Qijing Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10425693/publications.pdf

Version: 2024-02-01

167 papers	9,708 citations	26610 56 h-index	43868 91 g-index
170 all docs	170 docs citations	170 times ranked	6962 citing authors

#	Article	IF	Citations
1	CmeABC Functions as a Multidrug Efflux System in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2002, 46, 2124-2131.	1.4	473
2	Antibiotic resistance inCampylobacter: emergence, transmission and persistence. Future Microbiology, 2009, 4, 189-200.	1.0	454
3	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. Nature Microbiology, 2017, 2, 16260.	5.9	347
4	Enhanced in vivo fitness of fluoroquinolone-resistant Campylobacter jejuni in the absence of antibiotic selection pressure. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 541-546.	3.3	326
5	Critical Role of Multidrug Efflux Pump CmeABC in Bile Resistance and In Vivo Colonization of Campylobacter jejuni. Infection and Immunity, 2003, 71, 4250-4259.	1.0	270
6	Outer membrane proteins: key players for bacterial adaptation in host niches. Microbes and Infection, 2002, 4, 325-331.	1.0	231
7	In Vivo Selection of Campylobacter Isolates with High Levels of Fluoroquinolone Resistance Associated with gyrA Mutations and the Function of the CmeABC Efflux Pump. Antimicrobial Agents and Chemotherapy, 2003, 47, 390-394.	1.4	218
8	Effect of Conventional and Organic Production Practices on the Prevalence and Antimicrobial Resistance of Campylobacter spp. in Poultry. Applied and Environmental Microbiology, 2006, 72, 3600-3607.	1.4	204
9	Mechanisms of fluoroquinolone and macrolide resistance in Campylobacter spp.. Microbes and Infection, 2006, 8, 1967-1971.	1.0	176
10	CmeR Functions as a Transcriptional Repressor for the Multidrug Efflux Pump CmeABC in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2005, 49, 1067-1075.	1.4	172
11	Campylobacterin Poultry: Ecology and Potential Interventions. Avian Diseases, 2015, 59, 185-200.	0.4	171
12	Bile Salts Modulate Expression of the CmeABC Multidrug Efflux Pump in Campylobacter jejuni. Journal of Bacteriology, 2005, 187, 7417-7424.	1.0	167
13	Campylobactercolonization in poultry: sources of infection and modes of transmission. Animal Health Research Reviews, 2002, 3, 95-105.	1.4	154
14	Effect of Campylobacter -Specific Maternal Antibodies on Campylobacter jejuni Colonization in Young Chickens. Applied and Environmental Microbiology, 2003, 69, 5372-5379.	1.4	144
15	Anthropogenic and environmental factors associated with high incidence of mcr-1 carriage in humans across China. Nature Microbiology, 2018, 3, 1054-1062.	5.9	139
16	Interaction of CmeABC and CmeDEF in conferring antimicrobial resistance and maintaining cell viability in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2006, 57, 52-60.	1.3	132
17	Prevalence and antimicrobial resistance of Campylobacter isolates in broilers from China. Veterinary Microbiology, 2010, 144, 133-139.	0.8	130
18	Emergence of Multidrug-Resistant Campylobacter Species Isolates with a Horizontally Acquired rRNA Methylase. Antimicrobial Agents and Chemotherapy, 2014, 58, 5405-5412.	1.4	129

#	Article	IF	Citations
19	Co-transfer of blaNDM-5 and mcr-1 by an IncX3â€“X4 hybrid plasmid in Escherichia coli. Nature Microbiology, 2016, 1, 16176.	5.9	123
20	Phenotypic and Genotypic Evidence for <scp>l</scp> -Fucose Utilization by Campylobacter jejuni. Journal of Bacteriology, 2011, 193, 1065-1075.	1.0	119
21	First Report of the Multidrug Resistance Genecfrin Enterococcus faecalis of Animal Origin. Antimicrobial Agents and Chemotherapy, 2012, 56, 1650-1654.	1.4	118
22	Prevalence, Antigenic Specificity, and Bactericidal Activity of Poultry Anti- Campylobacter Maternal Antibodies. Applied and Environmental Microbiology, 2001, 67, 3951-3957.	1.4	117
23	Emergence of a Tetracycline-ResistantCampylobacter jejuniClone Associated with Outbreaks of Ovine Abortion in the United States. Journal of Clinical Microbiology, 2008, 46, 1663-1671.	1.8	114
24	Antibiotic Resistance Modulation and Modes of Action of (-)-Î±-Pinene in Campylobacter jejuni. PLoS ONE, 2015, 10, e0122871.	1.1	102
25	Identification of New Delhi Metallo-Î²-lactamase 1 in Acinetobacter lwoffii of Food Animal Origin. PLoS ONE, 2012, 7, e37152.	1.1	101
26	Identification of a Novel Genomic Island Conferring Resistance to Multiple Aminoglycoside Antibiotics in Campylobacter coli. Antimicrobial Agents and Chemotherapy, 2012, 56, 5332-5339.	1.4	99
27	Molecular Evidence for Zoonotic Transmission of an Emergent, Highly Pathogenic Campylobacter jejuni Clone in the United States. Journal of Clinical Microbiology, 2012, 50, 680-687.	1.8	98
28	Key Role of Mfd in the Development of Fluoroquinolone Resistance in Campylobacter jejuni. PLoS Pathogens, 2008, 4, e1000083.	2.1	97
29	Report of ribosomal RNA methylase gene erm(B) in multidrug-resistant Campylobacter coli. Journal of Antimicrobial Chemotherapy, 2014, 69, 964-968.	1.3	96
30	Comparison of Antimicrobial Susceptibility Testing of Campylobacter spp. by the Agar Dilution and the Agar Disk Diffusion Methods. Journal of Clinical Microbiology, 2007, 45, 590-594.	1.8	95
31	Role of the CmeABC efflux pump in the emergence of fluoroquinolone-resistant Campylobacter under selection pressure. Journal of Antimicrobial Chemotherapy, 2006, 58, 1154-1159.	1.3	94
32	Effect of Macrolide Usage on Emergence of Erythromycin-Resistant Campylobacter Isolates in Chickens. Antimicrobial Agents and Chemotherapy, 2007, 51, 1678-1686.	1.4	93
33	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances Campylobacter Resistance to Multiple Antibiotics. MBio, 2016, 7, .	1.8	91
34	Sequence Polymorphism, Predicted Secondary Structures, and Surface-Exposed Conformational Epitopes of Campylobacter Major Outer Membrane Protein. Infection and Immunity, 2000, 68, 5679-5689.	1.0	90
35	High Incidence and Endemic Spread of NDM-1-Positive Enterobacteriaceae in Henan Province, China. Antimicrobial Agents and Chemotherapy, 2014, 58, 4275-4282.	1.4	90
36	Distribution of the Multidrug Resistance Gene cfr in Staphylococcus Species Isolates from Swine Farms in China. Antimicrobial Agents and Chemotherapy, 2012, 56, 1485-1490.	1.4	88

#	Article	IF	Citations
37	Contribution of CmeG to antibiotic and oxidative stress resistance in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2011, 66, 79-85.	1.3	82
38	The Campylobacter jejuni Response Regulator, CbrR, Modulates Sodium Deoxycholate Resistance and Chicken Colonization. Journal of Bacteriology, 2005, 187, 3662-3670.	1.0	81
39	Emergence of a plasmid-borne multidrug resistance gene cfr(C) in foodborne pathogen Campylobacter. Journal of Antimicrobial Chemotherapy, 2017, 72, 1581-1588.	1.3	80
40	Fitness of antimicrobial-resistant Campylobacter and Salmonella. Microbes and Infection, 2006, 8, 1972-1978.	1.0	78
41	Transferable Multiresistance Plasmids Carrying cfr in Enterococcus spp. from Swine and Farm Environment. Antimicrobial Agents and Chemotherapy, 2013, 57, 42-48.	1.4	78
42	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.	2.1	72
43	Antibiotic resistance trends and mechanisms in the foodborne pathogen,Campylobacter. Animal Health Research Reviews, 2017, 18, 87-98.	1.4	71
44	New and alternative strategies for the prevention, control, and treatment of antibiotic-resistant Campylobacter. Translational Research, 2020, 223, 76-88.	2.2	71
45	A novel phenicol exporter gene, fexB, found in enterococci of animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 322-325.	1.3	69
46	Structures and transport dynamics of a Campylobacter jejuni multidrug efflux pump. Nature Communications, 2017, 8, 171.	5.8	69
47	Spread of oqxAB in Salmonella enterica serotype Typhimurium predominantly by IncHI2 plasmids. Journal of Antimicrobial Chemotherapy, 2013, 68, 2263-2268.	1.3	68
48	Antimicrobial Resistance in Campylobacter spp. Microbiology Spectrum, 2018, 6, .	1.2	67
49	Localized reversible frameshift mutation in an adhesin gene confers a phaseâ€variable adherence phenotype in mycoplasma. Molecular Microbiology, 1997, 25, 859-869.	1.2	66
50	Species shift and multidrug resistance ofCampylobacterfrom chicken and swine, China, 2008â€“14. Journal of Antimicrobial Chemotherapy, 2016, 71, 666-669.	1.3	66
51	Detection of the staphylococcal multiresistance gene cfr in Proteus vulgaris of food animal origin. Journal of Antimicrobial Chemotherapy, 2011, 66, 2521-2526.	1.3	64
52	A Fluoroquinolone Resistance Associated Mutation in gyrA Affects DNA Supercoiling in Campylobacter jejuni. Frontiers in Cellular and Infection Microbiology, 2012, 2, 21.	1.8	64
53	Campylobacter-Associated Diseases in Animals. Annual Review of Animal Biosciences, 2017, 5, 21-42.	3.6	64
54	Detection of the staphylococcal multiresistance gene cfr in Escherichia coli of domestic-animal origin. Journal of Antimicrobial Chemotherapy, 2012, 67, 1094-1098.	1.3	62

#	Article	IF	Citations
55	Transcriptional Regulation of the CmeABC Multidrug Efflux Pump and the KatA Catalase by CosR in Campylobacter jejuni. Journal of Bacteriology, 2012, 194, 6883-6891.	1.0	61
56	CmeR Functions as a Pleiotropic Regulator and Is Required for Optimal Colonization of Campylobacter jejuni In Vivo. Journal of Bacteriology, 2008, 190, 1879-1890.	1.0	60
57	Antimicrobial resistance in Campylobacter coli isolated from pigs in two provinces of China. International Journal of Food Microbiology, 2011, 146, 94-98.	2.1	58
58	Rising fluoroquinolone resistance in Campylobacter isolated from feedlot cattle in the United States. Scientific Reports, 2017, 7, 494.	1.6	58
59	Identification of an Arsenic Resistance and Arsenic-Sensing System in Campylobacter jejuni. Applied and Environmental Microbiology, 2009, 75, 5064-5073.	1.4	57
60	Structures of AcrR and CmeR: Insight into the mechanisms of transcriptional repression and multi-drug recognition in the TetR family of regulators. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 844-851.	1.1	56
61	Point mutations in the major outer membrane protein drive hypervirulence of a rapidly expanding clone of Campylobacter jejuni. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10690-10695.	3.3	56
62	Fluoroquinolone-resistant <I>Campylobacter</I> in animal reservoirs: dynamics of development, resistance mechanisms and ecological fitness. Animal Health Research Reviews, 2003, 4, 63-71.	1.4	56
63	Impaired Fitness and Transmission of Macrolide-Resistant Campylobacter jejuni in Its Natural Host. Antimicrobial Agents and Chemotherapy, 2012, 56, 1300-1308.	1.4	55
64	Heterogeneous and Flexible Transmission of mcr-1 in Hospital-Associated Escherichia coli. MBio, 2018, 9, .	1.8	54
65	Contribution of the Multidrug Efflux Transporter CmeABC to Antibiotic Resistance in DifferentCampylobacterSpecies. Foodborne Pathogens and Disease, 2010, 7, 77-83.	0.8	51
66	Crystal Structure of the Transcriptional Regulator CmeR from Campylobacter jejuni. Journal of Molecular Biology, 2007, 372, 583-593.	2.0	50
67	Sensitization of Campylobacter jejuni to fluoroquinolone and macrolide antibiotics by antisense inhibition of the CmeABC multidrug efflux transporter. Journal of Antimicrobial Chemotherapy, 2009, 63, 946-948.	1.3	50
68	Salicylate Functions as an Efflux Pump Inducer and Promotes the Emergence of Fluoroquinolone-Resistant Campylobacter jejuni Mutants. Applied and Environmental Microbiology, 2011, 77, 7128-7133.	1.4	48
69	Efflux Pump Overexpression Contributes to Tigecycline Heteroresistance in Salmonella enterica serovar Typhimurium. Frontiers in Cellular and Infection Microbiology, 2017, 7, 37.	1.8	48
70	Occurrence and molecular analysis of Campylobacter in wildlife on livestock farms. Veterinary Microbiology, 2012, 157, 369-375.	0.8	45
71	Structural and functional analysis of the transcriptional regulator Rv3066 of Mycobacterium tuberculosis. Nucleic Acids Research, 2012, 40, 9340-9355.	6.5	44
72	Role of Cj1211 in Natural Transformation and Transfer of Antibiotic Resistance Determinants in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2008, 52, 2699-2708.	1.4	42

#	Article	IF	Citations
73	Pathogenicity of an emergent, ovine abortifacient Campylobacter jejuni clone orally inoculated into pregnant guinea pigs. American Journal of Veterinary Research, 2009, 70, 1269-1276.	0.3	42
74	Efflux Pumps of the Resistanceâ€“Nodulationâ€“Division Family: A Perspective of their Structure, Function, and Regulation in Gramâ€Negative Bacteria. Advances in Enzymology and Related Areas of Molecular Biology, 2011, 77, 109-146.	1.3	42
75	Anti-Campylobacter Activities and Resistance Mechanisms of Natural Phenolic Compounds in Campylobacter. PLoS ONE, 2012, 7, e51800.	1.1	42
76	Genetic Diversity and Antimicrobial Susceptibility of Campylobacter jejuni Isolates Associated with Sheep Abortion in the United States and Great Britain. Journal of Clinical Microbiology, 2014, 52, 1853-1861.	1.8	41
77	Emergence of Extensively Drug-Resistant Proteus mirabilis Harboring a Conjugative NDM-1 Plasmid and a Novel Salmonella Genomic Island 1 Variant, SGI1-Z. Antimicrobial Agents and Chemotherapy, 2015, 59, 6601-6604.	1.4	41
78	Functional Characterization of the Twin-Arginine Translocation System inCampylobacter jejuni. Foodborne Pathogens and Disease, 2009, 6, 935-945.	0.8	40
79	Identification of a Novel Membrane Transporter Mediating Resistance to Organic Arsenic in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2014, 58, 2021-2029.	1.4	40
80	Roles of lipooligosaccharide and capsular polysaccharide in antimicrobial resistance and natural transformation of Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2009, 63, 462-468.	1.3	39
81	Crystal structures of CmeRâ€bile acid complexes from Campylobacter jejuni. Protein Science, 2011, 20, 712-723.	3.1	38
82	Critical Role of LuxS in the Virulence of Campylobacter jejuni in a Guinea Pig Model of Abortion. Infection and Immunity, 2012, 80, 585-593.	1.0	38
83	Genetic Basis and Functional Consequences of Differential Expression of the CmeABC Efflux Pump in Campylobacter jejuni Isolates. PLoS ONE, 2015, 10, e0131534.	1.1	36
84	Cj0011c, a Periplasmic Single- and Double-Stranded DNA-Binding Protein, Contributes to Natural Transformation in Campylobacter jejuni. Journal of Bacteriology, 2007, 189, 7399-7407.	1.0	34
85	Mutational and Transcriptomic Changes Involved in the Development of Macrolide Resistance in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2013, 57, 1369-1378.	1.4	34
86	Co-spread of oqxAB and blaCTX-M-9G in non-Typhi Salmonella enterica isolates mediated by ST2-IncHI2 plasmids. International Journal of Antimicrobial Agents, 2014, 44, 263-268.	1.1	33
87	Target optimization for peptide nucleic acid (PNA)-mediated antisense inhibition of the CmeABC multidrug efflux pump in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2014, 69, 375-380.	1.3	33
88	The new genetic environment of cfr on plasmid pBS-02 in a Bacillus strain. Journal of Antimicrobial Chemotherapy, 2011, 66, 1174-1175.	1.3	32
89	Multi-omics Approaches to Deciphering a Hypervirulent Strain of Campylobacter jejuni. Genome Biology and Evolution, 2013, 5, 2217-2230.	1.1	32
90	High Prevalence and Predominance of the aph(2â€³)-If Gene Conferring Aminoglycoside Resistance in Campylobacter. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	31

#	Article	IF	Citations
91	An IoT-enabled paper sensor platform for real-time analysis of isothermal nucleic acid amplification tests. Biosensors and Bioelectronics, 2020, 169, 112651.	5.3	31
92	Identification of a Key Amino Acid of LuxS Involved in AI-2 Production in Campylobacter jejuni. PLoS ONE, 2011, 6, e15876.	1.1	31
93	Crystal structure of the Campylobacter jejuni CmeC outer membrane channel. Protein Science, 2014, 23, 954-961.	3.1	30
94	Advances in Campylobacter biology and implications for biotechnological applications. Microbial Biotechnology, 2010, 3, 242-258.	2.0	28
95	Core Genome Multilocus Sequence Typing for Food Animal Source Attribution of Human Campylobacter jejuni Infections. Pathogens, 2020, 9, 532.	1.2	27
96	Molecular Typing ofCampylobacterStrains Using thecmpGene Encoding the Major Outer Membrane Protein. Foodborne Pathogens and Disease, 2005, 2, 12-23.	0.8	26
97	Wide but Variable Distribution of a Hypervirulent Campylobacter jejuni Clone in Beef and Dairy Cattle in the United States. Applied and Environmental Microbiology, 2017, 83, .	1.4	26
98	The Contribution of ArsB to Arsenic Resistance in Campylobacter jejuni. PLoS ONE, 2013, 8, e58894.	1.1	25
99	Mechanisms of Antibiotic Resistance in Campylobacter. , 0, , 263-276.		25
100	First identification of NDM-4-producing Escherichia coli ST410 in China. Emerging Microbes and Infections, 2016, 5, 1-3.	3.0	25
101	Genotypes and Antimicrobial Susceptibility Profiles of Hemolytic Escherichia coli from Diarrheic Piglets. Foodborne Pathogens and Disease, 2019, 16, 94-103.	0.8	24
102	Campylobacter jejuni genotypes are associated with post-infection irritable bowel syndrome in humans. Communications Biology, 2021, 4, 1015.	2.0	24
103	Coupled Phase-Variable Expression and Epitope Masking of Selective Surface Lipoproteins Increase Surface Phenotypic Diversity in Mycoplasma hominis. Infection and Immunity, 2001, 69, 5177-5181.	1.0	23
104	Adaptive mechanisms of Campylobacter jejunito erythromycin treatment. BMC Microbiology, 2013, 13, 133.	1.3	23
105	Identification and functional analysis of two toxinâ€“antitoxin systems in Campylobacter jejuni. Molecular Microbiology, 2016, 101, 909-923.	1.2	23
106	Identification of the Multi-Resistance Gene cfr in Escherichia coli Isolates of Animal Origin. PLoS ONE, 2014, 9, e102378.	1.1	23
107	Constitutive and Inducible Expression of the rRNA Methylase Gene erm (B) in Campylobacter. Antimicrobial Agents and Chemotherapy, 2015, 59, 6661-6664.	1.4	22
108	Dual Repression of the Multidrug Eï¬„ux Pump CmeABC by CosR and CmeR in Campylobacter jejuni. Frontiers in Microbiology, 2016, 7, 1097.	1.5	20

#	Article	IF	Citations
109	RNAseq Reveals Complex Response of Campylobacter jejuni to Ovine Bile and In vivo Gallbladder Environment. Frontiers in Microbiology, 2017, 8, 940.	1.5	20
110	Clonal expansion and horizontal transmission of epidemic F2:A1:B1 plasmids involved in co-spread ofrmtBwithqepAandblaCTX-M-27 in extensively drug-resistantSalmonella entericaserovar Indiana isolates. Journal of Antimicrobial Chemotherapy, 2019, 74, 334-341.	1.3	20
111	Infection-induced antibodies against the major outer membrane protein ofCampylobacter jejunimainly recognize conformational epitopes. FEMS Microbiology Letters, 2007, 272, 137-143.	0.7	19
112	Functional Characterization of a Lipoprotein-Encoding Operon in Campylobacter jejuni. PLoS ONE, 2011, 6, e20084.	1.1	19
113	Synergistic Effects of Anti-CmeA and Anti-CmeB Peptide Nucleic Acids on Sensitizing Campylobacter jejuni to Antibiotics. Antimicrobial Agents and Chemotherapy, 2013, 57, 4575-4577.	1.4	19
114	Identification and characterisation of newCampylobactergroup III phages of animal origin. FEMS Microbiology Letters, 2014, 359, 64-71.	0.7	19
115	Key Role of Capsular Polysaccharide in the Induction of Systemic Infection and Abortion by Hypervirulent Campylobacter jejuni. Infection and Immunity, 2017, 85, .	1.0	19
116	Prevalence of Tetracycline-Resistant Campylobacter in Organic Broilers During a Production Cycle. Avian Diseases, 2008, 52, 487-490.	0.4	17
117	(-)-Î±-Pinene reduces quorum sensing and Campylobacter jejuniÂcolonization in broiler chickens. PLoS ONE, 2020, 15, e0230423.	1.1	17
118	Characterization of multiresistance gene cfr(C) variants in Campylobacter from China. Journal of Antimicrobial Chemotherapy, 2019, 74, 2166-2170.	1.3	16
119	Spontaneous mutation frequency and molecular mechanisms of Shigella flexneri fluoroquinolone resistance under antibiotic selective stress. World Journal of Microbiology and Biotechnology, 2013, 29, 365-371.	1.7	15
120	Identification of a Novel G2073A Mutation in 23S rRNA in Amphenicol-Selected Mutants of Campylobacter jejuni. PLoS ONE, 2014, 9, e94503.	1.1	14
121	Nonculturability Might Underestimate the Occurrence ofCampylobacterin Broiler Litter. Foodborne Pathogens and Disease, 2017, 14, 472-477.	0.8	14
122	Comparison of two commercial ovine Campylobacter vaccines and an experimental bacterin in guinea pigs inoculated with Campylobacter jejuni. American Journal of Veterinary Research, 2011, 72, 799-805.	0.3	13
123	Development of a Loop-Mediated Isothermal Amplification Assay for Rapid, Sensitive and Specific Detection of a <i>Campylobacter jejuni</i> Clone. Journal of Veterinary Medical Science, 2012, 74, 591-596.	0.3	13
124	A single nucleotide change inmutYincreases the emergence of antibiotic-resistantCampylobacter jejunimutants. Journal of Antimicrobial Chemotherapy, 2015, 70, 2739-2748.	1.3	13
125	Lack of Evidence for erm(B) Infiltration Into Erythromycin-Resistant Campylobacter coli and Campylobacter jejuni from Commercial Turkey Production in Eastern North Carolina: A Major Turkey-Growing Region in the United States. Foodborne Pathogens and Disease, 2018, 15, 698-700.	0.8	13
126	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in Campylobacter jejuni. Scientific Reports, 2017, 7, 16973.	1.6	12

#	Article	IF	Citations
127	A zero-inflated Poisson model for insertion tolerance analysis of genes based on Tn-seq data. Bioinformatics, 2016, 32, 1701-1708.	1.8	11
128	Proteomic identification of immunodominant membrane-related antigens in Campylobacter jejuni associated with sheep abortion. Journal of Proteomics, 2014, 99, 111-122.	1.2	9
129	Small Noncoding RNA CjNC110 Influences Motility, Autoagglutination, AI-2 Localization, Hydrogen Peroxide Sensitivity, and Chicken Colonization in Campylobacter jejuni. Infection and Immunity, 2020, 88, .	1.0	9
130	High Prevalence of Fluoroquinolone-Resistant Campylobacter Bacteria in Sheep and Increased Campylobacter Counts in the Bile and Gallbladders of Sheep Medicated with Tetracycline in Feed. Applied and Environmental Microbiology, 2019, 85, .	1.4	8
131	The pathology of natural and experimentally induced Campylobacter jejuni abortion in sheep. Journal of Veterinary Diagnostic Investigation, 2021, 33, 104063872110332.	0.5	8
132	Danofloxacin Treatment Alters the Diversity and Resistome Profile of Gut Microbiota in Calves. Microorganisms, 2021, 9, 2023.	1.6	8
133	Comparisons of plasma and fecal pharmacokinetics of danofloxacin and enrofloxacin in healthy and Mannheimia haemolytica infected calves. Scientific Reports, 2022, 12, 5107.	1.6	8
134	The twin-arginine translocation system: contributions to the pathobiology of Campylobacter jejuni. Future Microbiology, 2011, 6, 1315-1327.	1.0	7
135	Campylobacter jejuni as a cause of canine abortions in the United States. Journal of Veterinary Diagnostic Investigation, 2014, 26, 699-704.	0.5	7
136	A Mutator Phenotype Promoting the Emergence of Spontaneous Oxidative Stress-Resistant Mutants in Campylobacter jejuni. Applied and Environmental Microbiology, 2017, 83, .	1.4	7
137	Methods to Study Antimicrobial Resistance in Campylobacter jejuni. Methods in Molecular Biology, 2017, 1512, 29-42.	0.4	7
138	The Anti-Campylobacter Activity and Mechanisms of Pinocembrin Action. Microorganisms, 2019, 7, 675.	1.6	7
139	Integration of plasmonic heating and onâ€chip temperature sensor for nucleic acid amplification assays. Journal of Biophotonics, 2020, 13, e202000060.	1.1	7
140	Intestinal colonization and acute immune response in commercial turkeys following inoculation with Campylobacter jejuni constructs encoding antibiotic-resistance markers. Veterinary Immunology and Immunopathology, 2019, 210, 6-14.	0.5	6
141	Core Genome MLST for Source Attribution of Campylobacter coli. Frontiers in Microbiology, 2021, 12, 703890.	1.5	6
142	Enrofloxacin Alters Fecal Microbiota and Resistome Irrespective of Its Dose in Calves. Microorganisms, 2021, 9, 2162.	1.6	6
143	Bacillus subtilis PS-216 Spores Supplemented in Broiler Chicken Drinking Water Reduce Campylobacter jejuni Colonization and Increases Weight Gain. Frontiers in Microbiology, 0, 13, .	1.5	6
144	Identification of a nth-Like Gene Encoding an Endonuclease III in Campylobacter jejuni. Frontiers in Microbiology, 2019, 10, 698.	1.5	5

#	Article	IF	Citations
145	A Homologous Bacterin Protects Sheep against Abortion Induced by a Hypervirulent Campylobacter jejuni Clone. Vaccines, 2020, 8, 662.	2.1	5
146	Experimental evaluation of tulathromycin as a treatment for Campylobacter jejuni abortion in pregnant ewes. American Journal of Veterinary Research, 2020, 81, 205-209.	0.3	5
147	Distribution of CRISPR Types in Fluoroquinolone-Resistant Campylobacter jejuni Isolates. Pathogens, 2021, 10, 345.	1.2	5
148	Pharmacokinetics of tulathromycin in pregnant ewes (Ovis aries) challenged with Campylobacter jejuni. PLoS ONE, 2021, 16, e0256862.	1.1	5
149	Effect of Danofloxacin Treatment on the Development of Fluoroquinolone Resistance in Campylobacter jejuni in Calves. Antibiotics, 2022, 11, 531.	1.5	5
150	The Rho-Independent Transcription Terminator for the porA Gene Enhances Expression of the Major Outer Membrane Protein and Campylobacter jejuni Virulence in Abortion Induction. Infection and Immunity, 2019, 87, .	1.0	4
151	Role of metAB in Methionine Metabolism and Optimal Chicken Colonization in Campylobacter jejuni. Infection and Immunity, 2020, 89, .	1.0	4
152	Preliminary structural studies of the transcriptional regulator CmeR fromCampylobacter jejuni. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 34-36.	0.7	3
153	The Acute Host-Response of Turkeys Colonized With Campylobacter coli. Frontiers in Veterinary Science, 2021, 8, 613203.	0.9	3
154	A Cotransformation Method To Identify a Restriction-Modification Enzyme That Reduces Conjugation Efficiency in Campylobacter jejuni. Applied and Environmental Microbiology, 2018, 84, .	1.4	2
155	Antimicrobial Resistance inCampylobacterspp.. , 2018, , 317-330.		2
156	Campylobacter jejuni persistently colonizes gnotobiotic altered Schaedler flora C3H/HeN mice and induces mild colitis. FEMS Microbiology Letters, 2020, 367, .	0.7	2
157	Complete Genome Sequence of Campylobacter hepaticus USA52, Associated with Chicken Spotty Liver Disease. Microbiology Resource Announcements, 2021, 10, .	0.3	2
158	Detection ofCampylobacter. , 0, , 183-194.		2
159	Prevalence and Antimicrobial Resistance of Foodborne Pathogens in Conventional and Organic Livestock Operations. , 0, , 235-246.		1
160	Integration of Nucleic Acid Amplification, Detection, and Melting Curve Analysis for Rapid Genotyping of Antimicrobial Resistance. IEEE Sensors Journal, 2022, 22, 7534-7541.	2.4	1
161	Nrf2 Activation Protects Against Organic Dust and Hydrogen Sulfide Exposure Induced Epithelial Barrier Loss and K. pneumoniae Invasion. Frontiers in Cellular and Infection Microbiology, 2022, 12, 848773.	1.8	1
162	Antibiotic Resistance and Fitness of Enteric Pathogens. , 0, , 283-296.		0

#	Article	IF	Citations
163	Efflux Pumps in Campylobacter: Key Players for Antimicrobial Resistance and Environmental Adaption. , 2016, , 471-487.		0
164	(-)-Î±-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. , 2020, 15, e0230423.		0
165	(-)-Î±-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. , 2020, 15, e0230423.		0
166	(-)-Î±-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. , 2020, 15, e0230423.		0
167	(-)-Î±-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. , 2020, 15, e0230423.		0