

Herman W. Barkema

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335
papers

16,349
citations

61
h-index

115
g-index

359
ext. papers

19,463
ext. citations

3.7
avg, IF

6.54
L-index

#	Paper	IF	Citations
335	Increasing incidence and prevalence of the inflammatory bowel diseases with time, based on systematic review. <i>Gastroenterology</i> , 2012 , 142, 46-54.e42; quiz e30	13.3	3167
334	Risk of surgery for inflammatory bowel diseases has decreased over time: a systematic review and meta-analysis of population-based studies. <i>Gastroenterology</i> , 2013 , 145, 996-1006	13.3	495
333	Invited Review: The role of cow, pathogen, and treatment regimen in the therapeutic success of bovine <i>Staphylococcus aureus</i> mastitis. <i>Journal of Dairy Science</i> , 2006 , 89, 1877-95	4	375
332	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. <i>Lancet Planetary Health, The</i> , 2017 , 1, e316-e327	9.8	339
331	Incidence of clinical mastitis in dairy herds grouped in three categories by bulk milk somatic cell counts. <i>Journal of Dairy Science</i> , 1998 , 81, 411-9	4	301
330	Evaluation of three ELISAs for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> using tissue and fecal culture as comparison standards. <i>Veterinary Microbiology</i> , 2005 , 110, 105-11	3.3	284
329	Incidence rate of clinical mastitis on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2008 , 91, 1366-77	4	273
328	Invited review: Mastitis in dairy heifers: nature of the disease, potential impact, prevention, and control. <i>Journal of Dairy Science</i> , 2012 , 95, 1025-40	4	258
327	Invited review: Changes in the dairy industry affecting dairy cattle health and welfare. <i>Journal of Dairy Science</i> , 2015 , 98, 7426-45	4	254
326	Incidence of primary sclerosing cholangitis: a systematic review and meta-analysis. <i>Hepatology</i> , 2011 , 53, 1590-9	11.2	176
325	Environmental particulate matter induces murine intestinal inflammatory responses and alters the gut microbiome. <i>PLoS ONE</i> , 2013 , 8, e62220	3.7	156
324	Cow- and quarter-level risk factors for <i>Streptococcus uberis</i> and <i>Staphylococcus aureus</i> mastitis. <i>Journal of Dairy Science</i> , 2001 , 84, 2649-63	4	149
323	Management practices associated with the incidence rate of clinical mastitis. <i>Journal of Dairy Science</i> , 1999 , 82, 1643-54	4	141
322	Management practices associated with low, medium, and high somatic cell counts in bulk milk. <i>Journal of Dairy Science</i> , 1998 , 81, 1917-27	4	131
321	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. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 2188-2194	4.5	130
320	Prevalence and distribution of mastitis pathogens in subclinically infected dairy cows in Flanders, Belgium. <i>Journal of Dairy Research</i> , 2007 , 74, 478-83	1.6	129
319	Dogs shed <i>Neospora caninum</i> oocysts after ingestion of naturally infected bovine placenta but not after ingestion of colostrum spiked with <i>Neospora caninum</i> tachyzoites. <i>International Journal for Parasitology</i> , 2001 , 31, 747-52	4.3	129

318	Invited review: Determinants of farmers' adoption of management-based strategies for infectious disease prevention and control. <i>Journal of Dairy Science</i> , 2017 , 100, 3329-3347	4	125
317	Prevalence of lameness and associated risk factors in Canadian Holstein-Friesian cows housed in freestall barns. <i>Journal of Dairy Science</i> , 2015 , 98, 6978-91	4	125
316	The effect of season on somatic cell count and the incidence of clinical mastitis. <i>Journal of Dairy Science</i> , 2007 , 90, 1704-15	4	125
315	Clinical, epidemiological and molecular characteristics of <i>Streptococcus uberis</i> infections in dairy herds. <i>Epidemiology and Infection</i> , 2003 , 130, 335-49	4.3	119
314	Invited review: The role of contagious disease in udder health. <i>Journal of Dairy Science</i> , 2009 , 92, 4717-29	4	118
313	Management style and its association with bulk milk somatic cell count and incidence rate of clinical mastitis. <i>Journal of Dairy Science</i> , 1999 , 82, 1655-63	4	117
312	Antimicrobial use on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2012 , 95, 1209-21	4	116
311	Estimation of interdependence among quarters of the bovine udder with subclinical mastitis and implications for analysis. <i>Journal of Dairy Science</i> , 1997 , 80, 1592-9	4	115
310	Invited review: effect of udder health management practices on herd somatic cell count. <i>Journal of Dairy Science</i> , 2011 , 94, 563-79	4	111
309	Factors associated with cure after therapy of clinical mastitis caused by <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , 2000 , 83, 278-84	4	111
308	The National Cohort of Dairy Farms--a data collection platform for mastitis research in Canada. <i>Journal of Dairy Science</i> , 2011 , 94, 1616-26	4	107
307	Analytical specificity and sensitivity of a real-time polymerase chain reaction assay for identification of bovine mastitis pathogens. <i>Journal of Dairy Science</i> , 2009 , 92, 952-9	4	107
306	Comparison of <i>Staphylococcus aureus</i> isolates from bovine and human skin, milking equipment, and bovine milk by phage typing, pulsed-field gel electrophoresis, and binary typing. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 3894-902	9.7	105
305	Application of pulsed-field gel electrophoresis and binary typing as tools in veterinary clinical microbiology and molecular epidemiologic analysis of bovine and human <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 1931-9	9.7	104
304	Control of paratuberculosis: who, why and how. A review of 48 countries. <i>BMC Veterinary Research</i> , 2019 , 15, 198	2.7	103
303	The effect of pathogen-specific clinical mastitis on the lactation curve for somatic cell count. <i>Journal of Dairy Science</i> , 2002 , 85, 1314-23	4	102
302	The effects of lameness on reproductive performance, milk production and culling in Dutch dairy farms. <i>Preventive Veterinary Medicine</i> , 1994 , 20, 249-259	3.1	100
301	The relationship between urban environment and the inflammatory bowel diseases: a systematic review and meta-analysis. <i>BMC Gastroenterology</i> , 2012 , 12, 51	3	97

300	Incidence of clinical mastitis and distribution of pathogens on large Chinese dairy farms. <i>Journal of Dairy Science</i> , 2017 , 100, 4797-4806	4	96
299	Dogs as sources and sentinels of parasites in humans and wildlife, northern Canada. <i>Emerging Infectious Diseases</i> , 2008 , 14, 60-3	10.2	91
298	Classification and longitudinal examination of callused teat ends in dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 2795-804	4	91
297	Prevalence and distribution of foot lesions in dairy cattle in Alberta, Canada. <i>Journal of Dairy Science</i> , 2016 , 99, 6828-6841	4	84
296	Associations between pathogen-specific cases of clinical mastitis and somatic cell count patterns. <i>Journal of Dairy Science</i> , 2004 , 87, 95-105	4	84
295	Environment and the inflammatory bowel diseases. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2013 , 27, e18-24		83
294	Recurrent clinical mastitis caused by <i>Escherichia coli</i> in dairy cows. <i>Journal of Dairy Science</i> , 1999 , 82, 80-5	4	78
293	Relationship between teat-end callosity and occurrence of clinical mastitis. <i>Journal of Dairy Science</i> , 2001 , 84, 2664-72	4	77
292	Invited review: Microbiota of the bovine udder: Contributing factors and potential implications for udder health and mastitis susceptibility. <i>Journal of Dairy Science</i> , 2018 , 101, 10605-10625	4	76
291	Probability of and risk factors for introduction of infectious diseases into Dutch SPF dairy farms: a cohort study. <i>Preventive Veterinary Medicine</i> , 2002 , 54, 279-89	3.1	74
290	Prevalence and herd-level risk factors for intramammary infection with coagulase-negative staphylococci in Dutch dairy herds. <i>Veterinary Microbiology</i> , 2009 , 134, 37-44	3.3	73
289	Performance of API Staph ID 32 and Staph-Zym for identification of coagulase-negative staphylococci isolated from bovine milk samples. <i>Veterinary Microbiology</i> , 2009 , 136, 300-5	3.3	72
288	Risk factors for clinical mastitis in a random sample of dairy herds from the southern part of The Netherlands. <i>Journal of Dairy Science</i> , 1998 , 81, 420-6	4	72
287	Prevalence and regional distribution of paratuberculosis in dairy herds in The Netherlands. <i>Veterinary Microbiology</i> , 2000 , 77, 253-61	3.3	71
286	Evidence of post-natal transmission of <i>Neospora caninum</i> in Dutch dairy herds. <i>International Journal for Parasitology</i> , 2001 , 31, 209-15	4.3	70
285	Use of long-term vaccination with a killed vaccine to prevent fecal shedding of <i>Mycobacterium avium</i> subsp <i>paratuberculosis</i> in dairy herds. <i>American Journal of Veterinary Research</i> , 2001 , 62, 270-4	1.1	70
284	Analysis of an outbreak of <i>Streptococcus uberis</i> mastitis. <i>Journal of Dairy Science</i> , 2001 , 84, 590-9	4	70
283	Herd-Level Mastitis-Associated Costs on Canadian Dairy Farms. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 100	3.1	65

282	Natural transmission routes of <i>Neospora caninum</i> between farm dogs and cattle. <i>Veterinary Parasitology</i> , 2002 , 105, 99-104	2.8	64
281	Quarter-milk somatic cell count at calving and at the first six milkings after calving. <i>Preventive Veterinary Medicine</i> , 1999 , 38, 1-9	3.1	64
280	Antimicrobial resistance profiles of common mastitis pathogens on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2012 , 95, 4319-32	4	63
279	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. <i>Journal of Dairy Science</i> , 2010 , 93, 2014-24	4	63
278	Symposium review: Novel strategies to genetically improve mastitis resistance in dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 2724-2736	4	62
277	The influence of cow factors on the incidence of clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , 2008 , 91, 1391-402	4	62
276	Prepartum teat apex colonization with <i>Staphylococcus chromogenes</i> in dairy heifers is associated with low somatic cell count in early lactation. <i>Veterinary Microbiology</i> , 2003 , 92, 245-52	3.3	62
275	A mathematical model of <i>Staphylococcus aureus</i> control in dairy herds. <i>Epidemiology and Infection</i> , 2002 , 129, 397-416	4.3	62
274	Meta-analysis of the effect of oral selenium supplementation on milk selenium concentration in cattle. <i>Journal of Dairy Science</i> , 2009 , 92, 324-42	4	61
273	Challenges associated with identifying the environmental determinants of the inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 1792-9	4.5	59
272	Manageable risk factors associated with the lactational incidence, elimination, and prevalence of <i>Staphylococcus aureus</i> intramammary infections in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 1283-300	4	58
271	Somatic cell count distributions during lactation predict clinical mastitis. <i>Journal of Dairy Science</i> , 2004 , 87, 1256-64	4	58
270	Associations between lying behavior and lameness in Canadian Holstein-Friesian cows housed in freestall barns. <i>Journal of Dairy Science</i> , 2016 , 99, 2086-2101	4	57
269	Identification of bovine-associated coagulase-negative staphylococci by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry using a direct transfer protocol. <i>Journal of Dairy Science</i> , 2017 , 100, 2137-2147	4	56
268	Pathogen group specific risk factors at herd, heifer and quarter levels for intramammary infections in early lactating dairy heifers. <i>Preventive Veterinary Medicine</i> , 2011 , 99, 91-101	3.1	56
267	<i>Neospora caninum</i> -like oocysts observed in feces of free-ranging red foxes (<i>Vulpes vulpes</i>) and coyotes (<i>Canis latrans</i>). <i>Journal of Parasitology</i> , 2006 , 92, 1270-4	0.9	56
266	In vitro growth inhibition of major mastitis pathogens by <i>Staphylococcus chromogenes</i> originating from teat apices of dairy heifers. <i>Veterinary Microbiology</i> , 2004 , 101, 215-21	3.3	56
265	Prevalence of intramammary infection in Dutch dairy herds. <i>Journal of Dairy Research</i> , 2009 , 76, 129-36	1.6	54

264	Management practices associated with the bulk-milk prevalence of <i>Staphylococcus aureus</i> in Canadian dairy farms. <i>Preventive Veterinary Medicine</i> , 2010 , 97, 20-8	3.1	54
263	Culture of strategically pooled bovine fecal samples as a method to screen herds for paratuberculosis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2000 , 12, 547-51	1.5	53
262	Population dynamics of bovine herpesvirus 1 infection in a dairy herd. <i>Veterinary Microbiology</i> , 1996 , 53, 169-80	3.3	53
261	Incidence rate of pathogen-specific clinical mastitis on conventional and organic Canadian dairy farms. <i>Journal of Dairy Science</i> , 2016 , 99, 1341-1350	4	52
260	Profiles of Lamina Propria T Helper Cell Subsets Discriminate Between Ulcerative Colitis and Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 1779-92	4.5	52
259	Impact of early lactation somatic cell count in heifers on milk yield over the first lactation. <i>Journal of Dairy Science</i> , 2005 , 88, 938-47	4	50
258	Prevalence of and factors associated with hock, knee, and neck injuries on dairy cows in freestall housing in Canada. <i>Journal of Dairy Science</i> , 2014 , 97, 173-84	4	49
257	Cow-specific treatment of clinical mastitis: an economic approach. <i>Journal of Dairy Science</i> , 2011 , 94, 174-88	4	49
256	Herd-level diagnosis for <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Dublin infection in bovine dairy herds. <i>Preventive Veterinary Medicine</i> , 2002 , 53, 31-42	3.1	49
255	Point source exposure of cattle to <i>Neospora caninum</i> consistent with periods of common housing and feeding and related to the introduction of a dog. <i>Veterinary Parasitology</i> , 2002 , 105, 89-98	2.8	49
254	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. <i>Veterinary Microbiology</i> , 2003 , 97, 73-86 ^{3.3}	3.3	49
253	Chlorogenic acid promotes the Nrf2/HO-1 anti-oxidative pathway by activating p21 to resist dexamethasone-induced apoptosis in osteoblastic cells. <i>Free Radical Biology and Medicine</i> , 2019 , 137, 1-12	7.8	48
252	Limitations of variable number of tandem repeat typing identified through whole genome sequencing of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> on a national and herd level. <i>BMC Genomics</i> , 2015 , 16, 161	4.5	46
251	Herd-level association between antimicrobial use and antimicrobial resistance in bovine mastitis <i>Staphylococcus aureus</i> isolates on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2012 , 95, 1921-9	4	46
250	Risk factors for clinical <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium infection on Dutch dairy farms. <i>Preventive Veterinary Medicine</i> , 2002 , 54, 157-68	3.1	46
249	Retained placenta in Friesian mares: incidence, and potential risk factors with special emphasis on gestational length. <i>Theriogenology</i> , 2004 , 61, 851-9	2.8	46
248	Knowledge gaps that hamper prevention and control of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>Transboundary and Emerging Diseases</i> , 2018 , 65 Suppl 1, 125-148	4.2	45
247	Technical note: Accuracy of an ear tag-attached accelerometer to monitor rumination and feeding behavior in feedlot cattle. <i>Journal of Animal Science</i> , 2015 , 93, 3164-8	0.7	45

246	Ulcerative Colitis Patients With Clostridium difficile 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	0.7	45
245	Antimicrobial resistance profiles of 5 common bovine mastitis pathogens in large Chinese dairy herds. <i>Journal of Dairy Science</i> , 2019 , 102, 2416-2426	4	45
244	Evaluation of age-dependent susceptibility in calves infected with two doses of Mycobacterium avium subspecies paratuberculosis using pathology and tissue culture. <i>Veterinary Research</i> , 2013 , 44, 94	3.8	44
243	Cow-level prevalence of paratuberculosis in culled dairy cows in Atlantic Canada and Maine. <i>Journal of Dairy Science</i> , 2004 , 87, 3770-7	4	44
242	Phenotypic features of Crohn's disease associated with failure of medical treatment. <i>Clinical Gastroenterology and Hepatology</i> , 2014 , 12, 434-42.e1	6.9	43
241	Certification of herds as free of Mycobacterium paratuberculosis infection: actual pooled faecal results versus certification model predictions. <i>Preventive Veterinary Medicine</i> , 2004 , 65, 189-204	3.1	43
240	Evaluation of a single serological screening of dairy herds for Neospora caninum antibodies. <i>Veterinary Parasitology</i> , 2003 , 110, 161-9	2.8	43
239	Management practices and heifer characteristics associated with early lactation somatic cell count of Belgian dairy heifers. <i>Journal of Dairy Science</i> , 2004 , 87, 937-47	4	42
238	Prevalence of non-aureus staphylococci species causing intramammary infections in Canadian dairy herds. <i>Journal of Dairy Science</i> , 2017 , 100, 5592-5612	4	41
237	High herd-level prevalence of Mycobacterium avium subspecies paratuberculosis in Western Canadian dairy farms, based on environmental sampling. <i>Journal of Dairy Science</i> , 2014 , 97, 6250-9	4	41
236	Shedding patterns of dairy calves experimentally infected with Mycobacterium avium subspecies paratuberculosis. <i>Veterinary Research</i> , 2014 , 45, 71	3.8	41
235	Association between somatic cell count in early lactation and culling of dairy heifers using cox frailty models. <i>Journal of Dairy Science</i> , 2005 , 88, 560-8	4	41
234	Living with inflammatory bowel disease: A Crohn's and Colitis Canada survey. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2015 , 29, 77-84	2.8	40
233	Comparison of serological methods for the diagnosis of Neospora caninum infection in cattle. <i>Veterinary Parasitology</i> , 2007 , 143, 166-73	2.8	40
232	Associations of dairy cow behavior, barn hygiene, cow hygiene, and risk of elevated somatic cell count. <i>Journal of Dairy Science</i> , 2012 , 95, 5730-9	4	39
231	Foodborne illness associated with Cryptosporidium and Giardia from livestock. <i>Journal of Food Protection</i> , 2011 , 74, 1944-55	2.5	39
230	Evaluation of a risk-screening questionnaire to detect equine lung inflammation: results of a large field study. <i>Equine Veterinary Journal</i> , 2011 , 43, 145-52	2.4	38
229	Distribution of non-aureus staphylococci species in udder quarters with low and high somatic cell count, and clinical mastitis. <i>Journal of Dairy Science</i> , 2017 , 100, 5613-5627	4	37

228	Feeding behavior as an early predictor of bovine respiratory disease in North American feedlot systems. <i>Journal of Animal Science</i> , 2015 , 93, 377-85	0.7	37
227	Impact of intramammary infections in dairy heifers on future udder health, milk production, and culling. <i>Veterinary Microbiology</i> , 2009 , 134, 113-20	3.3	37
226	Impact of early lactation somatic cell count in heifers on somatic cell counts over the first lactation. <i>Journal of Dairy Science</i> , 2004 , 87, 3672-82	4	37
225	Factors influencing the isolation of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> from bovine fecal samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 1999 , 11, 345-51	1.5	37
224	Invited review: Incidence, risk factors, and effects of clinical mastitis recurrence in dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 4729-4746	4	36
223	Seroprevalence of pestivirus in four species of alpine wild ungulates in the High Valley of Susa, Italy. <i>Veterinary Microbiology</i> , 2005 , 108, 297-303	3.3	36
222	Evaluation of two absorbed enzyme-linked immunosorbent assays and a complement fixation test as replacements for fecal culture in the detection of cows shedding <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Journal of Veterinary Diagnostic Investigation</i> , 2002 , 14, 219-24	1.5	36
221	The Features of Fecal and Ileal Mucosa-Associated Microbiota in Dairy Calves during Early Infection with <i>Mycobacterium avium</i> Subspecies <i>paratuberculosis</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 426	5.7	36
220	Zoonotic potential of <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. and prevalence of intestinal parasites in young dogs from different populations on Prince Edward Island, Canada. <i>Veterinary Parasitology</i> , 2013 , 196, 509-14	2.8	35
219	Effect of preculture freezing and incubation on bacteriological isolation from subclinical mastitis samples. <i>Veterinary Microbiology</i> , 2002 , 85, 241-9	3.3	35
218	<i>Giardia</i> and <i>Cryptosporidium</i> on dairy farms and the role these farms may play in contaminating water sources in Prince Edward Island, Canada. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 668-73	3.1	34
217	Effect of transitioning to automatic milking systems on producers' perceptions of farm management and cow health in the Canadian dairy industry. <i>Journal of Dairy Science</i> , 2017 , 100, 2404-2414	4	33
216	Factors associated with participation of Alberta dairy farmers in a voluntary, management-based Johne's disease control program. <i>Journal of Dairy Science</i> , 2015 , 98, 7831-45	4	33
215	Development and validation of a bilingual questionnaire for measuring udder health related management practices on dairy farms. <i>Preventive Veterinary Medicine</i> , 2010 , 95, 74-85	3.1	33
214	Milk production and reproduction during a subclinical bovine herpesvirus 1 infection on a dairy farm. <i>Preventive Veterinary Medicine</i> , 1998 , 34, 97-106	3.1	33
213	Susceptibility to and diagnosis of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection in dairy calves: A review. <i>Preventive Veterinary Medicine</i> , 2015 , 121, 189-98	3.1	32
212	Test characteristics from latent-class models of the California Mastitis Test. <i>Preventive Veterinary Medicine</i> , 2006 , 77, 96-108	3.1	32
211	Somatic cell count during and between milkings. <i>Journal of Dairy Science</i> , 2007 , 90, 3733-41	4	32

210	Genetic parameters of pathogen-specific incidence of clinical mastitis in dairy cows. <i>Animal Science</i> , 2002 , 74, 233-242		32
209	Metabolomic profiling in cattle experimentally infected with Mycobacterium avium subsp. paratuberculosis. <i>PLoS ONE</i> , 2014 , 9, e111872	3.7	32
208	Comprehensive Phylogenetic Analysis of Bovine Non- Staphylococci Species Based on Whole-Genome Sequencing. <i>Frontiers in Microbiology</i> , 2016 , 7, 1990	5.7	32
207	Host defense cathelicidins in cattle: types, production, bioactive functions and potential therapeutic and diagnostic applications. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 813-821	14.3	31
206	Exposure to ingested airborne pollutant particulate matter increases mucosal exposure to bacteria and induces early onset of inflammation in neonatal IL-10-deficient mice. <i>Inflammatory Bowel Diseases</i> , 2014 , 20, 1129-38	4.5	31
205	Giardia duodenalis and Cryptosporidium spp. in a veterinary college bovine teaching herd. <i>Veterinary Parasitology</i> , 2006 , 142, 231-7	2.8	31
204	Prevalence and Genetic Basis of Antimicrobial Resistance in Non- Staphylococci Isolated from Canadian Dairy Herds. <i>Frontiers in Microbiology</i> , 2018 , 9, 256	5.7	30
203	Serum calcium and magnesium concentrations and the use of a calcium-magnesium-borogluconate solution in the treatment of Friesian mares with retained placenta. <i>Theriogenology</i> , 2002 , 57, 941-7	2.8	30
202	Occurrence of Giardia and Cryptosporidium in pigs on Prince Edward Island, Canada. <i>Veterinary Parasitology</i> , 2012 , 184, 18-24	2.8	29
201	Bacteriocins of Non-aureus Staphylococci Isolated from Bovine Milk. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	29
200	Molecular epidemiology of Cryptosporidium and Giardia in humans on Prince Edward Island, Canada: evidence of zoonotic transmission from cattle. <i>Zoonoses and Public Health</i> , 2012 , 59, 424-33	2.9	28
199	Occurrence of Cryptosporidium and Giardia on beef farms and water sources within the vicinity of the farms on Prince Edward Island, Canada. <i>Veterinary Parasitology</i> , 2012 , 184, 1-9	2.8	28
198	Intrapartum corticosteroid use significantly increases the risk of gestational diabetes in women with inflammatory bowel disease. <i>Journal of Crohn's and Colitis</i> , 2015 , 9, 223-30	1.5	28
197	A questionnaire-based survey on the uptake and use of cattle vaccines in the UK. <i>Veterinary Record Open</i> , 2014 , 1, e000042	1.4	28
196	Association of standing and lying behavior patterns and incidence of intramammary infection in dairy cows milked with an automatic milking system. <i>Journal of Dairy Science</i> , 2011 , 94, 3845-55	4	28
195	The effect of discontinuation of postmilking teat disinfection in low somatic cell count herds. II. Dynamics of intramammary infections. <i>Veterinary Quarterly</i> , 1997 , 19, 47-53	8	28
194	Dairy farmers' perceptions toward the implementation of on-farm Johne's disease prevention and control strategies. <i>Journal of Dairy Science</i> , 2016 , 99, 9114-9125	4	28
193	Validation of the M-stage scoring system for digital dermatitis on dairy cows in the milking parlor. <i>Journal of Dairy Science</i> , 2017 , 100, 1592-1603	4	27

192	Economic evaluation of participation in a voluntary Johne disease prevention and control program from a farmer perspective--The Alberta Johne Disease Initiative. <i>Journal of Dairy Science</i> , 2014 , 97, 2822-34	4	27
191	A high rate of seroconversion for <i>Neospora caninum</i> in a dairy herd without an obvious increased incidence of abortions. <i>Veterinary Parasitology</i> , 2002 , 109, 203-11	2.8	27
190	Fertility, production and culling following cesarean section in dairy cattle. <i>Theriogenology</i> , 1992 , 38, 589-98	27	
189	Evaluation of three newly developed enzyme-linked immunosorbent assays and two agglutination tests for detecting <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar dublin infections in dairy cattle. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 4402-7	9.7	27
188	Association of Levels of Specialized Care With Risk of Premature Mortality in Patients With Epilepsy. <i>JAMA Neurology</i> , 2019 , 76, 1352-1358	17.2	26
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41	Short communication: Evaluation of sampling socks for detection of Mycobacterium avium ssp. paratuberculosis on dairy farms. <i>Journal of Dairy Science</i> , 2016 , 99, 2950-2955	4	3
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