Herman W. Barkema

List of Publications by Year
in descending order

353	22,476	11639 70	12585 132
papers	citations	h-index	g-index

359	359	359	18488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-sectional study of antimicrobial use and treatment decision for preweaning Canadian dairy calves. JDS Communications, 2022, 3, 72-77.	0.5	4
2	Multi-Omics Integration and Network Analysis Reveal Potential Hub Genes and Genetic Mechanisms Regulating Bovine Mastitis. Current Issues in Molecular Biology, 2022, 44, 309-328.	1.0	11
3	Effect of dry-off management on milking behavior, milk yield, and somatic cell count of dairy cows milked in automated milking systems. Journal of Dairy Science, 2022, 105, 3544-3558.	1.4	4
4	Mastitis detection with recurrent neural networks in farms using automated milking systems. Computers and Electronics in Agriculture, 2022, 192, 106618.	3.7	8
5	Crohnâ€™s disease therapeutic dietary intervention (CD-TDI): study protocol for a randomised controlled trial. BMJ Open Gastroenterology, 2022, 9, e000841.	1.1	0
6	Economic premiums associated with Mycobacterium avium subspecies paratuberculosis-negative replacement purchases in major dairy-producing regions. Journal of Dairy Science, 2022, , .	1.4	0
7	Western Canadian dairy farmers' perspectives on the provision of outdoor access for dairy cows and on the perceptions of other stakeholders. Journal of Dairy Science, 2022, , .	1.4	5
8	Disability-adjusted life years (DALYs) due to the direct health impact of COVID-19 in India, 2020. Scientific Reports, 2022, 12, 2454.	1.6	18
9	Antimicrobial resistance (AMR) in COVID-19 patients: a systematic review and meta-analysis (November) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	102
10	Tenofovir disoproxil fumarate therapy to prevent hepatitis B virus vertical transmissionâ€”A review of maternal and infant outcomes. Liver International, 2022, 42, 1712-1730.	1.9	7
11	Nrf2 and NF-Î°B/NLRP3 inflammasome pathways are involved in Prototheca bovis infections of mouse mammary gland tissue and mammary epithelial cells. Free Radical Biology and Medicine, 2022, 184, 148-157.	1.3	8
12	Public health interventions slowed but did not halt the spread of COVIDâ€19 in India. Transboundary and Emerging Diseases, 2021, 68, 2171-2187.	1.3	13
13	Prevalence of antimicrobial resistance genes and its association with restricted antimicrobial use in food-producing animals: a systematic review and meta-analysis. Journal of Antimicrobial Chemotherapy, 2021, 76, 561-575.	1.3	30
14	Genetic diversity and molecular epidemiology of outbreaks of Klebsiella pneumoniae mastitis on two large Chinese dairy farms. Journal of Dairy Science, 2021, 104, 762-775.	1.4	11
15	Genetic analysis of pathogen-specific intramammary infections in dairy cows. Journal of Dairy Science, 2021, 104, 1982-1992.	1.4	6
16	Associations of freestall design and cleanliness with cow lying behavior, hygiene, lameness, and risk of high somatic cell count. Journal of Dairy Science, 2021, 104, 2231-2242.	1.4	13
17	Dietary patterns, food groups and nutrients in Crohnâ€™s disease: associations with gut and systemic inflammation. Scientific Reports, 2021, 11, 1674.	1.6	11
18	Economic losses due to Johne's disease (paratuberculosis) in dairy cattle. Journal of Dairy Science, 2021, 104, 3123-3143.	1.4	48

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19	Estimation of the value of Johneâ€™s disease (paratuberculosis) control to Canadian dairy producers. Preventive Veterinary Medicine, 2021, 189, 105297.	0.7	2
20	Non-aureus Staphylococci and Bovine Udder Health: Current Understanding and Knowledge Gaps. Frontiers in Veterinary Science, 2021, 8, 658031.	0.9	52
21	Invited review: Bovine leukemia virusâ€”Transmission, control, and eradication. Journal of Dairy Science, 2021, 104, 6358-6375.	1.4	22
22	Effects of different culture media on growth of Treponema spp. isolated from digital dermatitis. Anaerobe, 2021, 69, 102345.	1.0	3
23	Herd health and production management visits on Canadian dairy cattle farms: Structure, goals, and topics discussed. Journal of Dairy Science, 2021, 104, 7996-8008.	1.4	6
24	Omics Multi-Layers Networks Provide Novel Mechanistic and Functional Insights Into Fat Storage and Lipid Metabolism in Poultry. Frontiers in Genetics, 2021, 12, 646297.	1.1	9
25	Predicting sensitivity of repeated environmental sampling for Mycobacterium avium subsp. paratuberculosis in dairy herds using a Bayesian latent class model. Veterinary Journal, 2021, 275, 105728.	0.6	5
26	Perspectives of Western Canadian dairy farmers on providing outdoor access for dairy cows. Journal of Dairy Science, 2021, 104, 10158-10170.	1.4	14
27	Meta-analysis and adjusted estimation of COVID-19 case fatality risk in India and its association with the underlying comorbidities. One Health, 2021, 13, 100283.	1.5	12
28	Integrated Network Analysis to Identify Key Modules and Potential Hub Genes Involved in Bovine Respiratory Disease: A Systems Biology Approach. Frontiers in Genetics, 2021, 12, 753839.	1.1	13
29	Knowledge Gaps in the Understanding of Antimicrobial Resistance in Canada. Frontiers in Public Health, 2021, 9, 726484.	1.3	26
30	Understanding Farmers' Behavior and Their Decision-Making Process in the Context of Cattle Diseases: A Review of Theories and Approaches. Frontiers in Veterinary Science, 2021, 8, 687699.	0.9	16
31	Canadian Dairy Network for Antimicrobial Stewardship and Resistance (CaDNetASR): An On-Farm Surveillance System. Frontiers in Veterinary Science, 2021, 8, 799622.	0.9	11
32	Differential Co-Expression Network Analysis Reveals Key Hub-High Traffic Genes as Potential Therapeutic Targets for COVID-19 Pandemic. Frontiers in Immunology, 2021, 12, 789317.	2.2	34
33	Prototheca spp. induce an inflammatory response via mtROS-mediated activation of NF-ÎºB and NLRP3 inflammasome pathways in bovine mammary epithelial cell cultures. Veterinary Research, 2021, 52, 144.	1.1	12
34	Oxytetracycline reduces inflammation and treponeme burden whereas vitamin D3 promotes Î²-defensin expression in bovine infectious digital dermatitis. Cell and Tissue Research, 2020, 379, 337-348.	1.5	9
35	Synthetic cathelicidin LL-37 reduces Mycobacterium avium subsp. paratuberculosis internalization and pro-inflammatory cytokines in macrophages. Cell and Tissue Research, 2020, 379, 207-217.	1.5	17
36	Co-Occurrence of Plasmid-Mediated Colistin Resistance (mcr-1) and Extended-Spectrum Î²-Lactamase Encoding Genes in Escherichia coli from Bovine Mastitic Milk in China. Microbial Drug Resistance, 2020, 26, 685-696.	0.9	26

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37	Bacterial concentrations in bedding and their association with dairy cow hygiene and milk quality. Animal, 2020, 14, 1052-1066.	1.3	32
38	In vitro immune responses of bovine mammary epithelial cells induced by Escherichia coli, with multidrug resistant extended-spectrum Î²-lactamase, isolated from mastitic milk. Microbial Pathogenesis, 2020, 149, 104494.	1.3	1
39	Critically important antimicrobials are generally not needed to treat nonsevere clinical mastitis in lactating dairy cows: Results from a network meta-analysis. Journal of Dairy Science, 2020, 103, 10585-10603.	1.4	17
40	Selenomethionine Suppressed TLR4/NF-ÎºB Pathway by Activating Selenoprotein S to Alleviate ESBL Escherichia coli-Induced Inflammation in Bovine Mammary Epithelial Cells and Macrophages. Frontiers in Microbiology, 2020, 11, 1461.	1.5	17
41	Communication preferences and social media engagement among Canadian dairy producers. Journal of Dairy Science, 2020, 103, 12128-12139.	1.4	4
42	Treponema spp. Isolated from Bovine Digital Dermatitis Display Different Pathogenicity in a Murine Abscess Model. Microorganisms, 2020, 8, 1507.	1.6	4
43	Cathelicidins Mitigate Staphylococcus aureus Mastitis and Reduce Bacterial Invasion in Murine Mammary Epithelium. Infection and Immunity, 2020, 88, .	1.0	1
44	Composition and co-occurrence patterns of the microbiota of different niches of the bovine mammary gland: potential associations with mastitis susceptibility, udder inflammation, and teat-end hyperkeratosis. Animal Microbiome, 2020, 2, 11.	1.5	32
45	Short communication: Describing mortality and euthanasia practices on Canadian dairy farms. Journal of Dairy Science, 2020, 103, 3599-3605.	1.4	9
46	Murine and Human Cathelicidins Contribute Differently to Hallmarks of Mastitis Induced by Pathogenic Prototheca bovis Algae. Frontiers in Cellular and Infection Microbiology, 2020, 10, 31.	1.8	9
47	Canadian National Dairy Study: Describing Canadian dairy producer practices and perceptions surrounding cull cow management. Journal of Dairy Science, 2020, 103, 3414-3421.	1.4	10
48	Effects of employer management on employee recruitment, satisfaction, engagement, and retention on large US dairy farms. Journal of Dairy Science, 2020, 103, 8482-8493.	1.4	10
49	Genomic Analysis of Bovine Staphylococcus aureus Isolates from Milk To Elucidate Diversity and Determine the Distributions of Antimicrobial and Virulence Genes and Their Association with Mastitis. MSystems, 2020, 5, .	1.7	35
50	Klebsiella pneumoniae isolated from bovine mastitis is cytopathogenic for bovine mammary epithelial cells. Journal of Dairy Science, 2020, 103, 3493-3504.	1.4	33
51	Prototheca zopfii genotype II induces mitochondrial apoptosis in models of bovine mastitis. Scientific Reports, 2020, 10, 698.	1.6	16
52	Effectiveness and Economic Viability of Johne's Disease (Paratuberculosis) Control Practices in Dairy Herds. Frontiers in Veterinary Science, 2020, 7, 614727.	0.9	2
53	Association between lameness risk assessment and lameness and foot lesion prevalence on dairy farms in Alberta, Canada. Journal of Dairy Science, 2020, 103, 11750-11761.	1.4	14
54	Invited review: Academic and applied approach to evaluating longevity in dairy cows. Journal of Dairy Science, 2020, 103, 11008-11024.	1.4	54

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55	ESBL-Producing Escherichia coli from Bovine Mastitis Induced Apoptosis of Bovine Mammary Epithelial Cells Via Alteration of ROS/MMP/bax/bcl-2 Signaling Pathway. Pakistan Veterinary Journal, 2020, , .	0.5	1
56	167 Addition of garlic powder at low doses stimulated mineral consumption in feedlot cattle. Journal of Animal Science, 2020, 98, 128-128.	0.2	0
57	Realâ€world clinical and virological outcomes in a retrospective multiethnic cohort study of 341 untreated and tenofovir disoproxil fumarateâ€treated chronic hepatitis B pregnant patients in North America. Alimentary Pharmacology and Therapeutics, 2020, 52, 1707-1716.	1.9	15
58	Biosecurity and herd health management practices on Canadian dairy farms. Journal of Dairy Science, 2019, 102, 9536-9547.	1.4	26
59	Association of Levels of Specialized Care With Risk of Premature Mortality in Patients With Epilepsy. JAMA Neurology, 2019, 76, 1352.	4.5	40
60	Prevalence, fecal egg counts, and species identification of gastrointestinal nematodes in replacement dairy heifers in Canada. Journal of Dairy Science, 2019, 102, 8251-8263.	1.4	9
61	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.	0.5	7
62	Prevalence of Potential Virulence Genes in Klebsiella spp. Isolated from Cows with Clinical Mastitis on Large Chinese Dairy Farms. Foodborne Pathogens and Disease, 2019, 16, 856-863.	0.8	17
63	Quantifying transmission of Mycobacterium avium subsp. paratuberculosis among group-housed dairy calves. Veterinary Research, 2019, 50, 60.	1.1	6
64	Effect of footbath protocols for prevention and treatment of digital dermatitis in dairy cattle: A systematic review and network meta-analysis. Preventive Veterinary Medicine, 2019, 164, 56-71.	0.7	23
65	Examination of unintended consequences of antibiotic use restrictions in food-producing animals: Sub-analysis of a systematic review. One Health, 2019, 7, 100095.	1.5	13
66	Control of paratuberculosis: who, why and how. A review of 48 countries. BMC Veterinary Research, 2019, 15, 198.	0.7	219
67	Chlorogenic acid promotes the Nrf2/HO-1 anti-oxidative pathway by activating p21Waf1/Cip1 to resist dexamethasone-induced apoptosis in osteoblastic cells. Free Radical Biology and Medicine, 2019, 137, 1-12.	1.3	92
68	Comprehensive Virulence Gene Profiling of Bovine Non- aureus Staphylococci Based on Whole-Genome Sequencing Data. MSystems, 2019, 4, .	1.7	32
69	Adherent/invasive capacities of bovine-associated Aerococcus viridans contribute to pathogenesis of acute mastitis in a murine model. Veterinary Microbiology, 2019, 230, 202-211.	0.8	13
70	Factors associated with dairy farmers' satisfaction and preparedness to adopt recommendations after veterinary herd health visits. Journal of Dairy Science, 2019, 102, 4280-4293.	1.4	44
71	Cytokines and Chemokines in Pediatric Appendicitis: A Multiplex Analysis of Inflammatory Protein Mediators. Mediators of Inflammation, 2019, 2019, 1-13.	1.4	15
72	A review of paratuberculosis in dairy herds â€" Part 2: On-farm control. Veterinary Journal, 2019, 246, 54-58.	0.6	25

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73	A review of paratuberculosis in dairy herds â€" Part 1: Epidemiology. Veterinary Journal, 2019, 246, 59-65.	0.6	27
74	Canadian dairy farmers' perception of the efficacy of biosecurity practices. Journal of Dairy Science, 2019, 102, 10657-10669.	1.4	15
75	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.	2.0	32
76	Molecular epidemiology and distribution of antimicrobial resistance genes of Staphylococcus species isolated from Chinese dairy cows with clinical mastitis. Journal of Dairy Science, 2019, 102, 1571-1583.	1.4	40
77	Antimicrobial resistance profiles of 5 common bovine mastitis pathogens in large Chinese dairy herds. Journal of Dairy Science, 2019, 102, 2416-2426.	1.4	83
78	Staphylococcus debuckii sp. nov., a coagulase-negative species from bovine milk. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2239-2249.	0.8	10
79	Prevalence, Genetic Diversity and Antimicrobial Resistance of Proteus mirabilis Isolated from Dogs Hospitalized in Beijing. Pakistan Veterinary Journal, 2019, , .	0.5	2
80	Host defense cathelicidins in cattle: types, production, bioactive functions and potential therapeutic and diagnostic applications. International Journal of Antimicrobial Agents, 2018, 51, 813-821.	1.1	44
81	Impact of automatic milking systems on dairy cattle producersâ€™ reports of milking labour management, milk production and milk quality. Animal, 2018, 12, 2649-2656.	1.3	55
82	Udder health in Canadian dairy heifers during early lactation. Journal of Dairy Science, 2018, 101, 3233-3247.	1.4	23
83	Short communication: Evaluation of 5 different ELISA for the detection of bovine leukemia virus antibodies. Journal of Dairy Science, 2018, 101, 2433-2437.	1.4	16
84	Action cameras and the Roter interaction analysis system to assess veterinarianâ€producer interactions in a dairy setting. Veterinary Record, 2018, 182, 227-227.	0.2	8
85	Canadian National Dairy Study: Herd-level milk quality. Journal of Dairy Science, 2018, 101, 2679-2691.	1.4	37
86	Symposium review: Novel strategies to genetically improve mastitis resistance in dairy cattle. Journal of Dairy Science, 2018, 101, 2724-2736.	1.4	140
87	Antimicrobial resistance in non-aureus staphylococci isolated from milk is associated with systemic but not intramammary administration of antimicrobials in dairy cattle. Journal of Dairy Science, 2018, 101, 7425-7436.	1.4	36
88	Comparison of effects of routine topical treatments in the milking parlor on digital dermatitis lesions. Journal of Dairy Science, 2018, 101, 5255-5266.	1.4	18
89	Virulence gene profiles: alpha-hemolysin and clonal diversity in Staphylococcus aureus isolates from bovine clinical mastitis in China. BMC Veterinary Research, 2018, 14, 63.	0.7	38
90	Invited review: Incidence, risk factors, and effects of clinical mastitis recurrence in dairy cows. Journal of Dairy Science, 2018, 101, 4729-4746.	1.4	87

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91	Invited review: Effectiveness of precalving treatment on postcalving udder health in nulliparous dairy heifers: A systematic review and meta-analysis. Journal of Dairy Science, 2018, 101, 4707-4728.	1.4	12
92	Knowledge gaps that hamper prevention and control ofMycobacterium aviumsubspeciesparatuberculosisinfection. Transboundary and Emerging Diseases, 2018, 65, 125-148.	1.3	79
93	Quantifying fecal shedding of Mycobacterium avium ssp. paratuberculosis from calves after experimental infection and exposure. Journal of Dairy Science, 2018, 101, 1478-1487.	1.4	8
94	Missing pieces of the puzzle to effectively control digital dermatitis. Transboundary and Emerging Diseases, 2018, 65, 186-198.	1.3	47
95	Association of bovine major histocompatibility complex (BoLA) gene polymorphism with colostrum and milk microbiota of dairy cows during the first week of lactation. Microbiome, 2018, 6, 203.	4.9	38
96	A Differential Innate Immune Response in Active and Chronic Stages of Bovine Infectious Digital Dermatitis. Frontiers in Microbiology, 2018, 9, 1586.	1.5	13
97	Characteristics ofEscherichia coliIsolated from Bovine Mastitis Exposed to Subminimum Inhibitory Concentrations of Cefalotin or Ceftazidime. BioMed Research International, 2018, 2018, 1-10.	0.9	9
98	Invited review: Microbiota of the bovine udder: Contributing factors and potential implications for udder health and mastitis susceptibility. Journal of Dairy Science, 2018, 101, 10605-10625.	1.4	159
99	Prevalence of Mycobacterium avium ssp. paratuberculosis infections in Canadian dairy herds. Journal of Dairy Science, 2018, 101, 11218-11228.	1.4	31
100	Genetic analysis of subclinical mastitis in early lactation of heifers using both linear and threshold models. Journal of Dairy Science, 2018, 101, 11120-11131.	1.4	9
101	Canadian National Dairy Study: Heifer calf management. Journal of Dairy Science, 2018, 101, 10565-10579.	1.4	58
102	Clinical communication patterns of veterinary practitioners during dairy herd health and production management farm visits. Journal of Dairy Science, 2018, 101, 10337-10350.	1.4	28
103	Composition of the teat canal and intramammary microbiota of dairy cows subjected to antimicrobial dry cow therapy and internal teat sealant. Journal of Dairy Science, 2018, 101, 10191-10205.	1.4	46
104	Comparison of fecal pooling strategies for detection of Mycobacterium avium ssp. paratuberculosis in cattle. Journal of Dairy Science, 2018, 101, 7463-7470.	1.4	5
105	Herd-Level Mastitis-Associated Costs on Canadian Dairy Farms. Frontiers in Veterinary Science, 2018, 5, 100.	0.9	122
106	Producer experience with transitioning to automatic milking: Cow training, challenges, and effect on quality of life. Journal of Dairy Science, 2018, 101, 9599-9607.	1.4	22
107	Environmental sample characteristics and herd size associated with decreased herd-level prevalence of Mycobacterium avium ssp. paratuberculosis. Journal of Dairy Science, 2018, 101, 8092-8099.	1.4	8
108	DISCONTOOLS supplement: Current research gaps for advancing control of infectious diseases in production animals. Transboundary and Emerging Diseases, 2018, 65, 5-8.	1.3	10

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109	Prevalence and Genetic Basis of Antimicrobial Resistance in Non-aureus Staphylococci Isolated from Canadian Dairy Herds. Frontiers in Microbiology, 2018, 9, 256.	1.5	52
110	Effects of freezing on ability to detectMycobacterium aviumsubsp.paratuberculosisfrom bovine tissues following culture. Journal of Veterinary Diagnostic Investigation, 2018, 30, 743-746.	0.5	5
111	Evaluation by employees of employee management on large US dairy farms. Journal of Dairy Science, 2018, 101, 7450-7462.	1.4	29
112	Effect of transitioning to automatic milking systems on producers' perceptions of farm management and cow health in the Canadian dairy industry. Journal of Dairy Science, 2017, 100, 2404-2414.	1.4	45
113	Lessons learned from the 2013 Calgary flood: Assessing risk of drinking water well contamination. Applied Geography, 2017, 80, 78-85.	1.7	22
114	Invited review: Determinants of farmers' adoption of management-based strategies for infectious disease prevention and control. Journal of Dairy Science, 2017, 100, 3329-3347.	1.4	192
115	Development of a single-dose recombinant CAMP factor entrapping poly(lactide-co-glycolide) microspheres-based vaccine against Streptococcus agalactiae. Vaccine, 2017, 35, 1246-1253.	1.7	10
116	Spatial-temporal cluster analysis of fatal Clostridium chauvoei cases among cattle in Styria, Austria between 1986 and 2013. Preventive Veterinary Medicine, 2017, 138, 134-138.	0.7	9
117	Incidence of clinical mastitis and distribution of pathogens on large Chinese dairy farms. Journal of Dairy Science, 2017, 100, 4797-4806.	1.4	154
118	Clinical presentation, prevalence, and risk factors associated with Mycoplasma bovis-associated disease in farmed bison (Bison bison) herds in western Canada. Journal of the American Veterinary Medical Association, 2017, 250, 1167-1175.	0.2	7
119	Comparison of the efficacy of a commercial footbath product with copper sulfate for the control of digital dermatitis. Journal of Dairy Science, 2017, 100, 5628-5641.	1.4	6
120	Distribution of non-aureus staphylococci species in udder quarters with low and high somatic cell count, and clinical mastitis. Journal of Dairy Science, 2017, 100, 5613-5627.	1.4	55
121	Bovine respiratory disease in pre-weaned dairy calves: Are current preventative strategies good enough?. Veterinary Journal, 2017, 224, 16-17.	0.6	11
122	Prevalence of non-aureus staphylococci species causing intramammary infections in Canadian dairy herds. Journal of Dairy Science, 2017, 100, 5592-5612.	1.4	70
123	Crossover Subsets of CD4+ T Lymphocytes in the Intestinal Lamina Propria ofÂPatients with Crohnâ€™s Disease and Ulcerative Colitis. Digestive Diseases and Sciences, 2017, 62, 2357-2368.	1.1	25
124	Effects of changing freestall area on lameness, lying time, and leg injuries on dairy farms in Alberta, Canada. Journal of Dairy Science, 2017, 100, 6516-6526.	1.4	9
125	Identification of bovine-associated coagulase-negative staphylococci by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry using a direct transfer protocol. Journal of Dairy Science, 2017, 100, 2137-2147.	1.4	75
126	Effectiveness of a standardized footbath protocol for prevention of digital dermatitis. Journal of Dairy Science, 2017, 100, 1295-1307.	1.4	37

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127	Validation of the M-stage scoring system for digital dermatitis on dairy cows in the milking parlor. Journal of Dairy Science, 2017, 100, 1592-1603.	1.4	46
128	Producer estimates of prevalence and perceived importance of lameness in dairy herds with tiestalls, freestalls, and automated milking systems. Journal of Dairy Science, 2017, 100, 9871-9880.	1.4	31
129	Comparison of treatment records and inventory of empty drug containers to quantify antimicrobial usage in dairy herds. Journal of Dairy Science, 2017, 100, 9736-9745.	1.4	44
130	Prevalence of digital dermatitis in young stock in Alberta, Canada, using pen walks. Journal of Dairy Science, 2017, 100, 9234-9244.	1.4	18
131	Total coliform and Escherichia coli contamination in rural well water: analysis for passive surveillance. Journal of Water and Health, 2017, 15, 729-740.	1.1	25
132	The NOD2 -Smoking Interaction in Crohn's Disease is likely Specific to the 1007 fs Mutation and may be Explained by Age at Diagnosis: A Meta-Analysis and Case-Only Study. EBioMedicine, 2017, 21, 188-196.	2.7	20
133	A serologic survey of Mycoplasma spp. in farmed bison (Bison bison) herds in western Canada. Journal of Veterinary Diagnostic Investigation, 2017, 29, 513-521.	0.5	6
134	Comparison of five diagnostic tests for Giardia duodenalis in fecal samples from young dogs. Veterinary Parasitology, 2017, 244, 91-96.	0.7	19
135	Short communication: Molecular characteristics, antimicrobial susceptibility, and pathogenicity of clinical Nocardia cyriacigeorgica isolates from an outbreak of bovine mastitis. Journal of Dairy Science, 2017, 100, 8414-8421.	1.4	4
136	Restricting the use of antibiotics in food-producing animals and its associations with antibiotic resistance in food-producing animals and human beings: a systematic review and meta-analysis. Lancet Planetary Health, The, 2017, 1, e316-e327.	5.1	569
137	Fecal shedding and tissue infections demonstrate transmission of Mycobacterium avium subsp. paratuberculosis in group-housed dairy calves. Veterinary Research, 2017, 48, 27.	1.1	25
138	Bacteriocins of Non-aureus Staphylococci Isolated from Bovine Milk. Applied and Environmental Microbiology, 2017, 83, .	1.4	46
139	The Features of Fecal and Ileal Mucosa-Associated Microbiota in Dairy Calves during Early Infection with Mycobacterium avium Subspecies paratuberculosis. Frontiers in Microbiology, 2016, 7, 426.	1.5	44
140	Comprehensive Phylogenetic Analysis of Bovine Non-aureus Staphylococci Species Based on Whole-Genome Sequencing. Frontiers in Microbiology, 2016, 7, 1990.	1.5	49
141	Calf management practices and associations with herd-level morbidity and mortality on beef cow-calf operations. Animal, 2016, 10, 468-477.	1.3	36
142	Profiles of Lamina Propria T Helper Cell Subsets Discriminate Between Ulcerative Colitis and CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 1779-1792.	0.9	73
143	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.	0.2	56
144	Dairy farmersâ€™ perceptions toward the implementation of on-farm Johneâ€™s disease prevention and control strategies. Journal of Dairy Science, 2016, 99, 9114-9125.	1.4	37

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145	Relative frequency of 4 major strain types of Mycobacterium avium ssp. paratuberculosis in Canadian dairy herds using a novel single nucleotide polymorphism-based polymerase chain reaction. Journal of Dairy Science, 2016, 99, 8297-8303.	1.4	4
146	Identifying management and disease priorities of Canadian dairy industry stakeholders. Journal of Dairy Science, 2016, 99, 10194-10203.	1.4	31
147	Novel CD8+ T-Cell Subsets Demonstrating Plasticity in Patients with Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2016, 22, 1596-1608.	0.9	28
148	1074 The Concordance Between Disease Activity and Prevalence of Th1 Subsets in Patients With Inflammatory Bowel Disease. Gastroenterology, 2016, 150, S212-S213.	0.6	0
149	Prevalence and distribution of foot lesions in dairy cattle in Alberta, Canada. Journal of Dairy Science, 2016, 99, 6828-6841.	1.4	126
150	Risk factors for Mycoplasma bovis-associated disease in farmed bison (Bison bison) herds in western Canada: A case-control study. Preventive Veterinary Medicine, 2016, 129, 67-73.	0.7	6
151	Incidence rate of pathogen-specific clinical mastitis on conventional and organic Canadian dairy farms. Journal of Dairy Science, 2016, 99, 1341-1350.	1.4	93
152	Associations between lying behavior and lameness in Canadian Holstein-Friesian cows housed in freestall barns. Journal of Dairy Science, 2016, 99, 2086-2101.	1.4	82
153	Short communication: Evaluation of sampling socks for detection of Mycobacterium avium ssp. paratuberculosis on dairy farms. Journal of Dairy Science, 2016, 99, 2950-2955.	1.4	5
154	Dairy farms testing positive for Mycobacterium avium ssp. paratuberculosis have poorer hygiene practices and are less cautious when purchasing cattle than test-negative herds. Journal of Dairy Science, 2016, 99, 4526-4536.	1.4	22
155	Short communication: Herd-level prevalence of Mycobacterium avium ssp. paratuberculosis is not associated with participation in a voluntary Alberta Johneâ€™s disease control program. Journal of Dairy Science, 2016, 99, 2157-2160.	1.4	5
156	Genome-Wide Diversity and Phylogeography of Mycobacterium avium subsp. paratuberculosis in Canadian Dairy Cattle. PLoS ONE, 2016, 11, e0149017.	1.1	24
157	Factors associated with participation of Alberta dairy farmers in a voluntary, management-based Johneâ€™s disease control program. Journal of Dairy Science, 2015, 98, 7831-7845.	1.4	41
158	Technical note: Accuracy of an ear tag-attached accelerometer to monitor rumination and feeding behavior in feedlot cattle1. Journal of Animal Science, 2015, 93, 3164-3168.	0.2	64
159	Feeding behavior as an early predictor of bovine respiratory disease in North American feedlot systems1. Journal of Animal Science, 2015, 93, 377-385.	0.2	49
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