

Sylvia L Checkley

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,433
citations

304368

22
h-index

360668

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 <i>Salmonella</i> serovars isolated from retail meats in Alberta, Canada. <i>Food Microbiology</i> , 2012, 32, 110-117.	2.1	78
2	Cortisol and corticosterone independence in cortisol-dominant wildlife. <i>General and Comparative Endocrinology</i> , 2012, 177, 113-119.	0.8	76
3	Invasion, establishment, and range expansion of two parasitic nematodes in the Canadian Arctic. <i>Global Change Biology</i> , 2013, 19, 3254-3262.	4.2	73
4	Characterization of antimicrobial resistance and virulence genes in <i>Enterococcus</i> spp. isolated from retail meats in Alberta, Canada. <i>International Journal of Food Microbiology</i> , 2012, 156, 222-230.	2.1	72
5	Associations between reported on-farm antimicrobial use practices and observed antimicrobial resistance in generic fecal <i>Escherichia coli</i> isolated from Alberta finishing swine farms. <i>Preventive Veterinary Medicine</i> , 2009, 88, 185-192.	0.7	57
6	Antimicrobial Resistance in <i>Escherichia coli</i> Recovered from Feedlot Cattle and Associations with Antimicrobial Use. <i>PLoS ONE</i> , 2015, 10, e0143995.	1.1	57
7	Ulcerative Colitis Patients With <i>Clostridium difficile</i> are at Increased Risk of Death, Colectomy, and Postoperative Complications: A Population-Based Inception Cohort Study. <i>American Journal of Gastroenterology</i> , 2016, 111, 691-704.	0.2	56
8	Antimicrobial Resistance and Resistance Genes in <i>Escherichia coli</i> Isolated from Retail Meat Purchased in Alberta, Canada. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 625-631.	0.8	53
9	Local knowledge to enhance wildlife population health surveillance: Conserving muskoxen and caribou in the Canadian Arctic. <i>Biological Conservation</i> , 2018, 217, 337-348.	1.9	52
10	Muskox status, recent variation, and uncertain future. <i>Ambio</i> , 2020, 49, 805-819.	2.8	45
11	Bacterial Genomics Reveal the Complex Epidemiology of an Emerging Pathogen in Arctic and Boreal Ungulates. <i>Frontiers in Microbiology</i> , 2016, 7, 1759.	1.5	44
12	<i>Erysipelothrix rhusiopathiae</i> associated with recent widespread muskox mortalities in the Canadian Arctic. <i>Canadian Veterinary Journal</i> , 2015, 56, 560-3.	0.0	42
13	Associations between antimicrobial use and the prevalence of antimicrobial resistance in fecal <i>Escherichia coli</i> from feedlot cattle in western Canada. <i>Canadian Veterinary Journal</i> , 2010, 51, 853-61.	0.0	39
14	Evidence for the evolution, clonal expansion and global dissemination of water treatment-resistant naturalized strains of <i>Escherichia coli</i> in wastewater. <i>Water Research</i> , 2019, 156, 208-222.	5.3	38
15	Managing Lead Exposure and Toxicity in Cow-Calf Herds to Minimize the Potential for Food Residues. <i>Journal of Veterinary Diagnostic Investigation</i> , 2002, 14, 481-486.	0.5	37
16	Risk factors associated with the A2C resistance pattern among <i>E. coli</i> isolates from broiler flocks in Canada. <i>Preventive Veterinary Medicine</i> , 2017, 148, 115-120.	0.7	32
17	Comparison of different approaches to antibiotic restriction in food-producing animals: stratified results from a systematic review and meta-analysis. <i>BMJ Global Health</i> , 2019, 4, e001710.	2.0	32
18	Characterization of water treatment-resistant and multidrug-resistant urinary pathogenic <i>Escherichia coli</i> in treated wastewater. <i>Water Research</i> , 2020, 182, 115827.	5.3	31

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19	Insights about the Epidemiology of Dog Bites in a Canadian City Using a Dog Aggression Scale and Administrative Data. <i>Animals</i> , 2019, 9, 324.	1.0	28
20	Persistence of Salmonella on Egg Conveyor Belts Is Dependent on the Belt Type but Not on the rdar Morphotype. <i>Poultry Science</i> , 2007, 86, 2375-2383.	1.5	27
21	Contagious Ecthyma, Rangiferine Brucellosis, and Lungworm Infection in a Muskox (<i>Ovibos Tj ETQq1 1 0.784314 rgBT /Overlock 0.3 26	0.3	26
22	Total coliform and Escherichia coli contamination in rural well water: analysis for passive surveillance. <i>Journal of Water and Health</i> , 2017, 15, 729-740.	1.1	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. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4743-4756.	1.4	23
24	Methodological comparisons for antimicrobial resistance surveillance in feedlot cattle. <i>BMC Veterinary Research</i> , 2013, 9, 216.	0.7	22
25	Lessons learned from the 2013 Calgary flood: Assessing risk of drinking water well contamination. <i>Applied Geography</i> , 2017, 80, 78-85.	1.7	22
26	<i>Clostridium difficile</i> Infection Worsens the Prognosis of Ulcerative Colitis. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2014, 28, 373-380.	0.8	21
27	Iqaluktitiaq Voices: Local Perspectives about the Importance of Muskoxen, Contemporary and Traditional Use and Practices + Supplementary Appendices S1â€”S5 (See Article Tools). <i>Arctic</i> , 2018, 71, .	0.2	20
28	Application of dynamic modelling techniques to the problem of antibacterial use and resistance: a scoping review. <i>Epidemiology and Infection</i> , 2018, 146, 2014-2027.	1.0	19
29	A Transdisciplinary Approach toÂBrucellaÂin Muskoxen of the Western Canadian Arctic 1989â€”2016. <i>EcoHealth</i> , 2019, 16, 488-501.	0.9	19
30	A global assessment of Echinococcus multilocularis infections in domestic dogs: proposing a framework to overcome past methodological heterogeneity. <i>International Journal for Parasitology</i> , 2021, 51, 379-392.	1.3	16
31	The Role of Whole Genome Sequencing in the Surveillance of Antimicrobial Resistant Enterococcus spp.: A Scoping Review. <i>Frontiers in Public Health</i> , 2021, 9, 599285.	1.3	16
32	The prevalence and levels of enteric viruses in groundwater of private wells in rural Alberta, Canada. <i>Water Research</i> , 2021, 202, 117425.	5.3	16
33	Antimicrobial resistance in generic Escherichia coli isolated from swine fecal samples in 90 Alberta finishing farms. <i>Canadian Journal of Veterinary Research</i> , 2008, 72, 175-80.	1.1	15
34	Exposure to antimicrobial-resistant Escherichia coli through the consumption of ground beef in Western Canada. <i>International Journal of Food Microbiology</i> , 2018, 272, 41-48.	2.1	14
35	Novel insights into serodiagnosis and epidemiology of Erysipelothrix rhusiopathiae, a newly recognized pathogen in muskoxen (Ovibos moschatus). <i>PLoS ONE</i> , 2020, 15, e0231724.	1.1	14
36	Risk assessments evaluating foodborne antimicrobial resistance in humans: A scoping review. <i>Microbial Risk Analysis</i> , 2019, 11, 31-46.	1.3	13

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37	Examination of unintended consequences of antibiotic use restrictions in food-producing animals: Sub-analysis of a systematic review. <i>One Health</i> , 2019, 7, 100095.	1.5	13
38	<i>Salmonella</i> spp. prevalence and antimicrobial resistance in broiler chicken and turkey flocks in Canada from 2013 to 2018. <i>Zoonoses and Public Health</i> , 2021, 68, 719-736.	0.9	13
39	Evaluating the risks associated with Shiga-toxin-producing <i>Escherichia coli</i> (STEC) in private well waters in Canada. <i>Canadian Journal of Microbiology</i> , 2020, 66, 337-350.	0.8	12
40	Exploring Well Water Testing Behaviour Through the Health Belief Model. <i>Environmental Health Insights</i> , 2020, 14, 117863022091014.	0.6	12
41	Identification, Distribution, and Habitat Suitability Models of Ixodid Tick Species in Cattle in Eastern Bhutan. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 27.	0.9	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. <i>PLoS ONE</i> , 2021, 16, e0247302.	1.1	10
43	Weather and livestock risk factors for <i>Escherichia coli</i> O157 human infection in Alberta, Canada. <i>Epidemiology and Infection</i> , 2014, 142, 2302-2313.	1.0	9
44	Analysis of Whole-Genome Sequences of Infectious laryngotracheitis Virus Isolates from Poultry Flocks in Canada: Evidence of Recombination. <i>Viruses</i> , 2020, 12, 1302.	1.5	9
45	Antimicrobial resistance in generic fecal <i>Escherichia coli</i> 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. <i>Canadian Journal of Veterinary Research</i> , 2008, 72, 101-8.	1.1	9
46	<i>Escherichia coli</i> contamination of rural well water in Alberta, Canada is associated with soil properties, density of livestock and precipitation. <i>Canadian Water Resources Journal</i> , 2019, 44, 248-262.	0.5	7
47	Perceptions of drinking water quality from private wells in Alberta: A qualitative study. <i>Canadian Water Resources Journal</i> , 2019, 44, 291-306.	0.5	7
48	Pathogenic and Transmission Potential of Wildtype and Chicken Embryo Origin (CEO) Vaccine Revertant Infectious Laryngotracheitis Virus. <i>Viruses</i> , 2021, 13, 541.	1.5	7
49	Linear enamel hypoplasia in caribou (<i>Rangifer tarandus groenlandicus</i>): A potential tool to assess population health. <i>Wildlife Society Bulletin</i> , 2012, 36, 554-560.	1.6	6
50	Rainfall and microbial contamination in Alberta well water. <i>Journal of Environmental Engineering and Science</i> , 2016, 11, 18-28.	0.3	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. <i>Ecological Indicators</i> , 2017, 83, 346-355.	2.6	5
52	A cross-sectional study of the prevalence factors associated with fluoroquinolone resistant <i>Campylobacter jejuni</i> in broiler flocks in Canada. <i>Preventive Veterinary Medicine</i> , 2021, 186, 105164.	0.7	5
53	Current practices in private water well management in Rural Central Alberta. <i>Canadian Water Resources Journal</i> , 2020, 45, 187-203.	0.5	4
54	Genetic Characterization of AmpC and Extended-Spectrum Beta-Lactamase Phenotypes in <i>Escherichia coli</i> and <i>Salmonella</i> From Alberta Broiler Chickens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 622195.	1.8	4

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55	Development of an indirect enzyme-linked immunosorbent assay for detecting equine serum antibodies to the lipopolysaccharide of <i>Salmonella abortusequi</i> . <i>Research in Veterinary Science</i> , 2006, 81, 215-217.	0.9	3
56	Fecal glucocorticoid metabolites reflect hypothalamicâ€“pituitaryâ€“adrenal axis activity in muskoxen (<i>Ovibos moschatus</i>). <i>PLoS ONE</i> , 2021, 16, e0249281.	1.1	2
57	A retrospective diagnostic laboratory survey of antimicrobial resistance in fecal <i>Escherichia coli</i> isolated from spring calves in western Canada. <i>Canadian Veterinary Journal</i> , 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). <i>Canadian Veterinary Journal</i> , 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 <i>Erysipelothrix rhusiopathiae</i> in Muskoxen (<i>Ovibos moschatus</i>) of the Canadian Arctic. <i>Journal of Wildlife Diseases</i> , 2022, 58, .	0.3	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?. <i>Canadian Veterinary Journal</i> , 2022, 63, 198-200.	0.0	0