Qijing Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165 papers	7,380 citations	48 h-index	81 g-index
170 ext. papers	8,717 ext. citations	5.5 avg, IF	5.79 L-index

#	Paper	IF	Citations
165	CmeABC functions as a multidrug efflux system in Campylobacter jejuni. *Antimicrobial Agents and Chemotherapy*, **2002**, 46, 2124-31	5.9	389
164	Antibiotic resistance in Campylobacter: emergence, transmission and persistence. *Future Microbiology*, **2009**, 4, 189-200	2.9	343
163	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, 541-6	11.5	275
162	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. *Nature Microbiology*, **2017**, 2, 16260	26.6	240
161	Critical role of multidrug efflux pump CmeABC in bile resistance and in vivo colonization of Campylobacter jejuni. *Infection and Immunity*, **2003**, 71, 4250-9	3.7	231
160	Outer membrane proteins: key players for bacterial adaptation in host niches. *Microbes and Infection*, **2002**, 4, 325-31	9.3	200
159	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, 390-4	5.9	182
158	Effect of conventional and organic production practices on the prevalence and antimicrobial resistance of Campylobacter spp. in poultry. *Applied and Environmental Microbiology*, **2006**, 72, 3600-7	4.8	158
157	Bile salts modulate expression of the CmeABC multidrug efflux pump in Campylobacter jejuni. *Journal of Bacteriology*, **2005**, 187, 7417-24	3.5	142
156	CmeR functions as a transcriptional repressor for the multidrug efflux pump CmeABC in Campylobacter jejuni. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 1067-75	5.9	140
155	Mechanisms of fluoroquinolone and macrolide resistance in Campylobacter spp. *Microbes and Infection*, **2006**, 8, 1967-71	9.3	134
154	Effect of Campylobacter-specific maternal antibodies on Campylobacter jejuni colonization in young chickens. *Applied and Environmental Microbiology*, **2003**, 69, 5372-9	4.8	128
153	Campylobacter colonization in poultry: sources of infection and modes of transmission. *Animal Health Research Reviews*, **2002**, 3, 95-105	2.1	128
152	Campylobacter in Poultry: Ecology and Potential Interventions. *Avian Diseases*, **2015**, 59, 185-200	1.6	120
151	Prevalence and antimicrobial resistance of Campylobacter isolates in broilers from China. *Veterinary Microbiology*, **2010**, 144, 133-9	3.3	110
150	Interaction of CmeABC and CmeDEF in conferring antimicrobial resistance and maintaining cell viability in Campylobacter jejuni. *Journal of Antimicrobial Chemotherapy*, **2006**, 57, 52-60	5.1	107
149	First report of the multidrug resistance gene cfr in Enterococcus faecalis of animal origin. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 1650-4	5.9	104

148	Prevalence, antigenic specificity, and bactericidal activity of poultry anti-Campylobacter maternal antibodies. *Applied and Environmental Microbiology*, **2001**, 67, 3951-7	4.8	99
147	Co-transfer of bla and mcr-1 by an IncX3-X4 hybrid plasmid in Escherichia coli. *Nature Microbiology*, **2016**, 1, 16176	26.6	94
146	Emergence of multidrug-resistant Campylobacter species isolates with a horizontally acquired rRNA methylase. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 5405-12	5.9	88
145	Emergence of a tetracycline-resistant Campylobacter jejuni clone associated with outbreaks of ovine abortion in the United States. *Journal of Clinical Microbiology*, **2008**, 46, 1663-71	9.7	88
144	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
143	Identification of New Delhi metallo-□lactamase 1 in Acinetobacter lwoffii of food animal origin. *PLoS ONE*, **2012**, 7, e37152	3.7	86
142	Phenotypic and genotypic evidence for L-fucose utilization by Campylobacter jejuni. *Journal of Bacteriology*, **2011**, 193, 1065-75	3.5	83
141	Distribution of the multidrug resistance gene cfr in Staphylococcus species isolates from swine farms in China. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 1485-90	5.9	80
140	Effect of macrolide usage on emergence of erythromycin-resistant Campylobacter isolates in chickens. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 1678-86	5.9	79
139	Sequence polymorphism, predicted secondary structures, and surface-exposed conformational epitopes of Campylobacter major outer membrane protein. *Infection and Immunity*, **2000**, 68, 5679-89	3.7	78
138	Molecular evidence for zoonotic transmission of an emergent, highly pathogenic Campylobacter jejuni clone in the United States. *Journal of Clinical Microbiology*, **2012**, 50, 680-7	9.7	76
137	Contribution of CmeG to antibiotic and oxidative stress resistance in Campylobacter jejuni. *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 79-85	5.1	75
136	Identification of a novel genomic island conferring resistance to multiple aminoglycoside antibiotics in Campylobacter coli. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 5332-9	5.9	75
135	Comparison of antimicrobial susceptibility testing of Campylobacter spp. by the agar dilution and the agar disk diffusion methods. *Journal of Clinical Microbiology*, **2007**, 45, 590-4	9.7	74
134	Key role of Mfd in the development of fluoroquinolone resistance in Campylobacter jejuni. *PLoS Pathogens*, **2008**, 4, e1000083	7.6	73
133	The Campylobacter jejuni response regulator, CbrR, modulates sodium deoxycholate resistance and chicken colonization. *Journal of Bacteriology*, **2005**, 187, 3662-70	3.5	73
132	High incidence and endemic spread of NDM-1-positive Enterobacteriaceae in Henan Province, China. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4275-82	5.9	70
131	Role of the CmeABC efflux pump in the emergence of fluoroquinolone-resistant Campylobacter under selection pressure. *Journal of Antimicrobial Chemotherapy*, **2006**, 58, 1154-9	5.1	70

130	Report of ribosomal RNA methylase gene erm(B) in multidrug-resistant Campylobacter coli. *Journal of Antimicrobial Chemotherapy*, **2014**, 69, 964-8	5.1	69
129	Transferable multiresistance plasmids carrying cfr in Enterococcus spp. from swine and farm environment. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 42-8	5.9	65
128	Emergence of a plasmid-borne multidrug resistance gene cfr(C) in foodborne pathogen Campylobacter. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1581-1588	5.1	63
127	Antibiotic resistance modulation and modes of action of (-)-β-pinene in Campylobacter jejuni. *PLoS ONE*, **2015**, 10, e0122871	3.7	63
126	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances Campylobacter Resistance to Multiple Antibiotics. *MBio*, **2016**, 7,	7.8	62
125	Spread of oqxAB in Salmonella enterica serotype Typhimurium predominantly by IncHI2 plasmids. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 2263-8	5.1	62
124	Fitness of antimicrobial-resistant Campylobacter and Salmonella. *Microbes and Infection*, **2006**, 8, 1972-8	9.3	60
123	Detection of the staphylococcal multiresistance gene cfr in Proteus vulgaris of food animal origin. *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 2521-6	5.1	58
122	Detection of the staphylococcal multiresistance gene cfr in Escherichia coli of domestic-animal origin. *Journal of Antimicrobial Chemotherapy*, **2012**, 67, 1094-8	5.1	57
121	A novel phenicol exporter gene, fexB, found in enterococci of animal origin. *Journal of Antimicrobial Chemotherapy*, **2012**, 67, 322-5	5.1	57
120	CmeR functions as a pleiotropic regulator and is required for optimal colonization of Campylobacter jejuni in vivo. *Journal of Bacteriology*, **2008**, 190, 1879-90	3.5	54
119	Localized reversible frameshift mutation in an adhesin gene confers a phase-variable adherence phenotype in mycoplasma. *Molecular Microbiology*, **1997**, 25, 859-69	4.1	53
118	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	5.8	50
117	Species shift and multidrug resistance of Campylobacter from chicken and swine, China, 2008-14. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 666-9	5.1	48
116	Antimicrobial resistance in Campylobacter coli isolated from pigs in two provinces of China. *International Journal of Food Microbiology*, **2011**, 146, 94-8	5.8	48
115	Transcriptional regulation of the CmeABC multidrug efflux pump and the KatA catalase by CosR in Campylobacter jejuni. *Journal of Bacteriology*, **2012**, 194, 6883-91	3.5	48
114	Structures and transport dynamics of a Campylobacter jejuni multidrug efflux pump. *Nature Communications*, **2017**, 8, 171	17.4	47
113	Identification of an arsenic resistance and arsenic-sensing system in Campylobacter jejuni. *Applied and Environmental Microbiology*, **2009**, 75, 5064-73	4.8	47

112	Fluoroquinolone-resistant Campylobacter in animal reservoirs: dynamics of development, resistance mechanisms and ecological fitness. *Animal Health Research Reviews*, **2003**, 4, 63-71	2.1	47
111	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, 844-51	4	45
110	Crystal structure of the transcriptional regulator CmeR from Campylobacter jejuni. *Journal of Molecular Biology*, **2007**, 372, 583-93	6.5	44
109	Impaired fitness and transmission of macrolide-resistant Campylobacter jejuni in its natural host. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 1300-8	5.9	41
108	Campylobacter-Associated Diseases in Animals. *Annual Review of Animal Biosciences*, **2017**, 5, 21-42	13.7	40
107	A fluoroquinolone resistance associated mutation in gyrA Affects DNA supercoiling in Campylobacter jejuni. *Frontiers in Cellular and Infection Microbiology*, **2012**, 2, 21	5.9	40
106	Salicylate functions as an efflux pump inducer and promotes the emergence of fluoroquinolone-resistant Campylobacter jejuni mutants. *Applied and Environmental Microbiology*, **2011**, 77, 7128-33	4.8	40
105	Rising fluoroquinolone resistance in Campylobacter isolated from feedlot cattle in the United States. *Scientific Reports*, **2017**, 7, 494	4.9	39
104	Structural and functional analysis of the transcriptional regulator Rv3066 of Mycobacterium tuberculosis. *Nucleic Acids Research*, **2012**, 40, 9340-55	20.1	39
103	Anti-Campylobacter activities and resistance mechanisms of natural phenolic compounds in Campylobacter. *PLoS ONE*, **2012**, 7, e51800	3.7	37
102	Antibiotic resistance trends and mechanisms in the foodborne pathogen, Campylobacter. *Animal Health Research Reviews*, **2017**, 18, 87-98	2.1	36
101	Occurrence and molecular analysis of Campylobacter in wildlife on livestock farms. *Veterinary Microbiology*, **2012**, 157, 369-75	3.3	34
100	Contribution of the multidrug efflux transporter CmeABC to antibiotic resistance in different Campylobacter species. *Foodborne Pathogens and Disease*, **2010**, 7, 77-83	3.8	34
99	Sensitization of Campylobacter jejuni to fluoroquinolone and macrolide antibiotics by antisense inhibition of the CmeABC multidrug efflux transporter. *Journal of Antimicrobial Chemotherapy*, **2009**, 63, 946-8	5.1	34
98	Role of Cj1211 in natural transformation and transfer of antibiotic resistance determinants in Campylobacter jejuni. *Antimicrobial Agents and Chemotherapy*, **2008**, 52, 2699-708	5.9	34
97	Heterogeneous and Flexible Transmission of in Hospital-Associated Escherichia coli. *MBio*, **2018**, 9,	7.8	33
96	Mutational and transcriptomic changes involved in the development of macrolide resistance in Campylobacter jejuni. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 1369-78	5.9	33
95	Functional characterization of the twin-arginine translocation system in Campylobacter jejuni. *Foodborne Pathogens and Disease*, **2009**, 6, 935-45	3.8	33

94	Pathogenicity of an emergent, ovine abortifacient Campylobacter jejuni clone orally inoculated into pregnant guinea pigs. *American Journal of Veterinary Research*, **2009**, 70, 1269-76	1.1	33
93	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, 10690-5	11.5	33
92	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, 6601-4	5.9	32
91	Antimicrobial Resistance in spp. *Microbiology Spectrum*, **2018**, 6,	8.9	30
90	Roles of lipooligosaccharide and capsular polysaccharide in antimicrobial resistance and natural transformation of Campylobacter jejuni. *Journal of Antimicrobial Chemotherapy*, **2009**, 63, 462-8	5.1	30
89	Crystal structures of CmeR-bile acid complexes from Campylobacter jejuni. *Protein Science*, **2011**, 20, 712-23	6.3	29
88	The new genetic environment of cfr on plasmid pBS-02 in a Bacillus strain. *Journal of Antimicrobial Chemotherapy*, **2011**, 66, 1174-5	5.1	29
87	High Prevalence and Predominance of the Gene Conferring Aminoglycoside Resistance in Campylobacter. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	27
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, 263-8	14.3	27
85	Multi-omics approaches to deciphering a hypervirulent strain of Campylobacter jejuni. *Genome Biology and Evolution*, **2013**, 5, 2217-30	3.9	27
84	Efflux pumps of the resistance-nodulation-division family: a perspective of their structure, function, and regulation in gram-negative bacteria. *Advances in Enzymology and Related Areas of Molecular Biology*, **2011**, 77, 109-46		27
83	Cj0011c, a periplasmic single- and double-stranded DNA-binding protein, contributes to natural transformation in Campylobacter jejuni. *Journal of Bacteriology*, **2007**, 189, 7399-407	3.5	27
82	Efflux Pump Overexpression Contributes to Tigecycline Heteroresistance in serovar Typhimurium. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 37	5.9	26
81	Identification of a novel membrane transporter mediating resistance to organic arsenic in Campylobacter jejuni. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 2021-9	5.9	26
80	Critical role of LuxS in the virulence of Campylobacter jejuni in a guinea pig model of abortion. *Infection and Immunity*, **2012**, 80, 585-93	3.7	26
79	Molecular typing of Campylobacter strains using the cmp gene encoding the major outer membrane protein. *Foodborne Pathogens and Disease*, **2005**, 2, 12-23	3.8	25
78	Crystal structure of the Campylobacter jejuni CmeC outer membrane channel. *Protein Science*, **2014**, 23, 954-61	6.3	23
77	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, 1853-61	9.7	23

76	Advances in Campylobacter biology and implications for biotechnological applications. *Microbial Biotechnology*, **2010**, 3, 242-58	6.3	23
75	Identification of a key amino acid of LuxS involved in AI-2 production in Campylobacter jejuni. *PLoS ONE*, **2011**, 6, e15876	3.7	23
74	First identification of NDM-4-producing Escherichia coli ST410 in China. *Emerging Microbes and Infections*, **2016**, 5, e118	18.9	22
73	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, 375-80	5.1	22
72	Genetic Basis and Functional Consequences of Differential Expression of the CmeABC Efflux Pump in Campylobacter jejuni Isolates. *PLoS ONE*, **2015**, 10, e0131534	3.7	21
71	Adaptive mechanisms of Campylobacter jejuni to erythromycin treatment. *BMC Microbiology*, **2013**, 13, 133	4.5	20
70	Coupled phase-variable expression and epitope masking of selective surface lipoproteins increase surface phenotypic diversity in Mycoplasma hominis. *Infection and Immunity*, **2001**, 69, 5177-81	3.7	20
69	Identification and characterisation of new Campylobacter group III phages of animal origin. *FEMS Microbiology Letters*, **2014**, 359, 64-71	2.9	18
68	Infection-induced antibodies against the major outer membrane protein of Campylobacter jejuni mainly recognize conformational epitopes. *FEMS Microbiology Letters*, **2007**, 272, 137-43	2.9	18
67	Identification of the multi-resistance gene cfr in Escherichia coli isolates of animal origin. *PLoS ONE*, **2014**, 9, e102378	3.7	18
66	Genotypes and Antimicrobial Susceptibility Profiles of Hemolytic Escherichia coli from Diarrheic Piglets. *Foodborne Pathogens and Disease*, **2019**, 16, 94-103	3.8	17
65	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,	4.8	16
64	New and alternative strategies for the prevention, control, and treatment of antibiotic-resistant Campylobacter. *Translational Research*, **2020**, 223, 76-88	11	16
63	The contribution of ArsB to arsenic resistance in Campylobacter jejuni. *PLoS ONE*, **2013**, 8, e58894	3.7	16
62	Mechanisms of Antibiotic Resistance in Campylobacter **2014**, 263-276		15
61	Functional characterization of a lipoprotein-encoding operon in Campylobacter jejuni. *PLoS ONE*, **2011**, 6, e20084	3.7	15
60	Prevalence of tetracycline-resistant Campylobacter in organic broilers during a production cycle. *Avian Diseases*, **2008**, 52, 487-90	1.6	15
59	Spontaneous mutation frequency and molecular mechanisms of Shigella flexneri fluoroquinolone resistance under antibiotic selective stress. *World Journal of Microbiology and Biotechnology*, **2013**, 29, 365-71	4.4	13

58	Constitutive and Inducible Expression of the rRNA Methylase Gene erm(B) in Campylobacter. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 6661-4	5.9	12
57	Identification of a novel G2073A mutation in 23S rRNA in amphenicol-selected mutants of Campylobacter jejuni. *PLoS ONE*, **2014**, 9, e94503	3.7	12
56	Development of a loop-mediated isothermal amplification assay for rapid, sensitive and specific detection of a Campylobacter jejuni clone. *Journal of Veterinary Medical Science*, **2012**, 74, 591-6	1.1	12
55	An IoT-enabled paper sensor platform for real-time analysis of isothermal nucleic acid amplification tests. *Biosensors and Bioelectronics*, **2020**, 169, 112651	11.8	12
54	Clonal expansion and horizontal transmission of epidemic F2:A1:B1 plasmids involved in co-spread of rmtB with qepA and blaCTX-M-27 in extensively drug-resistant Salmonella enterica serovar Indiana isolates. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 334-341	5.1	12
53	Key Role of Capsular Polysaccharide in the Induction of Systemic Infection and Abortion by Hypervirulent Campylobacter jejuni. *Infection and Immunity*, **2017**, 85,	3.7	11
52	RNAseq Reveals Complex Response of to Ovine Bile and Gallbladder Environment. *Frontiers in Microbiology*, **2017**, 8, 940	5.7	11
51	Synergistic effects of anti-CmeA and anti-CmeB peptide nucleic acids on sensitizing Campylobacter jejuni to antibiotics. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 4575-7	5.9	11
50	Identification and functional analysis of two toxin-antitoxin systems in Campylobacter jejuni. *Molecular Microbiology*, **2016**, 101, 909-23	4.1	11
49	Dual Repression of the Multidrug E□x Pump CmeABC by CosR and CmeR in Campylobacter jejuni. *Frontiers in Microbiology*, **2016**, 7, 1097	5.7	10
48	Characterization of multiresistance gene cfr(C) variants in Campylobacter from China. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 2166-2170	5.1	9
47	A single nucleotide change in mutY increases the emergence of antibiotic-resistant Campylobacter jejuni mutants. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2739-48	5.1	9
46	A zero-inflated Poisson model for insertion tolerance analysis of genes based on Tn-seq data. *Bioinformatics*, **2016**, 32, 1701-8	7.2	9
45	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	1.1	9
44	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	3.8	9
43	Campylobacteriosis **2013**, 737-750		8
42	Core Genome Multilocus Sequence Typing for Food Animal Source Attribution of Human Infections. *Pathogens*, **2020**, 9,	4.5	8
41	Nonculturability Might Underestimate the Occurrence of Campylobacter in Broiler Litter. *Foodborne Pathogens and Disease*, **2017**, 14, 472-477	3.8	7

40	The twin-arginine translocation system: contributions to the pathobiology of Campylobacter jejuni. *Future Microbiology*, **2011**, 6, 1315-27	2.9	7
39	(-)-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. *PLoS ONE*, **2020**, 15, e0230423	3.7	6
38	Proteomic identification of immunodominant membrane-related antigens in Campylobacter jejuni associated with sheep abortion. *Journal of Proteomics*, **2014**, 99, 111-22	3.9	6
37	Campylobacter jejuni genotypes are associated with post-infection irritable bowel syndrome in humans. *Communications Biology*, **2021**, 4, 1015	6.7	6
36	A Mutator Phenotype Promoting the Emergence of Spontaneous Oxidative Stress-Resistant Mutants in Campylobacter jejuni. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	5
35	Small Noncoding RNA CjNC110 Influences Motility, Autoagglutination, AI-2 Localization, Hydrogen Peroxide Sensitivity, and Chicken Colonization in Campylobacter jejuni. *Infection and Immunity*, **2020**, 88,	3.7	5
34	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in Campylobacter jejuni. *Scientific Reports*, **2017**, 7, 16973	4.9	5
33	Campylobacter jejuni as a cause of canine abortions in the United States. *Journal of Veterinary Diagnostic Investigation*, **2014**, 26, 699-704	1.5	5
32	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	2	4
31	High Prevalence of Fluoroquinolone-Resistant Bacteria in Sheep and Increased Counts in the Bile and Gallbladders of Sheep Medicated with Tetracycline in Feed. *Applied and Environmental Microbiology*, **2019**, 85,	4.8	4
30	The Anti- Activity and Mechanisms of Pinocembrin Action. *Microorganisms*, **2019**, 7,	4.9	4
29	Integration of plasmonic heating and on-chip temperature sensor for nucleic acid amplification assays. *Journal of Biophotonics*, **2020**, 13, e202000060	3.1	3
28	Experimental evaluation of tulathromycin as a treatment for abortion in pregnant ewes. *American Journal of Veterinary Research*, **2020**, 81, 205-209	1.1	3
27	Methods to Study Antimicrobial Resistance in Campylobacter jejuni. *Methods in Molecular Biology*, **2017**, 1512, 29-42	1.4	3
26	Preliminary structural studies of the transcriptional regulator CmeR from Campylobacter jejuni. *Acta Crystallographica Section F: Structural Biology Communications*, **2007**, 63, 34-6		3
25	Campylobacteriosis **2020**, 754-769		3
24	The Rho-Independent Transcription Terminator for the Gene Enhances Expression of the Major Outer Membrane Protein and Campylobacter jejuni Virulence in Abortion Induction. *Infection and Immunity*, **2019**, 87,	3.7	2
23	Identification of a -Like Gene Encoding an Endonuclease III in. *Frontiers in Microbiology*, **2019**, 10, 698	5.7	2

22	Role of in Methionine Metabolism and Optimal Chicken Colonization in Campylobacter jejuni. *Infection and Immunity*, **2020**, 89,	3.7	2
21	Enrofloxacin Alters Fecal Microbiota and Resistome Irrespective of Its Dose in Calves. *Microorganisms*, **2021**, 9,	4.9	2
20	A Cotransformation Method To Identify a Restriction-Modification Enzyme That Reduces Conjugation Efficiency in Campylobacter jejuni. *Applied and Environmental Microbiology*, **2018**, 84,	4.8	2
19	Antimicrobial Resistance in Campylobacter spp. **2018**, 317-330		2
18	Danofloxacin Treatment Alters the Diversity and Resistome Profile of Gut Microbiota in Calves. *Microorganisms*, **2021**, 9,	4.9	2
17	Detection of Campylobacter183-194		2
16	A Homologous Bacterin Protects Sheep against Abortion Induced by a Hypervirulent Clone. *Vaccines*, **2020**, 8,	5.3	1
15	Campylobacter jejuni persistently colonizes gnotobiotic altered Schaedler flora C3H/HeN mice and induces mild colitis. *FEMS Microbiology Letters*, **2020**, 367,	2.9	1
14	Distribution of CRISPR Types in Fluoroquinolone-Resistant Isolates. *Pathogens*, **2021**, 10,	4.5	1
13	The pathology of natural and experimentally induced abortion in sheep. *Journal of Veterinary Diagnostic Investigation*, **2021**, 33, 1096-1105	1.5	1
12	Core Genome MLST for Source Attribution of. *Frontiers in Microbiology*, **2021**, 12, 703890	5.7	1
11	Pharmacokinetics of tulathromycin in pregnant ewes (Ovis aries) challenged with Campylobacter jejuni. *PLoS ONE*, **2021**, 16, e0256862	3.7	1
10	Nrf2 Activation Protects Against Organic Dust and Hydrogen Sulfide Exposure Induced Epithelial Barrier Loss and Invasion.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 848773	5.9	1
9	The Acute Host-Response of Turkeys Colonized With. *Frontiers in Veterinary Science*, **2021**, 8, 613203	3.1	0
8	Comparisons of plasma and fecal pharmacokinetics of danofloxacin and enrofloxacin in healthy and Mannheimia haemolytica infected calves.. *Scientific Reports*, **2022**, 12, 5107	4.9	0
7	Efflux Pumps in Campylobacter: Key Players for Antimicrobial Resistance and Environmental Adaption **2016**, 471-487		
6	Antibiotic Resistance and Fitness of Enteric Pathogens **2014**, 283-296		
5	Integration of Nucleic Acid Amplification, Detection, and Melting Curve Analysis for Rapid Genotyping of Antimicrobial Resistance. *IEEE Sensors Journal*, **2022**, 1-1	4	

List of Publications

4 (-)-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens **2020** , 15, e0230423

3 (-)-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens **2020** , 15, e0230423

2 (-)-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens **2020** , 15, e0230423

1 (-)-Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens **2020** , 15, e0230423