

# Bonnie L Quigley

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,590  
citations

218381

26  
h-index

197535

49  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3214  
citing authors

#	ARTICLE	IF	CITATIONS
1	The flagellum in bacterial pathogens: For motility and a whole lot more. <i>Seminars in Cell and Developmental Biology</i> , 2015, 46, 91-103.	2.3	275
2	Archaeal habitats “ from the extreme to the ordinary. <i>Canadian Journal of Microbiology</i> , 2006, 52, 73-116.	0.8	214
3	Characterization of the vaginal microbiota of healthy Canadian women through the menstrual cycle. <i>Microbiome</i> , 2014, 2, 23.	4.9	198
4	Identification of genes involved in the biosynthesis and attachment of <i>Methanococcus voltae</i> N-linked glycans: insight into N-linked glycosylation pathways in Archaea. <i>Molecular Microbiology</i> , 2006, 61, 259-268.	1.2	138
5	The vaginal microbiome of pregnant women is less rich and diverse, with lower prevalence of Mollicutes, compared to non-pregnant women. <i>Scientific Reports</i> , 2017, 7, 9212.	1.6	136
6	Detection and quantification of 14 <i>Campylobacter</i> species in pet dogs reveals an increase in species richness in feces of diarrheic animals. <i>BMC Microbiology</i> , 2010, 10, 73.	1.3	119
7	Archaeal Flagella, Bacterial Flagella and Type IV Pili: A Comparison of Genes and Posttranslational Modifications. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2006, 11, 167-191.	1.0	110
8	Systematic deletion analyses of the <i>fla</i> genes in the flagella operon identify several genes essential for proper assembly and function of flagella in the archaeon, <i>Methanococcus maripaludis</i> . <i>Molecular Microbiology</i> , 2007, 66, 596-609.	1.2	100
9	A Study of the Vaginal Microbiome in Healthy Canadian Women Utilizing cpn60-Based Molecular Profiling Reveals Distinct <i>Gardnerella</i> Subgroup Community State Types. <i>PLoS ONE</i> , 2015, 10, e0135620.	1.1	93
10	Development of cpn60-Based Real-Time Quantitative PCR Assays for the Detection of 14 <i>Campylobacter</i> Species and Application to Screening of Canine Fecal Samples. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3055-3061.	1.4	75
11	Seventy Years of Chlamydia Vaccine Research “ Limitations of the Past and Directions for the Future. <i>Frontiers in Microbiology</i> , 2019, 10, 70.	1.5	74
12	Evolution of higher torque in <i>Campylobacter</i> -type bacterial flagellar motors. <i>Scientific Reports</i> , 2018, 8, 97.	1.6	70
13	Characterization of the Upper Respiratory Tract Microbiomes of Patients with Pandemic H1N1 Influenza. <i>PLoS ONE</i> , 2013, 8, e69559.	1.1	67
14	Sweet to the extreme: protein glycosylation in Archaea. <i>Molecular Microbiology</i> , 2008, 68, 1079-1084.	1.2	65
15	Distinct <i>Campylobacter fetus</i> lineages adapted as livestock pathogens and human pathobionts in the intestinal microbiota. <i>Nature Communications</i> , 2017, 8, 1367.	5.8	56
16	Multiple Zoonotic Pathogens Identified in Canine Feces Collected from a Remote Canadian Indigenous Community. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 338-341.	0.6	48
17	Archaeal signal peptidases. <i>Microbiology (United Kingdom)</i> , 2007, 153, 305-314.	0.7	46
18	AgIC and AgIK Are Involved in Biosynthesis and Attachment of Diacetylated Glucuronic Acid to the N-Glycan in <i>Methanococcus voltae</i> . <i>Journal of Bacteriology</i> , 2009, 191, 187-195.	1.0	46

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19	Identification of a Putative Acetyltransferase Gene, MMP0350, Which Affects Proper Assembly of both Flagella and Pili in the Archaeon <i>Methanococcus maripaludis</i> . <i>Journal of Bacteriology</i> , 2008, 190, 5300-5307.	1.0	40
20	Epidemiology of chlamydial infection and disease in a free-ranging koala ( <i>Phascolarctos cinereus</i> ) population. <i>PLoS ONE</i> , 2017, 12, e0190114.	1.1	39
21	Characterization of the Fecal Microbiota of Pigs before and after Inoculation with <i>Brachyspira hampsonii</i> . <i>PLoS ONE</i> , 2014, 9, e106399.	1.1	38
22	Molecular Dynamics and Mode of Transmission of Koala Retrovirus as It Invades and Spreads through a Wild Queensland Koala Population. <i>Journal of Virology</i> , 2018, 92, .	1.5	38
23	Identification of the Archaeal <i>alg7</i> Gene Homolog (Encoding N Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (-Ac Complementa	1.0	34
24	A Molecular Enrichment Strategy Based on cpn60 for Detection of Epsilon-Proteobacteria in the Dog Fecal Microbiome. <i>Microbial Ecology</i> , 2012, 63, 348-357.	1.4	32
25	Helping koalas battle disease – Recent advances in <i>Chlamydia</i> and koala retrovirus (KoRV) disease understanding and treatment in koalas. <i>FEMS Microbiology Reviews</i> , 2020, 44, 583-605.	3.9	31
26	mPUMA: a computational approach to microbiota analysis by de novo assembly of operational taxonomic units based on protein-coding barcode sequences. <i>Microbiome</i> , 2013, 1, 23.	4.9	29
27	Different Minimal Signal Peptide Lengths Recognized by the Archaeal Prepilin-Like Peptidases FlaK and PibD. <i>Journal of Bacteriology</i> , 2009, 191, 6732-6740.	1.0	27
28	A “universal” type II chaperonin PCR detection system for the investigation of Archaea in complex microbial communities. <i>ISME Journal</i> , 2012, 6, 430-439.	4.4	27
29	<i>Lactobacillus casei</i> , <i>Lactobacillus rhamnosus</i> , and <i>Lactobacillus zeae</i> isolates identified by sequence signature and immunoblot phenotype. <i>Canadian Journal of Microbiology</i> , 2004, 50, 482-488.	0.8	26
30	Isolation rates of <i>Campylobacter fetus</i> subsp <i>venerealis</i> from bovine preputial samples via passive filtration on nonselective medium versus selective medium, with and without transport medium. <i>American Journal of Veterinary Research</i> , 2013, 74, 1066-1069.	0.3	22
31	Changes in Endogenous and Exogenous Koala Retrovirus Subtype Expression over Time Reflect Koala Health Outcomes. <i>Journal of Virology</i> , 2019, 93, .	1.5	21
32	The relative contribution of causal factors in the transition from infection to clinical chlamydial disease. <i>Scientific Reports</i> , 2018, 8, 8893.	1.6	18
33	Longitudinal study of wild koalas ( <i>Phascolarctos cinereus</i> ) reveals chlamydial disease progression in two thirds of infected animals. <i>Scientific Reports</i> , 2019, 9, 13194.	1.6	17
34	Optimizing a PCR protocol for cpn60-based microbiome profiling of samples variously contaminated with host genomic DNA. <i>BMC Research Notes</i> , 2015, 8, 253.	0.6	16
35	Phylogenetic and geographical analysis of a retrovirus during the early stages of endogenous adaptation and exogenous spread in a new host. <i>Molecular Ecology</i> , 2021, 30, 2626-2640.	2.0	16
36	Koala immunogenetics and chlamydial strain type are more directly involved in chlamydial disease progression in koalas from two south east Queensland koala populations than koala retrovirus subtypes. <i>Scientific Reports</i> , 2020, 10, 15013.	1.6	15

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37	Clinical sensitivity and specificity of a real-time PCR assay for <i>Campylobacter fetus</i> subsp <i>venerealis</i> in preputial samples from bulls. <i>American Journal of Veterinary Research</i> , 2014, 75, 851-860.	0.3	14
38	Therapeutic effect of a <i>Chlamydia pecorum</i> recombinant major outer membrane protein vaccine on ocular disease in koalas ( <i>Phascolarctos cinereus</i> ). <i>PLoS ONE</i> , 2019, 14, e0210245.	1.1	14
39	Immunoblotting Used for Identification of Beer Spoilage <i>Pediococcus</i> , Including the New Species <i>Pediococcus Claussenii</i> . <i>Journal of the American Society of Brewing Chemists</i> , 2002, 60, 170-175.	0.8	12
40	The flagellin gene and protein from the brewing spoilage bacteria <i>Pectinatus cerevisiiphilus</i> and <i>Pectinatus frisingensis</i> . <i>Canadian Journal of Microbiology</i> , 2005, 51, 863-874.	0.8	11
41	Antibody response against koala retrovirus (KoRV) in koalas harboring KoRV-A in the presence or absence of KoRV-B. <i>Scientific Reports</i> , 2019, 9, 12416.	1.6	11
42	Therapeutic vaccination of koalas harbouring endogenous koala retrovirus (KoRV) improves antibody responses and reduces circulating viral load. <i>Npj Vaccines</i> , 2020, 5, 60.	2.9	10
43	Prevalence and Diversity of <i>Campylobacter</i> Species in Saskatchewan Retail Ground Beef. <i>Journal of Food Protection</i> , 2014, 77, 2106-2110.	0.8	9
44	Evaluation of a <i>Campylobacter fetus</i> subspecies <i>venerealis</i> real-time quantitative polymerase chain reaction for direct analysis of bovine preputial samples. <i>Canadian Journal of Veterinary Research</i> , 2012, 76, 166-73.	0.2	9
45	A targeted approach to investigating immune genes of an iconic Australian marsupial. <i>Molecular Ecology</i> , 2022, 31, 3286-3303.	2.0	9
46	CRISPRs of <i>Enterococcus faecalis</i> and <i>E. hirae</i> Isolates from Pig Feces Have Species-Specific Repeats But Share Some Common Spacer Sequences. <i>Microbial Ecology</i> , 2013, 66, 182-188.	1.4	8
47	Chlamydial infection and on-farm risk factors in dairy cattle herds in South East Queensland. <i>Australian Veterinary Journal</i> , 2019, 97, 505-508.	0.5	8
48	Vaccination of koalas during antibiotic treatment for <i>Chlamydia</i> -induced cystitis induces an improved antibody response to <i>Chlamydia pecorum</i> . <i>Scientific Reports</i> , 2020, 10, 10152.	1.6	8
49	The Koala Immune Response to Chlamydial Infection and Vaccine Development—Advancing Our Immunological Understanding. <i>Animals</i> , 2021, 11, 380.	1.0	8
50	Koala Retrovirus in Northern Australia Shows a Mixture of Stable Endogenization and Exogenous Lineage Diversification within Fragmented Koala Populations. <i>Journal of Virology</i> , 2021, 95, .	1.5	8
51	Comparative Genomics of <i>cpn60</i> -Defined <i>Enterococcus hirae</i> Ecotypes and Relationship of Gene Content Differences to Competitive Fitness. <i>Microbial Ecology</i> , 2016, 72, 917-930.	1.4	7
52	The “Jack-of-all-Trades” Flagellum From <i>Salmonella</i> and <i>E. coli</i> Was Horizontally Acquired From an Ancestral $\beta$ -Proteobacterium. <i>Frontiers in Microbiology</i> , 2021, 12, 643180.	1.5	6
53	Antibiotic treatment of <i>Chlamydia</i> -induced cystitis in the koala is linked to expression of key inflammatory genes in reactive oxygen pathways. <i>PLoS ONE</i> , 2019, 14, e0221109.	1.1	5
54	Detection and Identification of <i>Pectinatus</i> Brewery Contaminants Based on the Gene for the Major Outer Membrane Protein. <i>Journal of the American Society of Brewing Chemists</i> , 2014, 72, 169-174.	0.8	4

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55	Effect of sample pooling and transport conditions on the clinical sensitivity of a real-time polymerase chain reaction assay for <i>Campylobacter fetus</i> subsp. <i>venerealis</i> in preputial samples from bulls. <i>Canadian Journal of Veterinary Research</i> , 2016, 80, 32-9.	0.2	4
56	Koalas vaccinated against Koala retrovirus respond by producing increased levels of interferon-gamma. <i>Virology Journal</i> , 2020, 17, 168.	1.4	3
57	Comparison of Baseline Bacterial Levels in Retail Ground Beef Originating from Different Regulatory, Processing, and Packaging Environments. <i>Journal of Food Protection</i> , 2014, 77, 404-411.	0.8	2
58	Capturing Complex Vaccine-Immune-Disease Relationships for Free-Ranging Koalas: Higher Chlamydial Loads Are Associated With Less IL17 Expression and More Chlamydial Disease. <i>Frontiers in Veterinary Science</i> , 2020, 7, 530686.	0.9	2
59	High-throughput immunogenetic typing of koalas suggests possible link between MHC alleles and cancers. <i>Immunogenetics</i> , 2020, 72, 499-506.	1.2	2