

Qijing Zhang

List of Publications by Year in Descending Order

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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	Integration of Nucleic Acid Amplification, Detection, and Melting Curve Analysis for Rapid Genotyping of Antimicrobial Resistance. <i>IEEE Sensors Journal</i> , 2022 , 1-1	4	0
164	Comparisons of plasma and fecal pharmacokinetics of danofloxacin and enrofloxacin in healthy and Mannheimia haemolytica infected calves.. <i>Scientific Reports</i> , 2022 , 12, 5107	4.9	0
163	Nrf2 Activation Protects Against Organic Dust and Hydrogen Sulfide Exposure Induced Epithelial Barrier Loss and Invasion.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 848773	5.9	1
162	Enrofloxacin Alters Fecal Microbiota and Resistome Irrespective of Its Dose in Calves. <i>Microorganisms</i> , 2021 , 9,	4.9	2
161	Distribution of CRISPR Types in Fluoroquinolone-Resistant Isolates. <i>Pathogens</i> , 2021 , 10,	4.5	1
160	The Acute Host-Response of Turkeys Colonized With. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 613203	3.1	0
159	The pathology of natural and experimentally induced abortion in sheep. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021 , 33, 1096-1105	1.5	1
158	Core Genome MLST for Source Attribution of. <i>Frontiers in Microbiology</i> , 2021 , 12, 703890	5.7	1
157	Campylobacter jejuni genotypes are associated with post-infection irritable bowel syndrome in humans. <i>Communications Biology</i> , 2021 , 4, 1015	6.7	6
156	Pharmacokinetics of tulathromycin in pregnant ewes (Ovis aries) challenged with Campylobacter jejuni. <i>PLoS ONE</i> , 2021 , 16, e0256862	3.7	1
155	Danofloxacin Treatment Alters the Diversity and Resistome Profile of Gut Microbiota in Calves. <i>Microorganisms</i> , 2021 , 9,	4.9	2
154	New and alternative strategies for the prevention, control, and treatment of antibiotic-resistant Campylobacter. <i>Translational Research</i> , 2020 , 223, 76-88	11	16
153	Small Noncoding RNA CjNC110 Influences Motility, Autoagglutination, AI-2 Localization, Hydrogen Peroxide Sensitivity, and Chicken Colonization in Campylobacter jejuni. <i>Infection and Immunity</i> , 2020 , 88,	3.7	5
152	Integration of plasmonic heating and on-chip temperature sensor for nucleic acid amplification assays. <i>Journal of Biophotonics</i> , 2020 , 13, e202000060	3.1	3
151	Experimental evaluation of tulathromycin as a treatment for abortion in pregnant ewes. <i>American Journal of Veterinary Research</i> , 2020 , 81, 205-209	1.1	3
150	(-)- α -Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens. <i>PLoS ONE</i> , 2020 , 15, e0230423	3.7	6
149	Role of in Methionine Metabolism and Optimal Chicken Colonization in Campylobacter jejuni. <i>Infection and Immunity</i> , 2020 , 89,	3.7	2

148	Campylobacteriosis 2020 , 754-769		3
147	An IoT-enabled paper sensor platform for real-time analysis of isothermal nucleic acid amplification tests. <i>Biosensors and Bioelectronics</i> , 2020 , 169, 112651	11.8	12
146	A Homologous Bacterin Protects Sheep against Abortion Induced by a Hypervirulent Clone. <i>Vaccines</i> , 2020 , 8,	5.3	1
145	Core Genome Multilocus Sequence Typing for Food Animal Source Attribution of Human Infections. <i>Pathogens</i> , 2020 , 9,	4.5	8
144	Campylobacter jejuni persistently colonizes gnotobiotic altered Schaedler flora C3H/HeN mice and induces mild colitis. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	1
143	(-)- α -Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens 2020 , 15, e0230423		
142	(-)- α -Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens 2020 , 15, e0230423		
141	(-)- α -Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens 2020 , 15, e0230423		
140	(-)- α -Pinene reduces quorum sensing and Campylobacter jejuni colonization in broiler chickens 2020 , 15, e0230423		
139	The Rho-Independent Transcription Terminator for the Gene Enhances Expression of the Major Outer Membrane Protein and Campylobacter jejuni Virulence in Abortion Induction. <i>Infection and Immunity</i> , 2019 , 87,	3.7	2
138	Genotypes and Antimicrobial Susceptibility Profiles of Hemolytic Escherichia coli from Diarrheic Piglets. <i>Foodborne Pathogens and Disease</i> , 2019 , 16, 94-103	3.8	17
137	Characterization of multiresistance gene cfr(C) variants in Campylobacter from China. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2166-2170	5.1	9
136	Identification of a -Like Gene Encoding an Endonuclease III in. <i>Frontiers in Microbiology</i> , 2019 , 10, 698	5.7	2
135	Intestinal colonization and acute immune response in commercial turkeys following inoculation with Campylobacter jejuni constructs encoding antibiotic-resistance markers. <i>Veterinary Immunology and Immunopathology</i> , 2019 , 210, 6-14	2	4
134	High Prevalence of Fluoroquinolone-Resistant Bacteria in Sheep and Increased Counts in the Bile and Gallbladders of Sheep Medicated with Tetracycline in Feed. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	4
133	The Anti- Activity and Mechanisms of Pinocembrin Action. <i>Microorganisms</i> , 2019 , 7,	4.9	4
132	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. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 334-341	5.1	12
131	Antimicrobial Resistance in spp. <i>Microbiology Spectrum</i> , 2018 , 6,	8.9	30

130	Heterogeneous and Flexible Transmission of in Hospital-Associated Escherichia coli. <i>MBio</i> , 2018 , 9,	7.8	33
129	Anthropogenic and environmental factors associated with high incidence of mcr-1 carriage in humans across China. <i>Nature Microbiology</i> , 2018 , 3, 1054-1062	26.6	87
128	A Cotransformation Method To Identify a Restriction-Modification Enzyme That Reduces Conjugation Efficiency in Campylobacter jejuni. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	2
127	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. <i>Foodborne Pathogens and Disease</i> , 2018 , 15, 698-700	3.8	9
126	Antimicrobial Resistance in Campylobacter spp. 2018 , 317-330		2
125	High Prevalence and Predominance of the Gene Conferring Aminoglycoside Resistance in Campylobacter. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	27
124	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. <i>Nature Microbiology</i> , 2017 , 2, 16260	26.6	240
123	Emergence of a plasmid-borne multidrug resistance gene cfr(C) in foodborne pathogen Campylobacter. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1581-1588	5.1	63
122	Key Role of Capsular Polysaccharide in the Induction of Systemic Infection and Abortion by Hypervirulent Campylobacter jejuni. <i>Infection and Immunity</i> , 2017 , 85,	3.7	11
121	Rising fluoroquinolone resistance in Campylobacter isolated from feedlot cattle in the United States. <i>Scientific Reports</i> , 2017 , 7, 494	4.9	39
120	Wide but Variable Distribution of a Hypervirulent Campylobacter jejuni Clone in Beef and Dairy Cattle in the United States. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	16
119	A Mutator Phenotype Promoting the Emergence of Spontaneous Oxidative Stress-Resistant Mutants in Campylobacter jejuni. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	5
118	Structures and transport dynamics of a Campylobacter jejuni multidrug efflux pump. <i>Nature Communications</i> , 2017 , 8, 171	17.4	47
117	Antibiotic resistance trends and mechanisms in the foodborne pathogen, Campylobacter. <i>Animal Health Research Reviews</i> , 2017 , 18, 87-98	2.1	36
116	Nonculturability Might Underestimate the Occurrence of Campylobacter in Broiler Litter. <i>Foodborne Pathogens and Disease</i> , 2017 , 14, 472-477	3.8	7
115	Campylobacter-Associated Diseases in Animals. <i>Annual Review of Animal Biosciences</i> , 2017 , 5, 21-42	13.7	40
114	Methods to Study Antimicrobial Resistance in Campylobacter jejuni. <i>Methods in Molecular Biology</i> , 2017 , 1512, 29-42	1.4	3
113	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in Campylobacter jejuni. <i>Scientific Reports</i> , 2017 , 7, 16973	4.9	5

112	Efflux Pump Overexpression Contributes to Tigecycline Heteroresistance in serovar Typhimurium. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 37	5.9	26
111	RNAseq Reveals Complex Response of to Ovine Bile and Gallbladder Environment. <i>Frontiers in Microbiology</i> , 2017 , 8, 940	5.7	11
110	First identification of NDM-4-producing Escherichia coli ST410 in China. <i>Emerging Microbes and Infections</i> , 2016 , 5, e118	18.9	22
109	Emergence of a Potent Multidrug Efflux Pump Variant That Enhances Campylobacter Resistance to Multiple Antibiotics. <i>MBio</i> , 2016 , 7,	7.8	62
108	Co-transfer of bla and mcr-1 by an IncX3-X4 hybrid plasmid in Escherichia coli. <i>Nature Microbiology</i> , 2016 , 1, 16176	26.6	94
107	Efflux Pumps in Campylobacter: Key Players for Antimicrobial Resistance and Environmental Adaption 2016 , 471-487		
106	A zero-inflated Poisson model for insertion tolerance analysis of genes based on Tn-seq data. <i>Bioinformatics</i> , 2016 , 32, 1701-8	7.2	9
105	Species shift and multidrug resistance of Campylobacter from chicken and swine, China, 2008-14. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 666-9	5.1	48
104	Dual Repression of the Multidrug Efflux Pump CmeABC by CosR and CmeR in Campylobacter jejuni. <i>Frontiers in Microbiology</i> , 2016 , 7, 1097	5.7	10
103	Identification and functional analysis of two toxin-antitoxin systems in Campylobacter jejuni. <i>Molecular Microbiology</i> , 2016 , 101, 909-23	4.1	11
102	Point mutations in the major outer membrane protein drive hypervirulence of a rapidly expanding clone of Campylobacter jejuni. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10690-5	11.5	33
101	Emergence of Extensively Drug-Resistant Proteus mirabilis Harboring a Conjugative NDM-1 Plasmid and a Novel Salmonella Genomic Island 1 Variant, SGI1-Z. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 6601-4	5.9	32
100	Campylobacter in Poultry: Ecology and Potential Interventions. <i>Avian Diseases</i> , 2015 , 59, 185-200	1.6	120
99	Constitutive and Inducible Expression of the rRNA Methylase Gene erm(B) in Campylobacter. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 6661-4	5.9	12
98	A single nucleotide change in mutY increases the emergence of antibiotic-resistant Campylobacter jejuni mutants. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2739-48	5.1	9
97	Antibiotic resistance modulation and modes of action of (-)-Epinene in Campylobacter jejuni. <i>PLoS ONE</i> , 2015 , 10, e0122871	3.7	63
96	Genetic Basis and Functional Consequences of Differential Expression of the CmeABC Efflux Pump in Campylobacter jejuni Isolates. <i>PLoS ONE</i> , 2015 , 10, e0131534	3.7	21
95	Report of ribosomal RNA methylase gene erm(B) in multidrug-resistant Campylobacter coli. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 964-8	5.1	69

94	Crystal structure of the Campylobacter jejuni CmeC outer membrane channel. <i>Protein Science</i> , 2014 , 23, 954-61	6.3	23
93	High incidence and endemic spread of NDM-1-positive Enterobacteriaceae in Henan Province, China. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4275-82	5.9	70
92	Co-spread of oqxAB and blaCTX-M-9G in non-Typhi Salmonella enterica isolates mediated by ST2-IncHI2 plasmids. <i>International Journal of Antimicrobial Agents</i> , 2014 , 44, 263-8	14.3	27
91	Proteomic identification of immunodominant membrane-related antigens in Campylobacter jejuni associated with sheep abortion. <i>Journal of Proteomics</i> , 2014 , 99, 111-22	3.9	6
90	Genetic diversity and antimicrobial susceptibility of Campylobacter jejuni isolates associated with sheep abortion in the United States and Great Britain. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 1853-61	9.7	23
89	Tracking Campylobacter contamination along a broiler chicken production chain from the farm level to retail in China. <i>International Journal of Food Microbiology</i> , 2014 , 181, 77-84	5.8	50
88	Target optimization for peptide nucleic acid (PNA)-mediated antisense inhibition of the CmeABC multidrug efflux pump in Campylobacter jejuni. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 375-80	5.1	22
87	Antibiotic Resistance and Fitness of Enteric Pathogens 2014 , 283-296		
86	Mechanisms of Antibiotic Resistance in Campylobacter 2014 , 263-276		15
85	Identification of a novel G2073A mutation in 23S rRNA in amphenicol-selected mutants of Campylobacter jejuni. <i>PLoS ONE</i> , 2014 , 9, e94503	3.7	12
84	Identification and characterisation of new Campylobacter group III phages of animal origin. <i>FEMS Microbiology Letters</i> , 2014 , 359, 64-71	2.9	18
83	Campylobacter jejuni as a cause of canine abortions in the United States. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014 , 26, 699-704	1.5	5
82	Emergence of multidrug-resistant Campylobacter species isolates with a horizontally acquired rRNA methylase. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5405-12	5.9	88
81	Identification of a novel membrane transporter mediating resistance to organic arsenic in Campylobacter jejuni. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2021-9	5.9	26
80	Identification of the multi-resistance gene cfr in Escherichia coli isolates of animal origin. <i>PLoS ONE</i> , 2014 , 9, e102378	3.7	18
79	Adaptive mechanisms of Campylobacter jejuni to erythromycin treatment. <i>BMC Microbiology</i> , 2013 , 13, 133	4.5	20
78	Spontaneous mutation frequency and molecular mechanisms of Shigella flexneri fluoroquinolone resistance under antibiotic selective stress. <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 365-71	4.4	13
77	Multi-omics approaches to deciphering a hypervirulent strain of Campylobacter jejuni. <i>Genome Biology and Evolution</i> , 2013 , 5, 2217-30	3.9	27

76	Transferable multiresistance plasmids carrying cfr in <i>Enterococcus</i> spp. from swine and farm environment. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 42-8	5.9	65
75	Mutational and transcriptomic changes involved in the development of macrolide resistance in <i>Campylobacter jejuni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1369-78	5.9	33
74	Spread of oqxAB in <i>Salmonella enterica</i> serotype Typhimurium predominantly by IncHI2 plasmids. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2263-8	5.1	62
73	Synergistic effects of anti-CmeA and anti-CmeB peptide nucleic acids on sensitizing <i>Campylobacter jejuni</i> to antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4575-7	5.9	11
72	<i>Campylobacteriosis</i> 2013 , 737-750		8
71	The contribution of ArsB to arsenic resistance in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2013 , 8, e58894	3.7	16
70	Occurrence and molecular analysis of <i>Campylobacter</i> in wildlife on livestock farms. <i>Veterinary Microbiology</i> , 2012 , 157, 369-75	3.3	34
69	Identification of New Delhi metallo- β -lactamase 1 in <i>Acinetobacter lwoffii</i> of food animal origin. <i>PLoS ONE</i> , 2012 , 7, e37152	3.7	86
68	A fluoroquinolone resistance associated mutation in gyrA Affects DNA supercoiling in <i>Campylobacter jejuni</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2012 , 2, 21	5.9	40
67	Identification of a novel genomic island conferring resistance to multiple aminoglycoside antibiotics in <i>Campylobacter coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5332-9	5.9	75
66	Molecular evidence for zoonotic transmission of an emergent, highly pathogenic <i>Campylobacter jejuni</i> clone in the United States. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 680-7	9.7	76
65	Detection of the staphylococcal multiresistance gene cfr in <i>Escherichia coli</i> of domestic-animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1094-8	5.1	57
64	Critical role of LuxS in the virulence of <i>Campylobacter jejuni</i> in a guinea pig model of abortion. <i>Infection and Immunity</i> , 2012 , 80, 585-93	3.7	26
63	Impaired fitness and transmission of macrolide-resistant <i>Campylobacter jejuni</i> in its natural host. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1300-8	5.9	41
62	Anti- <i>Campylobacter</i> activities and resistance mechanisms of natural phenolic compounds in <i>Campylobacter</i> . <i>PLoS ONE</i> , 2012 , 7, e51800	3.7	37
61	Structural and functional analysis of the transcriptional regulator Rv3066 of <i>Mycobacterium tuberculosis</i> . <i>Nucleic Acids Research</i> , 2012 , 40, 9340-55	20.1	39
60	Distribution of the multidrug resistance gene cfr in <i>Staphylococcus</i> species isolates from swine farms in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1485-90	5.9	80
59	First report of the multidrug resistance gene cfr in <i>Enterococcus faecalis</i> of animal origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1650-4	5.9	104

58	Transcriptional regulation of the CmeABC multidrug efflux pump and the KatA catalase by CosR in <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2012 , 194, 6883-91	3.5	48
57	A novel phenicol exporter gene, <i>fexB</i> , found in enterococci of animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 322-5	5.1	57
56	Development of a loop-mediated isothermal amplification assay for rapid, sensitive and specific detection of a <i>Campylobacter jejuni</i> clone. <i>Journal of Veterinary Medical Science</i> , 2012 , 74, 591-6	1.1	12
55	Functional characterization of a lipoprotein-encoding operon in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2011 , 6, e20084	3.7	15
54	Antimicrobial resistance in <i>Campylobacter coli</i> isolated from pigs in two provinces of China. <i>International Journal of Food Microbiology</i> , 2011 , 146, 94-8	5.8	48
53	The twin-arginine translocation system: contributions to the pathobiology of <i>Campylobacter jejuni</i> . <i>Future Microbiology</i> , 2011 , 6, 1315-27	2.9	7
52	Crystal structures of CmeR-bile acid complexes from <i>Campylobacter jejuni</i> . <i>Protein Science</i> , 2011 , 20, 712-23	6.3	29
51	Comparison of two commercial ovine <i>Campylobacter</i> vaccines and an experimental bacterin in guinea pigs inoculated with <i>Campylobacter jejuni</i> . <i>American Journal of Veterinary Research</i> , 2011 , 72, 799-805	1.1	9
50	Efflux pumps of the resistance-nodulation-division family: a perspective of their structure, function, and regulation in gram-negative bacteria. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011 , 77, 109-46		27
49	Phenotypic and genotypic evidence for L-fucose utilization by <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 1065-75	3.5	83
48	Detection of the staphylococcal multiresistance gene <i>cfr</i> in <i>Proteus vulgaris</i> of food animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2521-6	5.1	58
47	Contribution of CmeG to antibiotic and oxidative stress resistance in <i>Campylobacter jejuni</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 79-85	5.1	75
46	Salicylate functions as an efflux pump inducer and promotes the emergence of fluoroquinolone-resistant <i>Campylobacter jejuni</i> mutants. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7128-33	4.8	40
45	The new genetic environment of <i>cfr</i> on plasmid pBS-02 in a <i>Bacillus</i> strain. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1174-5	5.1	29
44	Identification of a key amino acid of LuxS involved in AI-2 production in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2011 , 6, e15876	3.7	23
43	Contribution of the multidrug efflux transporter CmeABC to antibiotic resistance in different <i>Campylobacter</i> species. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 77-83	3.8	34
42	Prevalence and antimicrobial resistance of <i>Campylobacter</i> isolates in broilers from China. <i>Veterinary Microbiology</i> , 2010 , 144, 133-9	3.3	110
41	Advances in <i>Campylobacter</i> biology and implications for biotechnological applications. <i>Microbial Biotechnology</i> , 2010 , 3, 242-58	6.3	23

40	Functional characterization of the twin-arginine translocation system in <i>Campylobacter jejuni</i> . <i>Foodborne Pathogens and Disease</i> , 2009 , 6, 935-45	3.8	33
39	Sensitization of <i>Campylobacter jejuni</i> to fluoroquinolone and macrolide antibiotics by antisense inhibition of the CmeABC multidrug efflux transporter. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 946-8	5.1	34
38	Identification of an arsenic resistance and arsenic-sensing system in <i>Campylobacter jejuni</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5064-73	4.8	47
37	Pathogenicity of an emergent, ovine abortifacient <i>Campylobacter jejuni</i> clone orally inoculated into pregnant guinea pigs. <i>American Journal of Veterinary Research</i> , 2009 , 70, 1269-76	1.1	33
36	Structures of AcrR and CmeR: insight into the mechanisms of transcriptional repression and multi-drug recognition in the TetR family of regulators. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009 , 1794, 844-51	4	45
35	Roles of lipooligosaccharide and capsular polysaccharide in antimicrobial resistance and natural transformation of <i>Campylobacter jejuni</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 462-8	5.1	30
34	Antibiotic resistance in <i>Campylobacter</i> : emergence, transmission and persistence. <i>Future Microbiology</i> , 2009 , 4, 189-200	2.9	343
33	Emergence of a tetracycline-resistant <i>Campylobacter jejuni</i> clone associated with outbreaks of ovine abortion in the United States. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 1663-71	9.7	88
32	Role of Cj1211 in natural transformation and transfer of antibiotic resistance determinants in <i>Campylobacter jejuni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2699-708	5.9	34
31	CmeR functions as a pleiotropic regulator and is required for optimal colonization of <i>Campylobacter jejuni</i> in vivo. <i>Journal of Bacteriology</i> , 2008 , 190, 1879-90	3.5	54
30	Prevalence of tetracycline-resistant <i>Campylobacter</i> in organic broilers during a production cycle. <i>Avian Diseases</i> , 2008 , 52, 487-90	1.6	15
29	Key role of Mfd in the development of fluoroquinolone resistance in <i>Campylobacter jejuni</i> . <i>PLoS Pathogens</i> , 2008 , 4, e1000083	7.6	73
28	Preliminary structural studies of the transcriptional regulator CmeR from <i>Campylobacter jejuni</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007 , 63, 34-6		3
27	Infection-induced antibodies against the major outer membrane protein of <i>Campylobacter jejuni</i> mainly recognize conformational epitopes. <i>FEMS Microbiology Letters</i> , 2007 , 272, 137-43	2.9	18
26	Comparison of antimicrobial susceptibility testing of <i>Campylobacter</i> spp. by the agar dilution and the agar disk diffusion methods. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 590-4	9.7	74
25	Cj0011c, a periplasmic single- and double-stranded DNA-binding protein, contributes to natural transformation in <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 7399-407	3.5	27
24	Effect of macrolide usage on emergence of erythromycin-resistant <i>Campylobacter</i> isolates in chickens. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1678-86	5.9	79
23	Crystal structure of the transcriptional regulator CmeR from <i>Campylobacter jejuni</i> . <i>Journal of Molecular Biology</i> , 2007 , 372, 583-93	6.5	44

22	Effect of conventional and organic production practices on the prevalence and antimicrobial resistance of <i>Campylobacter</i> spp. in poultry. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3600-7	4.8	158
21	Interaction of CmeABC and CmeDEF in conferring antimicrobial resistance and maintaining cell viability in <i>Campylobacter jejuni</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 57, 52-60	5.1	107
20	Role of the CmeABC efflux pump in the emergence of fluoroquinolone-resistant <i>Campylobacter</i> under selection pressure. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 1154-9	5.1	70
19	Fitness of antimicrobial-resistant <i>Campylobacter</i> and <i>Salmonella</i> . <i>Microbes and Infection</i> , 2006 , 8, 1972-89.3	9.3	60
18	Mechanisms of fluoroquinolone and macrolide resistance in <i>Campylobacter</i> spp. <i>Microbes and Infection</i> , 2006 , 8, 1967-71	9.3	134
17	CmeR functions as a transcriptional repressor for the multidrug efflux pump CmeABC in <i>Campylobacter jejuni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 1067-75	5.9	140
16	The <i>Campylobacter jejuni</i> response regulator, CbrR, modulates sodium deoxycholate resistance and chicken colonization. <i>Journal of Bacteriology</i> , 2005 , 187, 3662-70	3.5	73
15	Molecular typing of <i>Campylobacter</i> strains using the <i>cmp</i> gene encoding the major outer membrane protein. <i>Foodborne Pathogens and Disease</i> , 2005 , 2, 12-23	3.8	25
14	Bile salts modulate expression of the CmeABC multidrug efflux pump in <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2005 , 187, 7417-24	3.5	142
13	Enhanced in vivo fitness of fluoroquinolone-resistant <i>Campylobacter jejuni</i> in the absence of antibiotic selection pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 541-6	11.5	275
12	In vivo selection of <i>Campylobacter</i> isolates with high levels of fluoroquinolone resistance associated with <i>gyrA</i> mutations and the function of the CmeABC efflux pump. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 390-4	5.9	182
11	Effect of <i>Campylobacter</i> -specific maternal antibodies on <i>Campylobacter jejuni</i> colonization in young chickens. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 5372-9	4.8	128
10	Critical role of multidrug efflux pump CmeABC in bile resistance and in vivo colonization of <i>Campylobacter jejuni</i> . <i>Infection and Immunity</i> , 2003 , 71, 4250-9	3.7	231
9	Fluoroquinolone-resistant <i>Campylobacter</i> in animal reservoirs: dynamics of development, resistance mechanisms and ecological fitness. <i>Animal Health Research Reviews</i> , 2003 , 4, 63-71	2.1	47
8	Outer membrane proteins: key players for bacterial adaptation in host niches. <i>Microbes and Infection</i> , 2002 , 4, 325-31	9.3	200
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5	Coupled phase-variable expression and epitope masking of selective surface lipoproteins increase surface phenotypic diversity in <i>Mycoplasma hominis</i> . <i>Infection and Immunity</i> , 2001 , 69, 5177-81	3.7	20

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2	Localized reversible frameshift mutation in an adhesin gene confers a phase-variable adherence phenotype in mycoplasma. <i>Molecular Microbiology</i> , 1997 , 25, 859-69	4.1	53
1	Detection of Campylobacter183-194		2