Swine Farms in China. Antimicrobial Agents and Chemotherapy, 2012, 56, 1485-1490.	3.2	88
35	Inter-host Transmission of Carbapenemase-Producing Escherichia coli among Humans and Backyard Animals. Environmental Health Perspectives, 2019, 127, 107009.	6.0	85
36	Contribution of CmeG to antibiotic and oxidative stress resistance in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2011, 66, 79-85.	3.0	82

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37	Lincosamides, Streptogramins, Phenicols, and Pleuromutilins: Mode of Action and Mechanisms of Resistance. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a027037.	6.2	79
38	Transferable Multiresistance Plasmids Carrying cfr in Enterococcus spp. from Swine and Farm Environment. Antimicrobial Agents and Chemotherapy, 2013, 57, 42-48.	3.2	78
39	Multidrug resistance genes in staphylococci from animals that confer resistance to critically and highly important antimicrobial agents in human medicine. Trends in Microbiology, 2015, 23, 44-54.	7.7	76
40	Prevalence, risk factors and molecular epidemiology of carbapenem-resistant Klebsiella pneumoniae in patients from Zhejiang, China, 2008â€“2018. Emerging Microbes and Infections, 2020, 9, 1771-1779.	6.5	76
41	Tracking Campylobacter contamination along a broiler chicken production chain from the farm level to retail in China. International Journal of Food Microbiology, 2014, 181, 77-84.	4.7	72
42	First Report of the Multidrug Resistance Gene cfr and the Phenicol Resistance Gene fexA in a Bacillus Strain from Swine Feces. Antimicrobial Agents and Chemotherapy, 2010, 54, 3953-3955.	3.2	71
43	First Report of the Multiresistance Gene cfr in Streptococcus suis. Antimicrobial Agents and Chemotherapy, 2013, 57, 4061-4063.	3.2	71
44	Prevalence and Abundance of Florfenicol and Linezolid Resistance Genes in Soils Adjacent to Swine Feedlots. Scientific Reports, 2016, 6, 32192.	3.3	70
45	Chromosome-Mediated mcr-3 Variants in Aeromonas veronii from Chicken Meat. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	70
46	Emergence of Colistin Resistance Gene mcr-8 and Its Variant in Raoultella ornithinolytica. Frontiers in Microbiology, 2019, 10, 228.	3.5	70
47	A novel phenicol exporter gene, fexB, found in enterococci of animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 322-325.	3.0	69
48	Identification of the novel tigecycline resistance gene tet(X6) and its variants in Myroides, Acinetobacter and Proteus of food animal origin. Journal of Antimicrobial Chemotherapy, 2020, 75, 1428-1431.	3.0	69
49	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. Environmental Microbiology, 2020, 22, 2469-2484.	3.8	68
50	Plasmid-Mediated Novel bla _{NDM-17} Gene Encoding a Carbapenemase with Enhanced Activity in a Sequence Type 48 Escherichia coli Strain. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	67
51	Antimicrobial Resistance in Campylobacter spp. Microbiology Spectrum, 2018, 6, .	3.0	67
52	Rapamycin Confers Neuroprotection against Colistin-Induced Oxidative Stress, Mitochondria Dysfunction, and Apoptosis through the Activation of Autophagy and mTOR/Akt/CREB Signaling Pathways. ACS Chemical Neuroscience, 2018, 9, 824-837.	3.5	67
53	Nationwide Surveillance of Novel Oxazolidinone Resistance Gene optrA in Enterococcus Isolates in China from 2004 to 2014. Antimicrobial Agents and Chemotherapy, 2016, 60, 7490-7493.	3.2	66
54	Species shift and multidrug resistance ofCampylobacterfrom chicken and swine, China, 2008â€“14. Journal of Antimicrobial Chemotherapy, 2016, 71, 666-669.	3.0	66

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55	Occurrence and characterization ofblaNDM-5-positiveKlebsiella pneumoniaeisolates from dairy cows in Jiangsu, China. Journal of Antimicrobial Chemotherapy, 2017, 72, 90-94.	3.0	66
56	Occurrence of Plasmid- and Chromosome-Carried mcr-1 in Waterborne Enterobacteriaceae in China. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	65
57	Emerging Carriage of NDM-5 and MCR-1 in Escherichia coli From Healthy People in Multiple Regions in China: A Cross Sectional Observational Study. EClinicalMedicine, 2018, 6, 11-20.	7.1	65
58	Detection of the staphylococcal multiresistance gene cfr in Proteus vulgaris of food animal origin. Journal of Antimicrobial Chemotherapy, 2011, 66, 2521-2526.	3.0	64
59	Probiotic Bacillus cereus Strains, a Potential Risk for Public Health in China. Frontiers in Microbiology, 2016, 7, 718.	3.5	63
60	Detection of the staphylococcal multiresistance gene cfr in Escherichia coli of domestic-animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 1094-1098.	3.0	62
61	Characterization of pig-associated methicillin-resistant Staphylococcus aureus. Veterinary Microbiology, 2017, 201, 183-187.	1.9	62
62	Antimicrobial resistance in Campylobacter coli isolated from pigs in two provinces of China. International Journal of Food Microbiology, 2011, 146, 94-98.	4.7	58
63	Serotype distribution and antibiotic resistance of Salmonella in food-producing animals in Shandong province of China, 2009 and 2012. International Journal of Food Microbiology, 2014, 180, 30-38.	4.7	58
64	Prevalence and Genetic Analysis of mcr-3 -Positive Aeromonas Species from Humans, Retail Meat, and Environmental Water Samples. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	58
65	Plasmid-mediated tigecycline-resistant gene tet (X4) in Escherichia coli from food-producing animals, China, 2008â€“2018. Emerging Microbes and Infections, 2019, 8, 1524-1527.	6.5	58
66	Novel Variant of New Delhi Metallo-Î²-lactamase, NDM-20, in Escherichia coli. Frontiers in Microbiology, 2018, 9, 248.	3.5	57
67	Characterization of NDM-5-positive extensively resistant Escherichia coli isolates from dairy cows. Veterinary Microbiology, 2017, 207, 153-158.	1.9	56
68	Rapid Increase in Prevalence of Carbapenem-Resistant Enterobacteriaceae (CRE) and Emergence of Colistin Resistance Gene mcr-1 in CRE in a Hospital in Henan, China. Journal of Clinical Microbiology, 2018, 56, .	3.9	55
69	Identification of novel variants of the colistin resistance gene mcr-3 in Aeromonas spp. from the national resistance monitoring programme GERM-Vet and from diagnostic submissions. Journal of Antimicrobial Chemotherapy, 2018, 73, 1217-1221.	3.0	55
70	Inhibition of Oxidative Stress and ALOX12 and NF-Î°B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. Antioxidants, 2021, 10, 976.	5.1	55
71	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems. Antioxidants, 2022, 11, 459.	5.1	55
72	Heterogeneous and Flexible Transmission of mcr-1 in Hospital-Associated Escherichia coli. MBio, 2018, 9, .	4.1	54

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73	Surveillance of antimicrobial resistance among Escherichia coli from chicken and swine, China, 2008â€“2015. Veterinary Microbiology, 2017, 203, 49-55.	1.9	53
74	Integrated aquaculture contributes to the transfer of mcr-1 between animals and humans via the aquaculture supply chain. Environment International, 2019, 130, 104708.	10.0	53
75	Analysis of blaSHV-12-carrying Escherichia coli clones and plasmids from human, animal and food sources. Journal of Antimicrobial Chemotherapy, 2017, 72, 1589-1596.	3.0	51
76	Baicalein acts as a nephroprotectant that ameliorates colistin-induced nephrotoxicity by activating the antioxidant defence mechanism of the kidneys and down-regulating the inflammatory response. Journal of Antimicrobial Chemotherapy, 2017, 72, 2562-2569.	3.0	51
77	Discovery of a potential MCR-1 inhibitor that reverses polymyxin activity against clinical mcr-1-positive Enterobacteriaceae. Journal of Infection, 2019, 78, 364-372.	3.3	51
78	Contaminated in-house environment contributes to the persistence and transmission of NDM-producing bacteria in a Chinese poultry farm. Environment International, 2020, 139, 105715.	10.0	51
79	Prevalence of ESBLs and PMQR genes in fecal Escherichia coli isolated from the non-human primates in six zoos in China. Veterinary Microbiology, 2012, 159, 53-59.	1.9	50
80	Mechanisms of Bacterial Resistance to Antimicrobial Agents. Microbiology Spectrum, 2018, 6, .	3.0	50
81	Multidrug resistance gene cfr in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. International Journal of Medical Microbiology, 2013, 303, 84-87.	3.6	49
82	Presence and genetic environment of pleuromutilin-lincosamide-streptogramin A resistance gene lsa(E) in enterococci of human and swine origin. Journal of Antimicrobial Chemotherapy, 2014, 69, 1424-1426.	3.0	48
83	Presence of the optrA Gene in Methicillin-Resistant Staphylococcus sciuri of Porcine Origin. Antimicrobial Agents and Chemotherapy, 2016, 60, 7200-7205.	3.2	48
84	mcr-1 in Enterobacteriaceae from Companion Animals, Beijing, China, 2012â€“2016. Emerging Infectious Diseases, 2017, 23, 710-711.	4.3	48
85	Association of colistin residues and manure treatment with the abundance of mcr-1 gene in swine feedlots. Environment International, 2019, 127, 361-370.	10.0	48
86	Investigation of a multiresistance gene cfr that fails to mediate resistance to phenicols and oxazolidinones in Enterococcus faecalis. Journal of Antimicrobial Chemotherapy, 2014, 69, 892-898.	3.0	46
87	Minocycline attenuates colistin-induced neurotoxicity via suppression of apoptosis, mitochondrial dysfunction and oxidative stress. Journal of Antimicrobial Chemotherapy, 2017, 72, 1635-1645.	3.0	46
88	MCR-1-producing Klebsiella pneumoniae outbreak in China. Lancet Infectious Diseases, The, 2017, 17, 577.	9.1	45
89	Prevalence and antimicrobial resistance of Enterococcus species of food animal origin from Beijing and Shandong Province, China. Journal of Applied Microbiology, 2013, 114, 555-563.	3.1	44
90	A Multiplex SYBR Green Real-Time PCR Assay for the Detection of Three Colistin Resistance Genes from Cultured Bacteria, Feces, and Environment Samples. Frontiers in Microbiology, 2017, 8, 2078.	3.5	44

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91	Occurrence and characterisation of ESBL-encoding plasmids among Escherichia coli isolates from fresh vegetables. Veterinary Microbiology, 2018, 219, 63-69.	1.9	44
92	Detection of the staphylococcal multiresistance gene cfr in Macrococcus caseolyticus and Jeotgalicoccus pinnipedialis. Journal of Antimicrobial Chemotherapy, 2012, 67, 1824-1827.	3.0	43
93	Pterostilbene, a Potential MCR-1 Inhibitor That Enhances the Efficacy of Polymyxin B. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	43
94	Mutations in 23S rRNA gene associated with decreased susceptibility to tiamulin and valnemulin in Mycoplasma gallisepticum. FEMS Microbiology Letters, 2010, 308, no-no.	1.8	42
95	Cfr-Mediated Linezolid-Resistance among Methicillin-Resistant Coagulase-Negative Staphylococci from Infections of Humans. PLoS ONE, 2013, 8, e57096.	2.5	42
96	Occurrence of cfr-mediated multiresistance in staphylococci from veal calves and pigs, from humans at the corresponding farms, and from veterinarians and their family members. Veterinary Microbiology, 2017, 200, 88-94.	1.9	42
97	Mobile macrolide resistance genes in staphylococci. Plasmid, 2018, 99, 2-10.	1.4	42
98	Emerging erm (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in Campylobacter. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	42
99	Distribution of optrA and cfr in florfenicol-resistant Staphylococcus sciuri of pig origin. Veterinary Microbiology, 2017, 210, 43-48.	1.9	41
100	Magnolol restores the activity of meropenem against NDM-1-producing Escherichia coli by inhibiting the activity of metallo-beta-lactamase. Cell Death Discovery, 2018, 4, 28.	4.7	41
101	Antimicrobial Resistance among Staphylococci of Animal Origin. Microbiology Spectrum, 2018, 6, .	3.0	41
102	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. Environment International, 2020, 144, 106005.	10.0	40
103	Fitness Cost of blaNDM-5-Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free Enterobacteriaceae. Microorganisms, 2020, 8, 377.	3.6	40
104	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. Journal of Hazardous Materials, 2020, 399, 123059.	12.4	39
105	Antimicrobial Mechanisms and Clinical Application Prospects of Antimicrobial Peptides. Molecules, 2022, 27, 2675.	3.8	39
106	Identification of Multiresistance Genecfrin Methicillin-Resistant Staphylococcus aureus from Pigs: Plasmid Location and Integration into a Staphylococcal Cassette ChromosomemecComplex. Antimicrobial Agents and Chemotherapy, 2015, 59, 3641-3644.	3.2	38
107	Compensatory mutations modulate the competitiveness and dynamics of plasmid-mediated colistin resistance in Escherichia coli clones. ISME Journal, 2020, 14, 861-865.	9.8	38
108	Synergy between baicalein and penicillins against penicillinase-producing Staphylococcus aureus. International Journal of Medical Microbiology, 2015, 305, 501-504.	3.6	37

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109	Complete sequence of a plasmid from a bovine methicillin-resistant Staphylococcus aureus harbouring a novel ica-like gene cluster in addition to antimicrobial and heavy metal resistance genes. Veterinary Microbiology, 2017, 200, 95-100.	1.9	37
110	Unique Class 1 Integron and Multiple Resistance Genes Co-located on IncHI2 Plasmid Is Associated with the Emerging Multidrug Resistance of Salmonella Indiana Isolated from Chicken in China. Foodborne Pathogens and Disease, 2013, 10, 581-588.	1.8	36
111	Genetic environment of the multi-resistance gene cfr in methicillin-resistant coagulase-negative staphylococci from chickens, ducks, and pigs in China. International Journal of Medical Microbiology, 2014, 304, 257-261.	3.6	36
112	Prevalence and antimicrobial resistance of Salmonella isolated from an integrated broiler chicken supply chain in Qingdao, China. Food Control, 2016, 62, 270-276.	5.5	36
113	Genetic environment of colistin resistance genes mcr-1 and mcr-3 in Escherichia coli from one pig farm in China. Veterinary Microbiology, 2019, 230, 56-61.	1.9	36
114	Genomic epidemiology of animal-derived tigecycline-resistant Escherichia coli across China reveals recent endemic plasmid-encoded tet(X4) gene. Communications Biology, 2020, 3, 412.	4.4	36
115	High prevalence and persistence of carbapenem and colistin resistance in livestock farm environments in China. Journal of Hazardous Materials, 2021, 406, 124298.	12.4	35
116	Characterization of antimicrobial resistance and molecular determinants of beta-lactamase in Escherichia coli isolated from chickens in China during 1970â€“2007. Veterinary Microbiology, 2010, 144, 505-510.	1.9	34
117	Characterization of a genomic island in Stenotrophomonas maltophilia that carries a novel floR gene variant. Journal of Antimicrobial Chemotherapy, 2014, 70, 1031-6.	3.0	34
118	Pterostilbene restores carbapenem susceptibility in New Delhi metalloâ€Î²â€lactamaseâ€producing isolates by inhibiting the activity of New Delhi metalloâ€Î²â€lactamases. British Journal of Pharmacology, 2019, 176, 4548-4557.	5.4	34
119	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. Veterinary Microbiology, 2020, 242, 108570.	1.9	34
120	Distinct increase in antimicrobial resistance genes among Escherichia coli during 50 years of antimicrobial use in livestock production in China. Nature Food, 2022, 3, 197-205.	14.0	34
121	Molecular characterization of methicillin-resistant Staphylococcus aureus strains from pet animals and veterinary staff in China. Veterinary Journal, 2011, 190, e125-e129.	1.7	33
122	Identification of a novel vga(E) gene variant that confers resistance to pleuromutilins, lincosamides and streptogramin A antibiotics in staphylococci of porcine origin. Journal of Antimicrobial Chemotherapy, 2014, 69, 919-923.	3.0	33
123	IMP-45-producing multidrug-resistant Pseudomonas aeruginosa of canine origin. Journal of Antimicrobial Chemotherapy, 2014, 69, 2579-2581.	3.0	33
124	Mobile colistin resistance gene mcr-5 in porcine Aeromonas hydrophila. Journal of Antimicrobial Chemotherapy, 2018, 73, 1777-1780.	3.0	33
125	Knowledge, attitudes and practices relating to antibiotic use and antibiotic resistance among backyard pig farmers in rural Shandong province, China. Preventive Veterinary Medicine, 2020, 175, 104858.	1.9	33
126	The new genetic environment of cfr on plasmid pBS-02 in a Bacillus strain. Journal of Antimicrobial Chemotherapy, 2011, 66, 1174-1175.	3.0	32

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127	Presence and molecular characteristics of oxazolidinone resistance in staphylococci from household animals in rural China. Journal of Antimicrobial Chemotherapy, 2018, 73, 1194-1200.	3.0	32
128	Characterization of acfr-Carrying Plasmid from Porcine Escherichia coli That Closely Resembles Plasmid pEA3 from the Plant Pathogen Erwinia amylovora. Antimicrobial Agents and Chemotherapy, 2016, 60, 658-661.	3.2	31
129	High Prevalence and Predominance of the aph(2â€³)-If Gene Conferring Aminoglycoside Resistance in Campylobacter. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	31
130	Presence of an mcr-3 Variant in Aeromonas caviae, Proteus mirabilis, and Escherichia coli from One Domestic Duck. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	31
131	Novel IS26-mediated hybrid plasmid harbouring tet(X4) in Escherichia coli. Journal of Global Antimicrobial Resistance, 2020, 21, 162-168.	2.2	31
132	Abundance of tigecycline resistance genes and association with antibiotic residues in Chinese livestock farms. Journal of Hazardous Materials, 2021, 409, 124921.	12.4	31
133	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant Staphylococcus aureus CC398. Frontiers in Microbiology, 2018, 9, 2063.	3.5	30
134	Enterococcal multiresistance gene cluster in methicillin-resistant Staphylococcus aureus from various origins and geographical locations. Journal of Antimicrobial Chemotherapy, 2014, 69, 2573-2575.	3.0	29
135	Mobile lincosamide resistance genes in staphylococci. Plasmid, 2018, 99, 22-31.	1.4	29
136	Environmental dissemination of mcr-1 positive Enterobacteriaceae by Chrysomya spp. (common) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	10.0	29
137	Investigation of Antimicrobial Resistance in Escherichia coli and Enterococci Isolated from Tibetan Pigs. PLoS ONE, 2014, 9, e95623.	2.5	28
138	Presence of NDM in non-E. coli Enterobacteriaceae in the poultry production environment. Journal of Antimicrobial Chemotherapy, 2019, 74, 2209-2213.	3.0	28
139	First report of multiresistance gene cfr in Enterococcus species casseliflavus and gallinarum of swine origin. Veterinary Microbiology, 2014, 170, 352-357.	1.9	27
140	Comprehensive proteomic and metabolomic profiling of mcr-1-mediated colistin resistance in Escherichia coli. International Journal of Antimicrobial Agents, 2019, 53, 795-804.	2.5	27
141	Identification of the Novel Lincosamide Resistance Gene lnu (E) Truncated by ISEnfa5-cfr-IS Enfa5 Insertion in Streptococcus suis: De Novo Synthesis and Confirmation of Functional Activity in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2014, 58, 1785-1788.	3.2	26
142	The detection of fosfomycin resistance genes in Enterobacteriaceae from pets and their owners. Veterinary Microbiology, 2016, 193, 67-71.	1.9	26
143	Study protocol for One Health data collections, analyses and intervention of the Sino-Swedish integrated multisectoral partnership for antibiotic resistance containment (IMPACT). BMJ Open, 2018, 8, e017832.	1.9	26
144	Polymyxinsâ€“Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. Antioxidants, 2020, 9, 506.	5.1	26

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145	The Contribution of ArsB to Arsenic Resistance in Campylobacter jejuni. PLoS ONE, 2013, 8, e58894.	2.5	25
146	Presence of Mobile Tigecycline Resistance Gene tet (X4) in Clinical Klebsiella pneumoniae. Microbiology Spectrum, 2022, 10, e0108121.	3.0	25
147	Plasmid-Mediated Antimicrobial Resistance in Staphylococci and Other Firmicutes. Microbiology Spectrum, 2014, 2, .	3.0	24
148	Detection and Genetic Environment of Pleuromutilin-Lincosamide-Streptogramin A Resistance Genes in Staphylococci Isolated from Pets. Frontiers in Microbiology, 2017, 8, 234.	3.5	24
149	Antimicrobial Resistance in Stenotrophomonas spp. Microbiology Spectrum, 2018, 6, .	3.0	24
150	Antibiotic use in people and pigs: a One Health survey of rural residentsâ€™ knowledge, attitudes and practices in Shandong province, China. Journal of Antimicrobial Chemotherapy, 2018, 73, 2893-2899.	3.0	24
151	Characterization of mcr-1-Harboring Plasmids from Pan Drug-Resistant Escherichia coli Strains Isolated from Retail Raw Chicken in South Korea. Microorganisms, 2019, 7, 344.	3.6	24
152	A novel multiplexed fluorescence polarisation immunoassay based on a recombinant bi-specific single-chain diabody for simultaneous detection of fluoroquinolones and sulfonamides in milk. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1959-1967.	2.3	23
153	High detection rate of the oxazolidinone resistance gene optrA in Enterococcus faecalis isolated from a Chinese anorectal surgery ward. International Journal of Antimicrobial Agents, 2016, 48, 757-759.	2.5	23
154	Potential transferability of mcr-3 via IS26-mediated homologous recombination in Escherichia coli. Emerging Microbes and Infections, 2018, 7, 1-4.	6.5	23
155	In Vitro/Vivo Activity of Potential MCR-1 Inhibitor in Combination With Colistin Againsts mcr-1-Positive Klebsiella pneumonia. Frontiers in Microbiology, 2018, 9, 1615.	3.5	23
156	Co-existence of tet(X4) and mcr-1 in two porcine Escherichia coli isolates. Journal of Antimicrobial Chemotherapy, 2020, 75, 764-766.	3.0	23
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