

Frances M Colles

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.

40
papers

3,842
citations

25
h-index

48
g-index

48
ext. papers

4,573
ext. citations

5.3
avg. IF

4.48
L-index

#	Paper	IF	Citations
40	Sex and virulence in Escherichia coli: an evolutionary perspective. <i>Molecular Microbiology</i> , 2006 , 60, 1136-41	11.51	1426
39	Ribosomal multilocus sequence typing: universal characterization of bacteria from domain to strain. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 1005-1015	2.9	325
38	Comparative genotyping of Campylobacter jejuni by amplified fragment length polymorphism, multilocus sequence typing, and short repeat sequencing: strain diversity, host range, and recombination. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 15-26	9.7	204
37	Molecular characterization of Campylobacter jejuni clones: a basis for epidemiologic investigation. <i>Emerging Infectious Diseases</i> , 2002 , 8, 949-55	10.2	197
36	Sequence typing and comparison of population biology of Campylobacter coli and Campylobacter jejuni. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 340-7	9.7	177
35	Molecular Characterization of Campylobacter jejuni Clones: A Basis for Epidemiologic Investigation. <i>Emerging Infectious Diseases</i> , 2002 , 8, 949-955	10.2	175
34	Host-associated genetic import in Campylobacter jejuni. <i>Emerging Infectious Diseases</i> , 2007 , 13, 267-72	10.2	120
33	Molecular epidemiology of Campylobacter jejuni isolates from wild-bird fecal material in children's playgrounds. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 779-83	4.8	100
32	Progressive genome-wide introgression in agricultural Campylobacter coli. <i>Molecular Ecology</i> , 2013 , 22, 1051-64	5.7	98
31	Host association of Campylobacter genotypes transcends geographic variation. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 5269-77	4.8	90
30	Cryptic ecology among host generalist Campylobacter jejuni in domestic animals. <i>Molecular Ecology</i> , 2014 , 23, 2442-51	5.7	80
29	Marked host specificity and lack of phylogeographic population structure of Campylobacter jejuni in wild birds. <i>Molecular Ecology</i> , 2013 , 22, 1463-72	5.7	71
28	Campylobacter infection of broiler chickens in a free-range environment. <i>Environmental Microbiology</i> , 2008 , 10, 2042-50	5.2	71
27	Niche segregation and genetic structure of Campylobacter jejuni populations from wild and agricultural host species. <i>Molecular Ecology</i> , 2011 , 20, 3484-90	5.7	70
26	Genome-wide association of functional traits linked with Campylobacter jejuni survival from farm to fork. <i>Environmental Microbiology</i> , 2017 , 19, 361-380	5.2	61
25	A longitudinal 6-year study of the molecular epidemiology of clinical campylobacter isolates in Oxfordshire, United Kingdom. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3193-201	9.7	61
24	Evolution of an agriculture-associated disease causing Campylobacter coli clade: evidence from national surveillance data in Scotland. <i>PLoS ONE</i> , 2010 , 5, e15708	3.7	56

23	Dynamics of <i>Campylobacter</i> colonization of a natural host, <i>Sturnus vulgaris</i> (European starling). <i>Environmental Microbiology</i> , 2009 , 11, 258-67	5.2	54
22	Molecular evidence for dissemination of unique <i>Campylobacter jejuni</i> clones in Curaçao, Netherlands Antilles. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 5593-7	9.7	54
21	<i>Campylobacter</i> populations in wild and domesticated Mallard ducks (<i>Anas platyrhynchos</i>). <i>Environmental Microbiology Reports</i> , 2011 , 3, 574-580	3.7	52
20	Influence of the microbiota-gut-brain axis on behavior and welfare in farm animals: A review. <i>Physiology and Behavior</i> , 2019 , 210, 112658	3.5	44
19	Wild bird-associated <i>Campylobacter jejuni</i> isolates are a consistent source of human disease, in Oxfordshire, United Kingdom. <i>Environmental Microbiology Reports</i> , 2015 , 7, 782-8	3.7	41
18	Monitoring chicken flock behaviour provides early warning of infection by human pathogen <i>Campylobacter</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	33
17	Temporal variation and host association in the <i>Campylobacter</i> population in a longitudinal ruminant farm study. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 6579-86	4.8	30
16	Comparison of <i>Campylobacter</i> populations isolated from a free-range broiler flock before and after slaughter. <i>International Journal of Food Microbiology</i> , 2010 , 137, 259-64	5.8	28
15	Evidence for phenotypic plasticity among multihost <i>Campylobacter jejuni</i> and <i>C. coli</i> lineages, obtained using ribosomal multilocus sequence typing and Raman spectroscopy. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 965-73	4.8	19
14	The long-term dynamics of <i>Campylobacter</i> colonizing a free-range broiler breeder flock: an observational study. <i>Environmental Microbiology</i> , 2015 , 17, 938-46	5.2	17
13	The prevalence of <i>Campylobacter</i> amongst a free-range broiler breeder flock was primarily affected by flock age. <i>PLoS ONE</i> , 2011 , 6, e22825	3.7	17
12	Multi-locus sequence types of <i>Campylobacter</i> carried by flies and slugs acquired from local ruminant faeces. <i>Journal of Applied Microbiology</i> , 2010 , 109, 829-38	4.7	16
11	Domestication of <i>Campylobacter jejuni</i> NCTC 11168. <i>Microbial Genomics</i> , 2019 , 5,	4.4	14
10	Reference isolates for the clonal complexes of <i>Campylobacter jejuni</i> . <i>Letters in Applied Microbiology</i> , 2003 , 36, 106-10	2.9	13
9	Where does <i>Campylobacter</i> come from? A molecular odyssey. <i>Advances in Experimental Medicine and Biology</i> , 2010 , 659, 47-56	3.6	9
8	Parallel sequencing of <i>porA</i> reveals a complex pattern of <i>Campylobacter</i> genotypes that differs between broiler and broiler breeder chickens. <i>Scientific Reports</i> , 2019 , 9, 6204	4.9	8
7	A Mathematical Modeling Approach to Uncover Factors Influencing the Spread of in a Flock of Broiler-Breeder Chickens. <i>Frontiers in Microbiology</i> , 2020 , 11, 576646	5.7	4
6	Parallel Sequencing Reveals <i>Campylobacter</i> spp. in Commercial Meat Chickens Less than 8 Days Old. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0106021	4.8	2

- 5 Deep sequencing reveals *Campylobacter* in commercial meat chickens less than 8 days old 1
- 4 A mathematical modelling approach to uncover factors influencing the spread of *Campylobacter* in a flock of chickens 1
- 3 Mechanisms of biodiversity between sequence types in a flock of broiler-breeder chickens.. *Ecology and Evolution*, **2022**, 12, e8651 2.8 1
- 2 *Campylobacter* **2022**, 3-18
- 1 Can good broiler flock welfare prevent colonization by *Campylobacter*?. *Poultry Science*, **2021**, 100, 101430