Yang Wang

List of Publications by Year in Descending Order

252 papers	11,042 citations	48 h-index	97 g-index
272 ext. papers	14,533 ext. citations	7.2 avg, IF	6.3 L-index

#	Paper	IF	Citations
252	Effect of inlet-outlet configurations on the cross-transmission of airborne bacteria between animal production buildings.. *Journal of Hazardous Materials*, **2022**, 429, 128372	12.8	0
251	Presence of Mobile Tigecycline Resistance Gene (X4) in Clinical Klebsiella pneumoniae.. *Microbiology Spectrum*, **2022**, e0108121	8.9	0
250	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems.. *Antioxidants*, **2022**, 11,	7.1	4
249	Influence of Dairy Cows Bedding Material on the Microbial Structure and Antibiotic Resistance Genes of Milk.. *Frontiers in Microbiology*, **2022**, 13, 830333	5.7	
248	Tn, a Novel Tn Family Transposon from Porcine Methicillin-Resistant Staphylococcus aureus ST398, Carries a Multiresistance Gene Cluster Comprising a Novel Gene Variant and the Genes (E) and (B).. *Antimicrobial Agents and Chemotherapy*, **2022**, e0194721	5.9	0
247	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	14.4	3
246	A novel inhibitor of monooxygenase reversed the activity of tetracyclines against tet(X3)/tet(X4)-positive bacteria.. *EBioMedicine*, **2022**, 78, 103943	8.8	1
245	Colistin-induced pulmonary toxicity involves the activation of NOX4/TGF-β1/mtROS pathway and the inhibition of Akt/mTOR pathway.. *Food and Chemical Toxicology*, **2022**, 112966	4.7	0
244	Structural diversity of the ISCR2-mediated rolling-cycle transferable unit carrying tet(X4).. *Science of the Total Environment*, **2022**, 154010	10.2	1
243	Occurrence and transfer characteristics of bla genes among Escherichia coli in anaerobic digestion systems treating swine waste.. *Science of the Total Environment*, **2022**, 834, 155321	10.2	1
242	Prevalence, transmission, and molecular epidemiology of tet(X)-positive bacteria among humans, animals, and environmental niches in China: An epidemiological, and genomic-based study. *Science of the Total Environment*, **2021**, 818, 151767	10.2	1
241	Evolution and genomic insight into methicillin-resistant Staphylococcus aureus ST9 in China. *Journal of Antimicrobial Chemotherapy*, **2021**, 76, 1703-1711	5.1	2
240	Regulatory mechanisms of sub-inhibitory levels antibiotics agent in bacterial virulence. *Applied Microbiology and Biotechnology*, **2021**, 105, 3495-3505	5.7	2
239	Abundance of tigecycline resistance genes and association with antibiotic residues in Chinese livestock farms. *Journal of Hazardous Materials*, **2021**, 409, 124921	12.8	11
238	Novel Quadruplex PCR for detecting and genotyping mobile colistin resistance genes in human samples. *Diagnostic Microbiology and Infectious Disease*, **2021**, 101, 115419	2.9	
237	Prevalence and risk factors of mcr-1-positive volunteers after colistin banning as animal growth promoter in China: a community-based case-control study. *Clinical Microbiology and Infection*, **2021**,	9.5	3
236	Characterisation of Staphylococcus aureus isolates from bovine mastitis in Ningxia, Western China. *Journal of Global Antimicrobial Resistance*, **2021**, 25, 232-237	3.4	1

235	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. *Clinical Microbiology Reviews*, **2021**, 34, e0018820	34	20
234	Characterization of novel ISAba1-bounded tet(X15)-bearing composite transposon Tn6866 in Acinetobacter variabilis. *Journal of Antimicrobial Chemotherapy*, **2021**, 76, 2481-2483	5.1	6
233	Synergistic Activity of Colistin Combined With Auranofin Against Colistin-Resistant Gram-Negative Bacteria. *Frontiers in Microbiology*, **2021**, 12, 676414	5.7	2
232	Inhibition of Oxidative Stress and ALOX12 and NF-B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. *Antioxidants*, **2021**, 10,	7.1	13
231	Rapid detection of human origin colistin-resistance genes mcr-1, mcr-3, mcr-8, mcr-10 in clinical fecal samples. *Archives of Microbiology*, **2021**, 203, 4405-4417	3	4
230	Surveillance of antimicrobial resistance in Escherichia coli and enterococci from food products at retail in Beijing, China. *Food Control*, **2021**, 119, 107483	6.2	1
229	Investigation of tigecycline resistant Escherichia coli from raw meat reveals potential transmission among food-producing animals. *Food Control*, **2021**, 121, 107633	6.2	0
228	High prevalence and persistence of carbapenem and colistin resistance in livestock farm environments in China. *Journal of Hazardous Materials*, **2021**, 406, 124298	12.8	9
227	Prevalence and risk analysis of mobile colistin resistance and extended-spectrum -lactamase genes carriage in pet dogs and their owners: a population based cross-sectional study. *Emerging Microbes and Infections*, **2021**, 10, 242-251	18.9	3
226	Dissemination of the (X)-Variant Genes from Layer Farms to Manure-Receiving Soil and Corresponding Lettuce. *Environmental Science & Technology*, **2021**, 55, 1604-1614	10.3	9
225	Comparative analysis of genomic characteristics, fitness and virulence of MRSA ST398 and ST9 isolated from China and Germany. *Emerging Microbes and Infections*, **2021**, 10, 1481-1494	18.9	3
224	Molecular Investigation of from Clinical Companion Animals in Beijing, China, 2017-2019. *Pathogens* , **2021**, 10,	4.5	6
223	The Effectiveness of an Educational Intervention on Knowledge, Attitudes and Reported Practices on Antibiotic Use in Humans and Pigs: A Quasi-Experimental Study in Twelve Villages in Shandong Province, China. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
222	Mobile Colistin Resistance Enzyme MCR-3 Facilitates Bacterial Evasion of Host Phagocytosis. *Advanced Science*, **2021**, 8, e2101336	13.6	2
221	Prevalence of mcr-1 in Colonized Inpatients, China, 2011-2019. *Emerging Infectious Diseases*, **2021**, 27, 2502-2504	10.2	2
220	Detection of the plasmid-borne oxazolidinone/phenicol resistance gene optrA in Lactococcus garvieae isolated from faecal samples. *Clinical Microbiology and Infection*, **2021**, 27, 1358-1359	9.5	2
219	Multiresistance gene cfr(C) in Clostridium perfringens of cattle origin from China. *Journal of Antimicrobial Chemotherapy*, **2021**, 76, 3310-3312	5.1	1
218	Genomic insights into a complete deletion of the mgrB locus in colistin-resistant Klebsiella pneumoniae ST2268 isolated from a human infection. *Journal of Global Antimicrobial Resistance*, **2021**, 27, 75-78	3.4	

217	Peptide nucleic acid restores colistin susceptibility through modulation of MCR-1 expression in Escherichia coli. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 2059-2065	5.1	3
216	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. *Nature Microbiology*, **2020**, 5, 1040-1050	26.6	76
215	Nerve Growth Factor Confers Neuroprotection against Colistin-Induced Peripheral Neurotoxicity. *ACS Infectious Diseases*, **2020**, 6, 1451-1459	5.5	2
214	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. *Journal of Hazardous Materials*, **2020**, 399, 123059	12.8	12
213	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	25.5	79
212	Polymyxins-Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. *Antioxidants*, **2020**, 9,	7.1	10
211	Mobile oxazolidinone/phenicol resistance gene optrA in chicken Clostridium perfringens. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 3067-3069	5.1	5
210	Detection of the enterococcal oxazolidinone/phenicol resistance gene optrA in Campylobacter coli. *Veterinary Microbiology*, **2020**, 246, 108731	3.3	6
209	Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 3087-3095	5.1	66
208	Development of a Multiplex Real-Time PCR Assay for Rapid Detection of Tigecycline Resistance Gene (X) Variants from Bacterial, Fecal, and Environmental Samples. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	5
207	Fitness Cost of -Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free. *Microorganisms*, **2020**, 8,	4.9	13
206	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. *Environmental Microbiology*, **2020**, 22, 2469-2484	5.2	30
205	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
204	A public health concern: emergence of carbapenem-resistant Klebsiella pneumoniae in a public transportation environment. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 2769-2772	5.1	3
203	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	5.1	42
202	A Novel Transposon, Tn, Mediated Transfer of Variant in ESBL-Producing. *Infection and Drug Resistance*, **2020**, 13, 893-899	4.2	2
201	Novel IS26-mediated hybrid plasmid harbouring tet(X4) in Escherichia coli. *Journal of Global Antimicrobial Resistance*, **2020**, 21, 162-168	3.4	13
200	A novel SCCmec type V variant in porcine MRSA ST398 from China. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 484-486	5.1	1

199	Characterization of Acinetobacter indicus co-harbouring tet(X3) and blaNDM-1 of dairy cow origin. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 2693-2696	5.1	7
198	Presence and Antimicrobial Susceptibility of RE-cmeABC-Positive Campylobacter Isolated from Food-Producing Animals, 2014–2016. *Engineering*, **2020**, 6, 34-39	9.7	4
197	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. *Veterinary Microbiology*, **2020**, 242, 108570	3.3	10
196	Co-existence of tet(X4) and mcr-1 in two porcine Escherichia coli isolates. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 764-766	5.1	12
195	Polymorphism Existence of Mobile Tigecycline Resistance Gene (X4) in Escherichia coli. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	7
194	Antimicrobial resistance of bacterial pathogens isolated from canine urinary tract infections. *Veterinary Microbiology*, **2020**, 241, 108540	3.3	6
193	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	3.1	17
192	Co-existence of two novel phosphoethanolamine transferase gene variants in Aeromonas jandaei from retail fish. *International Journal of Antimicrobial Agents*, **2020**, 55, 105856	14.3	4
191	Compensatory mutations modulate the competitiveness and dynamics of plasmid-mediated colistin resistance in Escherichia coli clones. *ISME Journal*, **2020**, 14, 861-865	11.9	18
190	Prevalence, risk factors and molecular epidemiology of carbapenem-resistant in patients from Zhejiang, China, 2008-2018. *Emerging Microbes and Infections*, **2020**, 9, 1771-1779	18.9	21
189	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. *Environment International*, **2020**, 144, 106005	12.9	13
188	Genomic epidemiology of animal-derived tigecycline-resistant Escherichia coli across China reveals recent endemic plasmid-encoded tet(X4) gene. *Communications Biology*, **2020**, 3, 412	6.7	8
187	Chromosomal and Plasmid-Borne Tigecycline Resistance Genes (X3) and (X4) in Dairy Cows on a Chinese Farm. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	5
186	Use of polymyxins in Chinese hospitals. *Lancet Infectious Diseases, The*, **2020**, 20, 1125-1126	25.5	2
185	Contaminated in-house environment contributes to the persistence and transmission of NDM-producing bacteria in a Chinese poultry farm. *Environment International*, **2020**, 139, 105715	12.9	21
184	Emergence of the Phenicol Exporter Gene in Campylobacter coli and Campylobacter jejuni of Animal Origin. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	3
183	Prevalence and antimicrobial susceptibility of Clostridium perfringens in chickens and pigs from Beijing and Shanxi, China. *Veterinary Microbiology*, **2020**, 252, 108932	3.3	7
182	Identification of Functional Interactome of Colistin Resistance Protein MCR-1 in. *Frontiers in Microbiology*, **2020**, 11, 583185	5.7	1

181	Klebsiella pneumoniae Expressing VIM-1 Metallo-Lactamase Is Resensitized to Cefotaxime via Thiol-Mediated Zinc Chelation. *Infection and Immunity*, **2019**, 88,	3.7	5
180	Prevalence and dissemination risk of antimicrobial-resistant Enterobacteriaceae from shared bikes in Beijing, China. *Environment International*, **2019**, 132, 105119	12.9	10
179	Characterization of -Harboring Plasmids from Pan Drug-Resistant Strains Isolated from Retail Raw Chicken in South Korea. *Microorganisms*, **2019**, 7,	4.9	15
178	Deciphering the Role of V88L Substitution in NDM-24 metallo-lactamase. *Catalysts*, **2019**, 9, 744	4	6
177	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. *Nature Microbiology*, **2019**, 4, 1450-1456	26.6	230
176	Integrated aquaculture contributes to the transfer of mcr-1 between animals and humans via the aquaculture supply chain. *Environment International*, **2019**, 130, 104708	12.9	21
175	Characterization of multiresistance gene cfr(C) variants in Campylobacter from China. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 2166-2170	5.1	9
174	Emerging (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	19
173	Presence of NDM in non-E. coli Enterobacteriaceae in the poultry production environment. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 2209-2213	5.1	16
172	A novel small tet(T)-tet(L)-aadD-carrying plasmid from MRSA and MSSA ST9 isolates of swine origin. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 2462-2464	5.1	4
171	Discovery of a potential MCR-1 inhibitor that reverses polymyxin activity against clinical mcr-1-positive Enterobacteriaceae. *Journal of Infection*, **2019**, 78, 364-372	18.9	30
170	Genomic analysis of Staphylococcus aureus along a pork production chain and in the community, Shandong Province, China. *International Journal of Antimicrobial Agents*, **2019**, 54, 8-15	14.3	11
169	Association of colistin residues and manure treatment with the abundance of mcr-1 gene in swine feedlots. *Environment International*, **2019**, 127, 361-370	12.9	29
168	Pterostilbene restores carbapenem susceptibility in New Delhi metallo-lactamase-producing isolates by inhibiting the activity of New Delhi metallo-lactamases. *British Journal of Pharmacology*, **2019**, 176, 4548-4557	8.6	22
167	Inter-host Transmission of Carbapenemase-Producing among Humans and Backyard Animals. *Environmental Health Perspectives*, **2019**, 127, 107009	8.4	42
166	Analysis of combined resistance to oxazolidinones and phenicols among bacteria from dogs fed with raw meat/vegetables and the respective food items. *Scientific Reports*, **2019**, 9, 15500	4.9	14
165	Plasmid-mediated tigecycline-resistant gene (X4) in from food-producing animals, China, 2008-2018. *Emerging Microbes and Infections*, **2019**, 8, 1524-1527	18.9	28
164	Novel Plasmid-Mediated (X5) Gene Conferring Resistance to Tigecycline, Eravacycline, and Omadacycline in a Clinical Acinetobacter baumannii Isolate. *Antimicrobial Agents and Chemotherapy* , **2019**, 64,	5.9	70

163	Comprehensive proteomic and metabolomic profiling of mcr-1-mediated colistin resistance in Escherichia coli. *International Journal of Antimicrobial Agents*, **2019**, 53, 795-804	14.3	12
162	Emergence of Colistin Resistance Gene and Its Variant in. *Frontiers in Microbiology*, **2019**, 10, 228	5.7	44
161	Amino acid changes at the VIM-48 C-terminus result in increased carbapenem resistance, enzyme activity and protein stability. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 885-893	5.1	4
160	Novel pseudo-staphylococcal cassette chromosome mec element (SCCmecT55) in MRSA ST9. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 819-820	5.1	2
159	Environmental dissemination of mcr-1 positive Enterobacteriaceae by Chrysomya spp. (common blowfly): An increasing public health risk. *Environment International*, **2019**, 122, 281-290	12.9	17
158	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	3.3	22
157	Novel partners with colistin to increase its in vivo therapeutic effectiveness and prevent the occurrence of colistin resistance in NDM- and MCR-co-producing Escherichia coli in a murine infection model. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 87-95	5.1	7
156	Occurrence of the mobile colistin resistance gene mcr-3 in Escherichia coli from household pigs in rural areas. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1721-1723	5.1	7
155	Mobile colistin resistance gene mcr-5 in porcine Aeromonas hydrophila. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1777-1780	5.1	24
154	Occurrence and characterisation of ESBL-encoding plasmids among Escherichia coli isolates from fresh vegetables. *Veterinary Microbiology*, **2018**, 219, 63-69	3.3	23
153	Potential transferability of mcr-3 via IS26-mediated homologous recombination in Escherichia coli. *Emerging Microbes and Infections*, **2018**, 7, 55	18.9	14
152	Antimicrobial Resistance in spp. *Microbiology Spectrum*, **2018**, 6,	8.9	30
151	Emergence of the colistin resistance gene mcr-1 and its variant in several uncommon species of Enterobacteriaceae from commercial poultry farm surrounding environments. *Veterinary Microbiology*, **2018**, 219, 161-164	3.3	12
150	Identical genotypes of community-associated MRSA (ST59) and livestock-associated MRSA (ST9) in humans and pigs in rural China. *Zoonoses and Public Health*, **2018**, 65, 367-371	2.9	14
149	Rapid Increase in Prevalence of Carbapenem-Resistant Enterobacteriaceae (CRE) and Emergence of Colistin Resistance Gene in CRE in a Hospital in Henan, China. *Journal of Clinical Microbiology*, **2018**, 56,	9.7	32
148	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	5.1	40
147	Pterostilbene, a Potential MCR-1 Inhibitor That Enhances the Efficacy of Polymyxin B. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	28
146	Mechanisms of Bacterial Resistance to Antimicrobial Agents. *Microbiology Spectrum*, **2018**, 6,	8.9	22

145	Presence and molecular characteristics of oxazolidinone resistance in staphylococci from household animals in rural China. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1194-1200	5.1	22
144	Antimicrobial Resistance in spp. *Microbiology Spectrum*, **2018**, 6,	8.9	8
143	bla-producing multidrug-resistant Escherichia coli isolated from a companion dog in China. *Journal of Global Antimicrobial Resistance*, **2018**, 13, 24-27	3.4	7
142	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	5.7	45
141	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	3	18
140	Rapid rise of the ESBL and mcr-1 genes in Escherichia coli of chicken origin in China, 2008-2014. *Emerging Microbes and Infections*, **2018**, 7, 30	18.9	62
139	Magnolol restores the activity of meropenem against NDM-1-producing by inhibiting the activity of metallo-beta-lactamase. *Cell Death Discovery*, **2018**, 4, 28	6.9	25
138	Mobile lincosamide resistance genes in staphylococci. *Plasmid*, **2018**, 99, 22-31	3.3	15
137	/ Activity of Potential MCR-1 Inhibitor in Combination With Colistin Againsts -1-Positive. *Frontiers in Microbiology*, **2018**, 9, 1615	5.7	14
136	Heterogeneous and Flexible Transmission of in Hospital-Associated Escherichia coli. *MBio*, **2018**, 9,	7.8	33
135	Anthropogenic and environmental factors associated with high incidence of mcr-1 carriage in humans across China. *Nature Microbiology*, **2018**, 3, 1054-1062	26.6	87
134	Antibiotic use in people and pigs: a One Health survey of rural residentsR knowledge, attitudes and practices in Shandong province, China. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2893-2899	5.1	14
133	Novel Variant of New Delhi Metallo-lactamase, NDM-20, in. *Frontiers in Microbiology*, **2018**, 9, 248	5.7	40
132	Molecular Insights into Functional Differences between - and -Mediated Colistin Resistance. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	10
131	Antimicrobial Resistance among Staphylococci of Animal Origin. *Microbiology Spectrum*, **2018**, 6,	8.9	26
130	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 2625-2630	5.1	64
129	A retrospective study on mcr-1 in clinical Escherichia coli and Klebsiella pneumoniae isolates in China from 2007 to 2016. *Journal of Antimicrobial Chemotherapy*, **2018**, 73, 1786-1790	5.1	9
128	Antimicrobial Resistance Properties of Staphylococcus aureus **2018**, 57-85		4

127	Presence of an Variant in Aeromonas caviae, Proteus mirabilis, and Escherichia coli from One Domestic Duck. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	23
126	Emerging Carriage of NDM-5 and MCR-1 in From Healthy People in Multiple Regions in China: A Cross Sectional Observational Study. *EClinicalMedicine*, **2018**, 6, 11-20	11.3	41
125	Intracellular Accumulation of Linezolid and Florfenicol in OptrA-Producing and. *Molecules*, **2018**, 23,	4.8	8
124	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant CC398. *Frontiers in Microbiology*, **2018**, 9, 2063	5.7	15
123	Reply to Cabello et al., "Aquaculture and Colistin Resistance Determinants". *MBio*, **2018**, 9,	7.8	11
122	Antimicrobial Resistance in Stenotrophomonas spp. **2018**, 409-423		
121	Mechanisms of Bacterial Resistance to Antimicrobial Agents **2018**, 51-82		2
120	Antimicrobial Resistance among Staphylococci of Animal Origin **2018**, 127-157		0
119	Antimicrobial Resistance in Campylobacter spp. **2018**, 317-330		2
118	Mobile macrolide resistance genes in staphylococci. *Plasmid*, **2018**, 99, 2-10	3.3	19
117	Prevalence and Genetic Analysis of -Positive Aeromonas Species from Humans, Retail Meat, and Environmental Water Samples. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	38
116	Emergence of a novel mobile colistin resistance gene, mcr-8, in NDM-producing Klebsiella pneumoniae. *Emerging Microbes and Infections*, **2018**, 7, 122	18.9	272
115	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	3.3	29
114	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	4.9	78
113	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
112	High Prevalence and Predominance of the Gene Conferring Aminoglycoside Resistance in Campylobacter. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	27
111	Surveillance of antimicrobial resistance among Escherichia coli from chicken and swine, China, 2008-2015. *Veterinary Microbiology*, **2017**, 203, 49-55	3.3	39
110	Plasmid-Mediated Novel Gene Encoding a Carbapenemase with Enhanced Activity in a Sequence Type 48 Escherichia coli Strain. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	50

109	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. *Nature Microbiology*, **2017**, 2, 16260	26.6	240
108	Characterization of pig-associated methicillin-resistant Staphylococcus aureus. *Veterinary Microbiology*, **2017**, 201, 183-187	3.3	40
107	Dissemination of erm(B) and its associated multidrug-resistance genomic islands in Campylobacter from 2013 to 2015. *Veterinary Microbiology*, **2017**, 204, 20-24	3.3	9
106	Presence of VIM-Positive Pseudomonas Species in Chickens and Their Surrounding Environment. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	11
105	Characterization of NDM-5-positive extensively resistant Escherichia coli isolates from dairy cows. *Veterinary Microbiology*, **2017**, 207, 153-158	3.3	37
104	MCR-1-producing Klebsiella pneumoniae outbreak in China. *Lancet Infectious Diseases, The*, **2017**, 17, 577	25.5	35
103	Occurrence of Plasmid- and Chromosome-Carried in Waterborne Enterobacteriaceae in China. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	50
102	Minocycline attenuates colistin-induced neurotoxicity via suppression of apoptosis, mitochondrial dysfunction and oxidative stress. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1635-1645	5.1	29
101	Analysis of blaSHV-12-carrying Escherichia coli clones and plasmids from human, animal and food sources. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1589-1596	5.1	24
100	Chromosome-Mediated Variants in Aeromonas veronii from Chicken Meat. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	54
99	Distribution of optrA and cfr in florfenicol-resistant Staphylococcus sciuri of pig origin. *Veterinary Microbiology*, **2017**, 210, 43-48	3.3	29
98	Balancing mcr-1 expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. *Nature Communications*, **2017**, 8, 2054	17.4	91
97	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	5.1	32
96	Novel Plasmid-Mediated Colistin Resistance Gene in. *MBio*, **2017**, 8,	7.8	281
95	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	3.3	27
94	Occurrence and characterization of blaNDM-5-positive Klebsiella pneumoniae isolates from dairy cows in Jiangsu, China. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 90-94	5.1	40
93	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in Campylobacter jejuni. *Scientific Reports*, **2017**, 7, 16973	4.9	5
92	mcr-1 in Enterobacteriaceae from Companion Animals, Beijing, China, 2012-2016. *Emerging Infectious Diseases*, **2017**, 23, 710-711	10.2	34

91	Detection and Genetic Environment of Pleuromutilin-Lincosamide-Streptogramin A Resistance Genes in Staphylococci Isolated from Pets. *Frontiers in Microbiology*, **2017**, 8, 234	5.7	19
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	5.7	26
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