Sylvia L Checkley

List of Publications by Year
in descending order

65 papers	1,433 citations	304743 22 h-index	361022 35 g-index
67 all docs	67 docs citations	67 times ranked	1953 citing authors

#	Article	IF	Citations
1	Phenotypic and genetic characterization of antimicrobial resistance in Salmonella serovars isolated from retail meats in Alberta, Canada. Food Microbiology, 2012, 32, 110-117.	4.2	78
2	Cortisol and corticosterone independence in cortisol-dominant wildlife. General and Comparative Endocrinology, 2012, 177, 113-119.	1.8	76
3	Invasion, establishment, and range expansion of two parasitic nematodes in the Canadian Arctic. Global Change Biology, 2013, 19, 3254-3262.	9.5	73
4	Characterization of antimicrobial resistance and virulence genes in Enterococcus spp. isolated from retail meats in Alberta, Canada. International Journal of Food Microbiology, 2012, 156, 222-230.	4.7	72
5	Associations between reported on-farm antimicrobial use practices and observed antimicrobial resistance in generic fecal Escherichia coli isolated from Alberta finishing swine farms. Preventive Veterinary Medicine, 2009, 88, 185-192.	1.9	57
6	Antimicrobial Resistance in Escherichia coli Recovered from Feedlot Cattle and Associations with Antimicrobial Use. PLoS ONE, 2015, 10, e0143995.	2.5	57
7	Ulcerative Colitis Patients With Clostridium difficile are at Increased Risk of Death, Colectomy, and Postoperative Complications: A Population-Based Inception Cohort Study. American Journal of Gastroenterology, 2016, 111, 691-704.	0.4	56
8	Antimicrobial Resistance and Resistance Genes in Escherichia coli Isolated from Retail Meat Purchased in Alberta, Canada. Foodborne Pathogens and Disease, 2012, 9, 625-631.	1.8	53
9	Local knowledge to enhance wildlife population health surveillance: Conserving muskoxen and caribou in the Canadian Arctic. Biological Conservation, 2018, 217, 337-348.	4.1	52
10	Muskox status, recent variation, and uncertain future. Ambio, 2020, 49, 805-819.	5.5	45
11	Bacterial Genomics Reveal the Complex Epidemiology of an Emerging Pathogen in Arctic and Boreal Ungulates. Frontiers in Microbiology, 2016, 7, 1759.	3.5	44
12	Erysipelothrix rhusiopathiae associated with recent widespread muskox mortalities in the Canadian Arctic. Canadian Veterinary Journal, 2015, 56, 560-3.	0.0	42
13	Associations between antimicrobial use and the prevalence of antimicrobial resistance in fecal Escherichia coli from feedlot cattle in western Canada. Canadian Veterinary Journal, 2010, 51, 853-61.	0.0	39
14	Evidence for the evolution, clonal expansion and global dissemination of water treatment-resistant naturalized strains of Escherichia coli in wastewater. Water Research, 2019, 156, 208-222.	11.3	38
15	Managing Lead Exposure and Toxicity in Cowâ€“Calf Herds to Minimize the Potential for Food Residues. Journal of Veterinary Diagnostic Investigation, 2002, 14, 481-486.	1.1	37
16	Risk factors associated with the A2C resistance pattern among E. coli isolates from broiler flocks in Canada. Preventive Veterinary Medicine, 2017, 148, 115-120.	1.9	32
17	Comparison of different approaches to antibiotic restriction in food-producing animals: stratified results from a systematic review and meta-analysis. BMJ Global Health, 2019, 4, e001710.	4.7	32
18	Characterization of water treatment-resistant and multidrug-resistant urinary pathogenic Escherichia coli in treated wastewater. Water Research, 2020, 182, 115827.	11.3	31

#	Article	IF	Citations
19	Insights about the Epidemiology of Dog Bites in a Canadian City Using a Dog Aggression Scale and Administrative Data. Animals, 2019, 9, 324.	2.3	28
20	Persistence of Salmonella on Egg Conveyor Belts Is Dependent on the Belt Type but Not on the rdar Morphotype. Poultry Science, 2007, 86, 2375-2383.	3.4	27
21	Contagious Ecthyma, Rangiferine Brucellosis, and Lungworm Infection in a Muskox (Ovibos) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	26
22	Total coliform and Escherichia coli contamination in rural well water: analysis for passive surveillance. Journal of Water and Health, 2017, 15, 729-740.	2.6	25
23	Evaluation of Various Campylobacter-Specific Quantitative PCR (qPCR) Assays for Detection and Enumeration of Campylobacteraceae in Irrigation Water and Wastewater via a Miniaturized Most-Probable-Numberâ€“qPCR Assay. Applied and Environmental Microbiology, 2016, 82, 4743-4756.	3.1	23
24	Methodological comparisons for antimicrobial resistance surveillance in feedlot cattle. BMC Veterinary Research, 2013, 9, 216.	1.9	22
25	Lessons learned from the 2013 Calgary flood: Assessing risk of drinking water well contamination. Applied Geography, 2017, 80, 78-85.	3.7	22
26	Clostridium difficileInfection Worsens the Prognosis of Ulcerative Colitis. Canadian Journal of Gastroenterology and Hepatology, 2014, 28, 373-380.	1.9	21
27	Iqaluktutiaq Voices: Local Perspectives about the Importance of Muskoxen, Contemporary and Traditional Use and Practices + Supplementary Appendices S1â€“S5 (See Article Tools). Arctic, 2018, 71, .	0.4	20
28	Application of dynamic modelling techniques to the problem of antibacterial use and resistance: a scoping review. Epidemiology and Infection, 2018, 146, 2014-2027.	2.1	19
29	A Transdisciplinary Approach toÂBrucellaÂin Muskoxen of the Western Canadian Arctic 1989â€“2016. EcoHealth, 2019, 16, 488-501.	2.0	19
30	A global assessment of Echinococcus multilocularis infections in domestic dogs: proposing a framework to overcome past methodological heterogeneity. International Journal for Parasitology, 2021, 51, 379-392.	3.1	16
31	The Role of Whole Genome Sequencing in the Surveillance of Antimicrobial Resistant Enterococcus spp.: A Scoping Review. Frontiers in Public Health, 2021, 9, 599285.	2.7	16
32	The prevalence and levels of enteric viruses in groundwater of private wells in rural Alberta, Canada. Water Research, 2021, 202, 117425.	11.3	16
33	Antimicrobial resistance in generic Escherichia coli isolated from swine fecal samples in 90 Alberta finishing farms. Canadian Journal of Veterinary Research, 2008, 72, 175-80.	1.1	15
34	Exposure to antimicrobial-resistant Escherichia coli through the consumption of ground beef in Western Canada. International Journal of Food Microbiology, 2018, 272, 41-48.	4.7	14
35	Novel insights into serodiagnosis and epidemiology of Erysipelothrix rhusiopathiae, a newly recognized pathogen in muskoxen (Ovibos moschatus). PLoS ONE, 2020, 15, e0231724.	2.5	14
36	Risk assessments evaluating foodborne antimicrobial resistance in humans: A scoping review. Microbial Risk Analysis, 2019, 11, 31-46.	2.3	13

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37	Examination of unintended consequences of antibiotic use restrictions in food-producing animals: Sub-analysis of a systematic review. One Health, 2019, 7, 100095.	3.4	13
38	Salmonella spp. prevalence and antimicrobial resistance in broiler chicken and turkey flocks in Canada from 2013 to 2018. Zoonoses and Public Health, 2021, 68, 719-736.	2.2	13
39	Evaluating the risks associated with Shiga-toxin-producing Escherichia coli (STEC) in private well waters in Canada. Canadian Journal of Microbiology, 2020, 66, 337-350.	1.7	12
40	Exploring Well Water Testing Behaviour Through the Health Belief Model. Environmental Health Insights, 2020, 14, 117863022091014.	1.7	12
41	Identification, Distribution, and Habitat Suitability Models of Ixodid Tick Species in Cattle in Eastern Bhutan. Tropical Medicine and Infectious Disease, 2021, 6, 27.	2.3	12
42	A knowledge, attitudes, and practices study on ticks and tick-borne diseases in cattle among farmers in a selected area of eastern Bhutan. PLoS ONE, 2021, 16, e0247302.	2.5	10
43	Weather and livestock risk factors for Escherichia coli O157 human infection in Alberta, Canada. Epidemiology and Infection, 2014, 142, 2302-2313.	2.1	9
44	Analysis of Whole-Genome Sequences of Infectious laryngotracheitis Virus Isolates from Poultry Flocks in Canada: Evidence of Recombination. Viruses, 2020, 12, 1302.	3.3	9
45	Antimicrobial resistance in generic fecal Escherichia coil obtained from beef cattle on arrival at the feedlot and prior to slaughter, and associations with volume of total individual cattle antimicrobial treatments in one western Canadian feedlot. Canadian Journal of Veterinary Research, 2008, 72, 101-8.	1.1	9
46	Escherichia coli contamination of rural well water in Alberta, Canada is associated with soil properties, density of livestock and precipitation. Canadian Water Resources Journal, 2019, 44, 248-262.	1.2	7
47	Perceptions of drinking water quality from private wells in Alberta: A qualitative study. Canadian Water Resources Journal, 2019, 44, 291-306.	1.2	7
48	Pathogenic and Transmission Potential of Wildtype and Chicken Embryo Origin (CEO) Vaccine Revertant Infectious Laryngotracheitis Virus. Viruses, 2021, 13, 541.	3.3	7
49	Linear enamel hypoplasia in caribou (Rangifer tarandus groenlandicus): A potential tool to assess population health. Wildlife Society Bulletin, 2012, 36, 554-560.	1.6	6
50	Rainfall and microbial contamination in Alberta well water. Journal of Environmental Engineering and Science, 2016, 11, 18-28.	0.8	5
51	Assessing and comparing relative farm-level sustainability of smallholder shrimp farms in two Sri Lankan provinces using indices developed from two methodological frameworks. Ecological Indicators, 2017, 83, 346-355.	6.3	5
52	A cross-sectional study of the prevalence factors associated with fluoroquinolone resistant Campylobacter jejuni in broiler flocks in Canada. Preventive Veterinary Medicine, 2021, 186, 105164.	1.9	5
53	Current practices in private water well management in Rural Central Alberta. Canadian Water Resources Journal, 2020, 45, 187-203.	1.2	4
54	Genetic Characterization of AmpC and Extended-Spectrum Beta-Lactamase Phenotypes in Escherichia coli and Salmonella From Alberta Broiler Chickens. Frontiers in Cellular and Infection Microbiology, 2021, 11, 622195.	3.9	4

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55	Development of an indirect enzyme-linked immunosorbent assay for detecting equine serum antibodies to the lipopolysaccharide of Salmonella abortusequi. Research in Veterinary Science, 2006, 81, 215-217.	1.9	3
56	Fecal glucocorticoid metabolites reflect hypothalamicâ€“pituitaryâ€“adrenal axis activity in muskoxen (Ovibos moschatus). PLoS ONE, 2021, 16, e0249281.	2.5	2
57	A retrospective diagnostic laboratory survey of antimicrobial resistance in fecal Escherichia coli isolated from spring calves in western Canada. Canadian Veterinary Journal, 2010, 51, 1283-6.	0.0	2
58	Antimicrobial resistance of bovine ssp. isolates from the Alberta Agriculture and Forestry Disease Investigation Program (2006-2014). Canadian Veterinary Journal, 2018, 59, 1195-1201.	0.0	2
59	OUP accepted manuscript. , 2022, 10, coab103.		2
60	Contagious Ecthyma Dermatitis as a Portal of Entry for Erysipelothrix rhusiopathiae in Muskoxen (Ovibos moschatus) of the Canadian Arctic. Journal of Wildlife Diseases, 2022, 58, .	0.8	2
61	Title is missing!. , 2020, 15, e0231724.		0
62	Title is missing!. , 2020, 15, e0231724.		0
63	Title is missing!. , 2020, 15, e0231724.		0
64	Title is missing!. , 2020, 15, e0231724.		0
65	One Health and antimicrobial stewardship: Where to go from here?. Canadian Veterinary Journal, 2022, 63, 198-200.	0.0	0