Herman W. Barkema

List of Publications by Year
in descending order

353	22,476	11608	12558
papers	citations	70 h-index	132 g-index

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

#	Article	IF	Citations
1	Increasing Incidence and Prevalence of the Inflammatory Bowel Diseases With Time, Based on Systematic Review. Gastroenterology, 2012, 142, 46-54.e42.	0.6	4,013
2	Risk of Surgery for Inflammatory Bowel Diseases Has Decreased Over Time: A Systematic Review and Meta-analysis of Population-Based Studies. Gastroenterology, 2013, 145, 996-1006.	0.6	670
3	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
4	Invited Review: The Role of Cow, Pathogen, and Treatment Regimen in the Therapeutic Success of Bovine Staphylococcus aureus Mastitis. Journal of Dairy Science, 2006, 89, 1877-1895.	1.4	497
5	Invited review: Mastitis in dairy heifers: Nature of the disease, potential impact, prevention, and control. Journal of Dairy Science, 2012, 95, 1025-1040.	1.4	382
6	Invited review: Changes in the dairy industry affecting dairy cattle health and welfare. Journal of Dairy Science, 2015, 98, 7426-7445.	1.4	382
7	Incidence of Clinical Mastitis in Dairy Herds Grouped in Three Categories by Bulk Milk Somatic Cell Counts. Journal of Dairy Science, 1998, 81, 411-419.	1.4	367
8	Evaluation of three ELISAs for Mycobacterium avium subsp. paratuberculosis using tissue and fecal culture as comparison standards. Veterinary Microbiology, 2005, 110, 105-111.	0.8	350
9	Incidence Rate of Clinical Mastitis on Canadian Dairy Farms. Journal of Dairy Science, 2008, 91, 1366-1377.	1.4	340
10	Incidence of primary sclerosing cholangitis: A systematic review and meta-analysis. Hepatology, 2011, 53, 1590-1599.	3.6	230
11	Control of paratuberculosis: who, why and how. A review of 48 countries. BMC Veterinary Research, 2019, 15, 198.	0.7	219
12	Environmental Particulate Matter Induces Murine Intestinal Inflammatory Responses and Alters the Gut Microbiome. PLoS ONE, 2013, 8, e62220.	1.1	210
13	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
14	Cow- and Quarter-Level Risk Factors for Streptococcus uberis and Staphylococcus aureus Mastitis. Journal of Dairy Science, 2001, 84, 2649-2663.	1.4	184
15	Prevalence of lameness and associated risk factors in Canadian Holstein-Friesian cows housed in freestall barns. Journal of Dairy Science, 2015, 98, 6978-6991.	1.4	183
16	Antimicrobial use on Canadian dairy farms. Journal of Dairy Science, 2012, 95, 1209-1221.	1.4	179
17	Management Practices Associated with the Incidence Rate of Clinical Mastitis. Journal of Dairy Science, 1999, 82, 1643-1654.	1.4	176
18	The Effect of Season on Somatic Cell Count and the Incidence of Clinical Mastitis. Journal of Dairy Science, 2007, 90, 1704-1715.	1.4	168

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19	Increased Prevalence of Circulating Novel IL-17 Secreting Foxp3 Expressing CD4+ T Cells and Defective Suppressive Function of Circulating Foxp3+ Regulatory Cells Support Plasticity Between Th17 and Regulatory T Cells in Inflammatory Bowel Disease Patients. Inflammatory Bowel Diseases, 2013, 19, 2522-2534.	0.9	162
20	Management Practices Associated with Low, Medium, and High Somatic Cell Counts in Bulk Milk. Journal of Dairy Science, 1998, 81, 1917-1927.	1.4	159
21	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
22	Prevalence and distribution of mastitis pathogens in subclinically infected dairy cows in Flanders, Belgium. Journal of Dairy Research, 2007, 74, 478-483.	0.7	155
23	Incidence of clinical mastitis and distribution of pathogens on large Chinese dairy farms. Journal of Dairy Science, 2017, 100, 4797-4806.	1.4	154
24	Invited review: The role of contagious disease in udder health. Journal of Dairy Science, 2009, 92, 4717-4729.	1.4	149
25	Factors Associated with Cure after Therapy of Clinical Mastitis Caused by Staphylococcus aureus. Journal of Dairy Science, 2000, 83, 278-284.	1.4	147
26	Dogs shed Neospora caninum oocysts after ingestion of naturally infected bovine placenta but not after ingestion of colostrum spiked with Neospora caninum tachyzoites. International Journal for Parasitology, 2001, 31, 747-752.	1.3	141
27	Symposium review: Novel strategies to genetically improve mastitis resistance in dairy cattle. Journal of Dairy Science, 2018, 101, 2724-2736.	1.4	140
28	Management Style and Its Association with Bulk Milk Somatic Cell Count and Incidence Rate of Clinical Mastitis. Journal of Dairy Science, 1999, 82, 1655-1663.	1.4	138
29	Clinical, epidemiological and molecular characteristics of Streptococcus uberis infections in dairy herds. Epidemiology and Infection, 2003, 130, 335-349.	1.0	136
30	Invited review: Effect of udder health management practices on herd somatic cell count. Journal of Dairy Science, 2011, 94, 563-579.	1.4	134
31	Analytical specificity and sensitivity of a real-time polymerase chain reaction assay for identification of bovine mastitis pathogens. Journal of Dairy Science, 2009, 92, 952-959.	1.4	130
32	Comparison of Staphylococcus aureus Isolates from Bovine and Human Skin, Milking Equipment, and Bovine Milk by Phage Typing, Pulsed-Field Gel Electrophoresis, and Binary Typing. Journal of Clinical Microbiology, 2002, 40, 3894-3902.	1.8	129
33	Estimation of Interdependence Among Quarters of the Bovine Udder with Subclinical Mastitis and Implications for Analysis. Journal of Dairy Science, 1997, 80, 1592-1599.	1.4	127
34	The National Cohort of Dairy Farmsâ€"A data collection platform for mastitis research in Canada. Journal of Dairy Science, 2011, 94, 1616-1626.	1.4	126
35	Prevalence and distribution of foot lesions in dairy cattle in Alberta, Canada. Journal of Dairy Science, 2016, 99, 6828-6841.	1.4	126
36	The Effect of Pathogen-Specific Clinical Mastitis on the Lactation Curve for Somatic Cell Count. Journal of Dairy Science, 2002, 85, 1314-1323.	1.4	125

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37	The relationship between urban environment and the inflammatory bowel diseases: a systematic review and meta-analysis. BMC Gastroenterology, 2012, 12, 51.	0.8	124
38	Application of Pulsed-Field Gel Electrophoresis and Binary Typing as Tools in Veterinary Clinical Microbiology and Molecular Epidemiologic Analysis of Bovine and Human Staphylococcus aureus Isolates. Journal of Clinical Microbiology, 2000, 38, 1931-1939.	1.8	124
39	Herd-Level Mastitis-Associated Costs on Canadian Dairy Farms. Frontiers in Veterinary Science, 2018, 5, 100.	0.9	122
40	Environment and the Inflammatory Bowel Diseases. Canadian Journal of Gastroenterology & Hepatology, 2013, 27, e18-e24.	1.8	121
41	Dogs as Sources and Sentinels of Parasites in Humans and Wildlife, Northern Canada. Emerging Infectious Diseases, 2008, 14, 60-63.	2.0	113
42	The effects of lameness on reproductive performance, milk production and culling in Dutch dairy farms. Preventive Veterinary Medicine, 1994, 20, 249-259.	0.7	111
43	Classification and Longitudinal Examination of Callused Teat Ends in Dairy Cows. Journal of Dairy Science, 2000, 83, 2795-2804.	1.4	107
44	Antimicrobial resistance (AMR) in COVID-19 patients: a systematic review and meta-analysis (November) Tj ETQq0 0 0 rgBT /Overlock 10	1.5	102
45	Associations Between Pathogen-Specific Cases of Clinical Mastitis and Somatic Cell Count Patterns. Journal of Dairy Science, 2004, 87, 95-105.	1.4	99
46	Relationship Between Teat-End Callosity and Occurrence of Clinical Mastitis. Journal of Dairy Science, 2001, 84, 2664-2672.	1.4	97
47	Risk Factors for Clinical Mastitis in a Random Sample of Dairy Herds from the Southern Part of The Netherlands. Journal of Dairy Science, 1998, 81, 420-426.	1.4	96
48	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
49	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
50	Recurrent Clinical Mastitis Caused by Escherichia coli in Dairy Cows. Journal of Dairy Science, 1999, 82, 80-85.	1.4	91
51	Antimicrobial resistance profiles of common mastitis pathogens on Canadian dairy farms. Journal of Dairy Science, 2012, 95, 4319-4332.	1.4	89
52	Probability of and risk factors for introduction of infectious diseases into Dutch SPF dairy farms: a cohort study. Preventive Veterinary Medicine, 2002, 54, 279-289.	0.7	87
53	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
54	Prevalence and herd-level risk factors for intramammary infection with coagulase-negative staphylococci in Dutch dairy herds. Veterinary Microbiology, 2009, 134, 37-44.	0.8	86

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55	Use of long-term vaccination with a killed vaccine to prevent fecal shedding ofMycobacterium aviumsubspparatuberculosisin dairy herds. American Journal of Veterinary Research, 2001, 62, 270-274.	0.3	84
56	Challenges associated with identifying the environmental determinants of the inflammatory bowel diseases. Inflammatory Bowel Diseases, 2011, 17, 1792-1799.	0.9	84
57	The Influence of Cow Factors on the Incidence of Clinical Mastitis in Dairy Cows. Journal of Dairy Science, 2008, 91, 1391-1402.	1.4	83
58	Manageable risk factors associated with the lactational incidence, elimination, and prevalence of Staphylococcus aureus intramammary infections in dairy cows. Journal of Dairy Science, 2012, 95, 1283-1300.	1.4	83
59	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
60	Analysis of an Outbreak of Streptococcus uberis Mastitis. Journal of Dairy Science, 2001, 84, 590-599.	1.4	82
61	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
62	Heifers infected with coagulase-negative staphylococci in early lactation have fewer cases of clinical mastitis and higher milk production in their first lactation than noninfected heifers. Journal of Dairy Science, 2010, 93, 2014-2024.	1.4	80
63	Performance of API Staph ID 32 and Staph-Zym for identification of coagulase-negative staphylococci isolated from bovine milk samples. Veterinary Microbiology, 2009, 136, 300-305.	0.8	79
64	Knowledge gaps that hamper prevention and control ofMycobacterium aviumsubspeciesparatuberculosisinfection. Transboundary and Emerging Diseases, 2018, 65, 125-148.	1.3	79
65	Quarter-milk somatic cell count at calving and at the first six milkings after calving. Preventive Veterinary Medicine, 1999, 38, 1-9.	0.7	78
66	Prevalence and regional distribution of paratuberculosis in dairy herds in the Netherlands. Veterinary Microbiology, 2000, 77, 253-261.	0.8	78
67	Prevalence of intramammary infection in Dutch dairy herds. Journal of Dairy Research, 2009, 76, 129-136.	0.7	77
68	Meta-analysis of the effect of oral selenium supplementation on milk selenium concentration in cattle. Journal of Dairy Science, 2009, 92, 324-342.	1.4	77
69	Evidence of post-natal transmission of Neospora caninum in Dutch dairy herds. International Journal for Parasitology, 2001, 31, 209-215.	1.3	75
70	In vitro growth inhibition of major mastitis pathogens by Staphylococcus chromogenes originating from teat apices of dairy heifers. Veterinary Microbiology, 2004, 101, 215-221.	0.8	75
71	Somatic Cell Count Distributions During Lactation Predict Clinical Mastitis. Journal of Dairy Science, 2004, 87, 1256-1264.	1.4	75
72	Herd-level association between antimicrobial use and antimicrobial resistance in bovine mastitis Staphylococcus aureus isolates on Canadian dairy farms. Journal of Dairy Science, 2012, 95, 1921-1929.	1.4	75

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73	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
74	Natural transmission routes of Neospora caninum between farm dogs and cattle. Veterinary Parasitology, 2002, 105, 99-104.	0.7	73
75	Prepartum teat apex colonization with Staphylococcus chromogenes in dairy heifers is associated with low somatic cell count in early lactation. Veterinary Microbiology, 2003, 92, 245-252.	0.8	73
76	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
77	A mathematical model of Staphylococcus aureus control in dairy herds. Epidemiology and Infection, 2002, 129, 397-416.	1.0	72
78	Limitations of variable number of tandem repeat typing identified through whole genome sequencing of Mycobacterium avium subsp. paratuberculosis on a national and herd level. BMC Genomics, 2015, 16, 161.	1.2	71
79	Prevalence of non-aureus staphylococci species causing intramammary infections in Canadian dairy herds. Journal of Dairy Science, 2017, 100, 5592-5612.	1.4	70
80	Impact of Early Lactation Somatic Cell Count in Heifers on Milk Yield Over the First Lactation. Journal of Dairy Science, 2005, 88, 938-947.	1.4	69
81	Management practices associated with the bulk-milk prevalence of Staphylococcus aureus in Canadian dairy farms. Preventive Veterinary Medicine, 2010, 97, 20-28.	0.7	68
82	Pathogen group specific risk factors at herd, heifer and quarter levels for intramammary infections in early lactating dairy heifers. Preventive Veterinary Medicine, 2011, 99, 91-101.	0.7	66
83	Prevalence of and factors associated with hock, knee, and neck injuries on dairy cows in freestall housing in Canada. Journal of Dairy Science, 2014, 97, 173-184.	1.4	65
84	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
85	Population dynamics of bovine herpesvirus 1 infection in a dairy herd. Veterinary Microbiology, 1996, 53, 169-180.	0.8	63
86	Culture of Strategically Pooled Bovine Fecal Samples as a Method to Screen Herds for Paratuberculosis. Journal of Veterinary Diagnostic Investigation, 2000, 12, 547-551.	0.5	63
87	Cow-specific treatment of clinical mastitis: An economic approach. Journal of Dairy Science, 2011, 94, 174-188.	1.4	63
88	Evaluation of age-dependent susceptibility in calves infected with two doses of Mycobacterium avium subspecies paratuberculosis using pathology and tissue culture. Veterinary Research, 2013, 44, 94.	1.1	61
89	NEOSPORA CANINUMâ€“LIKE OOCYSTS OBSERVED IN FECES OF FREE-RANGING RED FOXES (VULPES VULPES) AND COYOTES (CANIS LATRANS). Journal of Parasitology, 2006, 92, 1270-1274.	0.3	60
90	Herd-level diagnosis for Salmonella enterica subsp. enterica serovar Dublin infection in bovine dairy herds. Preventive Veterinary Medicine, 2002, 53, 31-42.	0.7	59

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91	Canadian National Dairy Study: Heifer calf management. Journal of Dairy Science, 2018, 101, 10565-10579.	1.4	58
92	Associations of dairy cow behavior, barn hygiene, cow hygiene, and risk of elevated somatic cell count. Journal of Dairy Science, 2012, 95, 5730-5739.	1.4	57
93	Specificity of two tests for the early diagnosis of bovine paratuberculosis based on cell-mediated immunity: the Johnin skin test and the gamma interferon assay. Veterinary Microbiology, 2003, 97, 73-86.	0.8	56
94	Phenotypic Features of Crohn's Disease Associated With Failure of Medical Treatment. Clinical Gastroenterology and Hepatology, 2014, 12, 434-442.e1.	2.4	56
95	Living with Inflammatory Bowel Disease: A Crohnâ€™s and Colitis Canada Survey. Canadian Journal of Gastroenterology and Hepatology, 2015, 29, 77-84.	0.8	56
96	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
97	Risk factors for clinical Salmonella enterica subsp. enterica serovar Typhimurium infection on Dutch dairy farms. Preventive Veterinary Medicine, 2002, 54, 157-168.	0.7	55
98	Shedding patterns of dairy calves experimentally infected with Mycobacterium avium subspecies paratuberculosis. Veterinary Research, 2014, 45, 71.	1.1	55
99	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
100	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
101	Retained placenta in Friesian mares: incidence, and potential risk factors with special emphasis on gestational length. Theriogenology, 2004, 61, 851-859.	0.9	54
102	Invited review: Academic and applied approach to evaluating longevity in dairy cows. Journal of Dairy Science, 2020, 103, 11008-11024.	1.4	54
103	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
104	Non-aureus Staphylococci and Bovine Udder Health: Current Understanding and Knowledge Gaps. Frontiers in Veterinary Science, 2021, 8, 658031.	0.9	52
105	Point source exposure of cattle to Neospora caninum consistent with periods of common housing and feeding and related to the introduction of a dog. Veterinary Parasitology, 2002, 105, 89-98.	0.7	51
106	Management Practices and Heifer Characteristics Associated with Early Lactation Somatic Cell Count of Belgian Dairy Heifers. Journal of Dairy Science, 2004, 87, 937-947.	1.4	50
107	Association Between Somatic Cell Count in Early Lactation and Culling of Dairy Heifers Using Cox Frailty Models. Journal of Dairy Science, 2005, 88, 560-568.	1.4	50
108	Factors Influencing the Isolation of Mycobacterium Avium Subsp. Paratuberculosis from Bovine Fecal Samples. Journal of Veterinary Diagnostic Investigation, 1999, 11, 345-351.	0.5	49

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109	Cow-Level Prevalence of Paratuberculosis in Culled Dairy Cows in Atlantic Canada and Maine. Journal of Dairy Science, 2004, 87, 3770-3777.	1.4	49
110	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
111	Comprehensive Phylogenetic Analysis of Bovine Non-aureus Staphylococci Species Based on Whole-Genome Sequencing. Frontiers in Microbiology, 2016, 7, 1990.	1.5	49
112	Metabolomic Profiling in Cattle Experimentally Infected with Mycobacterium avium subsp. paratuberculosis. PLoS ONE, 2014, 9, e111872.	1.1	49
113	Certification of herds as free of Mycobacterium paratuberculosis infection: actual pooled faecal results versus certification model predictions. Preventive Veterinary Medicine, 2004, 65, 189-204.	0.7	48
114	Economic losses due to Johne's disease (paratuberculosis) in dairy cattle. Journal of Dairy Science, 2021, 104, 3123-3143.	1.4	48
115	Impact of Early Lactation Somatic Cell Count in Heifers on Somatic Cell Counts Over the First Lactation. Journal of Dairy Science, 2004, 87, 3672-3682.	1.4	47
116	Comparison of serological methods for the diagnosis of Neospora caninum infection in cattle. Veterinary Parasitology, 2007, 143, 166-173.	0.7	47
117	Impact of intramammary infections in dairy heifers on future udder health, milk production, and culling. Veterinary Microbiology, 2009, 134, 113-120.	0.8	47
118	Zoonotic potential of Giardia duodenalis and Cryptosporidium spp. and prevalence of intestinal parasites in young dogs from different populations on Prince Edward Island, Canada. Veterinary Parasitology, 2013, 196, 509-514.	0.7	47
119	High herd-level prevalence of Mycobacterium avium subspecies paratuberculosis in Western Canadian dairy farms, based on environmental sampling. Journal of Dairy Science, 2014, 97, 6250-6259.	1.4	47
120	Missing pieces of the puzzle to effectively control digital dermatitis. Transboundary and Emerging Diseases, 2018, 65, 186-198.	1.3	47
121	Evaluation of a single serological screening of dairy herds for Neospora caninum antibodies. Veterinary Parasitology, 2003, 110, 161-169.	0.7	46
122	Foodborne Illness Associated with Cryptosporidium and Giardia from Livestock. Journal of Food Protection, 2011, 74, 1944-1955.	0.8	46
123	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
124	Bacteriocins of Non-aureus Staphylococci Isolated from Bovine Milk. Applied and Environmental Microbiology, 2017, 83, .	1.4	46
125	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
126	Evaluation of a risk-screening questionnaire to detect equine lung inflammation: Results of a large field study. Equine Veterinary Journal, 2011, 43, 145-152.	0.9	45

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127	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
128	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
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	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
131	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
132	Evaluation of Two Absorbed Enzyme-Linked Immunosorbent Assays and a Complement Fixation Test as Replacements for Fecal Culture in the Detection of Cows SheddingMycobacterium AviumSubspeciesParatuberculosis. Journal of Veterinary Diagnostic Investigation, 2002, 14, 219-224.	0.5	43
133	Test characteristics from latent-class models of the California Mastitis Test. Preventive Veterinary Medicine, 2006, 77, 96-108.	0.7	43
134	Exposure to Ingested Airborne Pollutant Particulate Matter Increases Mucosal Exposure to Bacteria and Induces Early Onset of Inflammation in Neonatal IL-10â€“Deficient Mice. Inflammatory Bowel Diseases, 2014, 20, 1129-1138.	0.9	43
135	Milk production and reproduction during a subclinical bovine herpesvirus 1 infection on a dairy farm. Preventive Veterinary Medicine, 1998, 34, 97-106.	0.7	42
136	<scp>G</scp>iardia and <scp>C</scp>ryptosporidium on Dairy Farms and the Role these Farms May Play in Contaminating Water Sources in <scp>P</scp>rince <scp>E</scp>dward <scp>I</scp>sland, <scp>C</scp>anada. Journal of Veterinary Internal Medicine, 2012, 26, 668-673.	0.6	41
137	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
138	Intrapartum Corticosteroid use Significantly Increases the Risk of Gestational Diabetes in Women with Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2015, 9, 223-230.	0.6	41
139	Seroprevalence of pestivirus in four species of alpine wild ungulates in the High Valley of Susa, Italy. Veterinary Microbiology, 2005, 108, 297-303.	0.8	40
140	Development and validation of a bilingual questionnaire for measuring udder health related management practices on dairy farms. Preventive Veterinary Medicine, 2010, 95, 74-85.	0.7	40
141	Susceptibility to and diagnosis of Mycobacterium avium subspecies paratuberculosis infection in dairy calves: A review. Preventive Veterinary Medicine, 2015, 121, 189-198.	0.7	40
142	Association of Levels of Specialized Care With Risk of Premature Mortality in Patients With Epilepsy. JAMA Neurology, 2019, 76, 1352.	4.5	40
143	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
144	Effect of preculture freezing and incubation on bacteriological isolation from subclinical mastitis samples. Veterinary Microbiology, 2002, 85, 241-249.	0.8	39

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145	Gene-expression profiling of calves 6 and 9 months after inoculation with Mycobacterium avium subspecies paratuberculosis. Veterinary Research, 2014, 45, 96.	1.1	39
146	Occurrence of Giardia and Cryptosporidium in pigs on Prince Edward Island, Canada. Veterinary Parasitology, 2012, 184, 18-24.	0.7	38
147	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
148	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
149	Serum calcium and magnesium concentrations and the use of a calciumâ€“magnesium-borogluconate solution in the treatment of Friesian mares with retained placenta. Theriogenology, 2002, 57, 941-947.	0.9	37
150	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
151	Effectiveness of a standardized footbath protocol for prevention of digital dermatitis. Journal of Dairy Science, 2017, 100, 1295-1307.	1.4	37
152	Canadian National Dairy Study: Herd-level milk quality. Journal of Dairy Science, 2018, 101, 2679-2691.	1.4	37
153	Giardia duodenalis and Cryptosporidium spp. in a veterinary college bovine teaching herd. Veterinary Parasitology, 2006, 142, 231-237.	0.7	36
154	Calf management practices and associations with herd-level morbidity and mortality on beef cow-calf operations. Animal, 2016, 10, 468-477.	1.3	36
155	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
156	Somatic Cell Count During and Between Milkings. Journal of Dairy Science, 2007, 90, 3733-3741.	1.4	35
157	Herd-level relationship between antimicrobial use and presence or absence of antimicrobial resistance in gram-negative bovine mastitis pathogens on Canadian dairy farms. Journal of Dairy Science, 2013, 96, 4965-4976.	1.4	35
158	Economic evaluation of participation in a voluntary Johne's disease prevention and control program from a farmer's perspectiveâ€“The Alberta Johne's Disease Initiative. Journal of Dairy Science, 2014, 97, 2822-2834.	1.4	35
159	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
160	Evaluation of Three Newly Developed Enzyme-Linked Immunosorbent Assays and Two Agglutination Tests for Detecting Salmonella enterica subsp. enterica Serovar Dublin Infections in Dairy Cattle. Journal of Clinical Microbiology, 2000, 38, 4402-4407.	1.8	35
161	The effect of discontinuation of postmilking teat disinfection in low somatic cell count herds. II. Dynamics of intramammary infections. Veterinary Quarterly, 1997, 19, 47-53.	3.0	34
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326	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
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328	Communication preferences and social media engagement among Canadian dairy producers. Journal of Dairy Science, 2020, 103, 12128-12139.	1.4	4
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344	Tu1710 Up-Regulation of IL-10 and FOXP3 Regulatory T Cells At the Early Subclinical Stage of Experimental Paratuberculosis Infection in Calves. Gastroenterology, 2013, 144, S-827-S-828.	0.6	0
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