

# Ynte H Schukken

## List of Publications by Citations

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292  
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306  
ext. papers

16,555  
ext. citations

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#	Paper	IF	Citations
292	Culture independent analysis of ileal mucosa reveals a selective increase in invasive Escherichia coli of novel phylogeny relative to depletion of Clostridiales in Crohn's disease involving the ileum. <i>ISME Journal</i> , <b>2007</b> , 1, 403-18	11.9	483
291	Invited Review: The role of cow, pathogen, and treatment regimen in the therapeutic success of bovine Staphylococcus aureus mastitis. <i>Journal of Dairy Science</i> , <b>2006</b> , 89, 1877-95	4	375
290	Monitoring udder health and milk quality using somatic cell counts. <i>Veterinary Research</i> , <b>2003</b> , 34, 579-96.8		347
289	The impact of clinical lameness on the milk yield of dairy cows. <i>Journal of Dairy Science</i> , <b>2002</b> , 85, 2250-64		310
288	Incidence of clinical mastitis in dairy herds grouped in three categories by bulk milk somatic cell counts. <i>Journal of Dairy Science</i> , <b>1998</b> , 81, 411-9	4	301
287	Ecology and transmission of Listeria monocytogenes infecting ruminants and in the farm environment. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 4458-67	4.8	264
286	Molecular epidemiology of mastitis pathogens of dairy cattle and comparative relevance to humans. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2011</b> , 16, 357-72	2.4	238
285	Postpartum body condition score and results from the first test day milk as predictors of disease, fertility, yield, and culling in commercial dairy herds. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 295-304	4	237
284	Effect of pathogen-specific clinical mastitis on milk yield in dairy cows. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 3358-74	4	225
283	Estimation of variance components for somatic cell counts to determine thresholds for uninfected quarters. <i>Journal of Dairy Science</i> , <b>1997</b> , 80, 1833-40	4	222
282	Adherent and invasive Escherichia coli is associated with granulomatous colitis in boxer dogs. <i>Infection and Immunity</i> , <b>2006</b> , 74, 4778-92	3.7	206
281	Host-response patterns of intramammary infections in dairy cows. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 144, 270-89	2	200
280	Histological and bacteriological evaluation of digital dermatitis in cattle, with special reference to spirochaetes and Campylobacter faecalis. <i>Veterinary Record</i> , <b>1997</b> , 140, 620-3	0.9	177
279	Hyperketonemia and the impairment of udder defense: a review. <i>Veterinary Research</i> , <b>2000</b> , 31, 397-412.3.8		160
278	Cow- and quarter-level risk factors for Streptococcus uberis and Staphylococcus aureus mastitis. <i>Journal of Dairy Science</i> , <b>2001</b> , 84, 2649-63	4	149
277	Management practices associated with the incidence rate of clinical mastitis. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 1643-54	4	141
276	The cost of generic clinical mastitis in dairy cows as estimated by using dynamic programming. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 2205-14	4	133

275	Multilocus sequence typing of intercontinental bovine <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 4737-43	9.7	132
274	Management practices associated with low, medium, and high somatic cell counts in bulk milk. <i>Journal of Dairy Science</i> , <b>1998</b> , 81, 1917-27	4	131
273	Risk factors for <i>Neospora caninum</i> -associated abortion storms in dairy herds in The Netherlands (1995 to 1997). <i>Theriogenology</i> , <b>1999</b> , 52, 247-57	2.8	127
272	CNS mastitis: nothing to worry about?. <i>Veterinary Microbiology</i> , <b>2009</b> , 134, 9-14	3.3	123
271	Influence of dry period bacterial intramammary infection on clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , <b>2002</b> , 85, 2589-99	4	123
270	Clinical, epidemiological and molecular characteristics of <i>Streptococcus uberis</i> infections in dairy herds. <i>Epidemiology and Infection</i> , <b>2003</b> , 130, 335-49	4.3	119
269	Microbiota of cow's milk; distinguishing healthy, sub-clinically and clinically diseased quarters. <i>PLoS ONE</i> , <b>2014</b> , 9, e85904	3.7	118
268	Management style and its association with bulk milk somatic cell count and incidence rate of clinical mastitis. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 1655-63	4	117
267	Diversity of <i>Listeria</i> species in urban and natural environments. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 4420-33	4.8	116
266	Estimation of interdependence among quarters of the bovine udder with subclinical mastitis and implications for analysis. <i>Journal of Dairy Science</i> , <b>1997</b> , 80, 1592-9	4	115
265	Adherent and invasive <i>Escherichia coli</i> are associated with persistent bovine mastitis. <i>Veterinary Microbiology</i> , <b>2006</b> , 116, 270-82	3.3	111
264	Factors associated with cure after therapy of clinical mastitis caused by <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , <b>2000</b> , 83, 278-84	4	111
263	Abortion risk in progeny of cows after a <i>Neospora caninum</i> epidemic. <i>Theriogenology</i> , <b>1998</b> , 49, 1311-6	2.8	108
262	Genetic variation of susceptibility to <i>Mycobacterium avium</i> subsp. paratuberculosis infection in dairy cattle. <i>Journal of Dairy Science</i> , <b>2000</b> , 83, 2702-8	4	107
261	Study design and analytic methods for data collected from clusters of animals. <i>Preventive Veterinary Medicine</i> , <b>1994</b> , 18, 175-191	3.1	107
260	Biofilm in milking equipment on a dairy farm as a potential source of bulk tank milk contamination with <i>Listeria monocytogenes</i> . <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 2792-802	4	105
259	Influence of parity and stage of lactation on the somatic cell count in bacteriologically negative dairy cows. <i>Journal of Dairy Science</i> , <b>1997</b> , 80, 3219-26	4	105
258	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> , <b>2002</b> , 40, 3894-902	9.7	105

257	Microbial diversity of bovine mastitic milk as described by pyrosequencing of metagenomic 16s rDNA. <i>PLoS ONE</i> , <b>2012</b> , 7, e47671	3.7	104
256	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> , <b>2000</b> , 38, 1931-9	9.7	104
255	Association of cow and quarter-level factors at drying-off with new intramammary infections during the dry period. <i>Preventive Veterinary Medicine</i> , <b>2004</b> , 63, 75-89	3.1	102
254	A review of methods used to adjust for cluster effects in explanatory epidemiological studies of animal populations. <i>Preventive Veterinary Medicine</i> , <b>1994</b> , 18, 155-173	3.1	101
253	Twinning in dairy cattle: A study of risk factors and effects. <i>Theriogenology</i> , <b>1989</b> , 32, 845-62	2.8	101
252	The effects of lameness on reproductive performance, milk production and culling in Dutch dairy farms. <i>Preventive Veterinary Medicine</i> , <b>1994</b> , 20, 249-259	3.1	100
251	Inflammation-associated adherent-invasive <i>Escherichia coli</i> are enriched in pathways for use of propanediol and iron and M-cell translocation. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 1919-32	4.5	96
250	The effects of time of disease occurrence, milk yield, and body condition on fertility of dairy cows. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 2589-604	4	94
249	Beta-hydroxybutyrate levels in peripheral blood and ketone bodies supplemented in culture media affect the in vitro chemotaxis of bovine leukocytes. <i>Veterinary Immunology and Immunopathology</i> , <b>1999</b> , 68, 177-86	2	91
248	Effect of freezing on bacteriologic culturing of mastitis milk samples. <i>Journal of Dairy Science</i> , <b>1989</b> , 72, 1900-6	4	89
247	Low somatic cell count: a risk factor for subsequent clinical mastitis in a dairy herd. <i>Journal of Dairy Science</i> , <b>2000</b> , 83, 1248-55	4	87
246	Distribution of serotypes and antimicrobial resistance genes among <i>Streptococcus agalactiae</i> isolates from bovine and human hosts. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 5899-906	9.7	86
245	Associations between pathogen-specific cases of clinical mastitis and somatic cell count patterns. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 95-105	4	84
244	Molecular subtyping to detect human listeriosis clusters. <i>Emerging Infectious Diseases</i> , <b>2003</b> , 9, 672-80	10.2	84
243	Comparative genomics and the role of lateral gene transfer in the evolution of bovine adapted <i>Streptococcus agalactiae</i> . <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 1263-75	4.5	83
242	Phenotypic and genotypic antimicrobial resistance patterns of <i>Escherichia coli</i> isolated from dairy cows with mastitis. <i>Veterinary Microbiology</i> , <b>2007</b> , 124, 319-28	3.3	83
241	Electrical conductivity of milk: measurement, modifiers, and meta analysis of mastitis detection performance. <i>Journal of Dairy Science</i> , <b>1992</b> , 75, 606-14	4	82
240	Effects of clinical mastitis caused by gram-positive and gram-negative bacteria and other organisms on the probability of conception in New York State Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 1551-60	4	80

239	Molecular epidemiology of two <i>Klebsiella pneumoniae</i> mastitis outbreaks on a dairy farm in New York State. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 3964-71	9.7	79
238	Recurrent clinical mastitis caused by <i>Escherichia coli</i> in dairy cows. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 80-5	4	78
237	A whole genome association analysis identifies loci associated with <i>Mycobacterium avium</i> subsp. paratuberculosis infection status in US holstein cattle. <i>Animal Genetics</i> , <b>2009</b> , 40, 655-62	2.5	76
236	Factors associated with bacteriological cure during lactation after therapy for subclinical mastitis caused by <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , <b>1997</b> , 80, 2803-8	4	75
235	Molecular characterization of <i>Listeria monocytogenes</i> from natural and urban environments. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 93-105	2.5	75
234	Probability of and risk factors for introduction of infectious diseases into Dutch SPF dairy farms: a cohort study. <i>Preventive Veterinary Medicine</i> , <b>2002</b> , 54, 279-89	3.1	74
233	Risk factors for clinical mastitis in herds with a low bulk milk somatic cell count. 1. Data and risk factors for all cases. <i>Journal of Dairy Science</i> , <b>1990</b> , 73, 3463-71	4	74
232	The cost and management of different types of clinical mastitis in dairy cows estimated by dynamic programming. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 4476-87	4	73
231	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> , <b>1998</b> , 81, 420-6	4	72
230	Prevalence and indicators of post partum fatty infiltration of the liver in nine commercial dairy herds in The Netherlands. <i>Livestock Science</i> , <b>2001</b> , 68, 53-60		72
229	Prevalence and regional distribution of paratuberculosis in dairy herds in The Netherlands. <i>Veterinary Microbiology</i> , <b>2000</b> , 77, 253-61	3.3	71
228	Analysis of an outbreak of <i>Streptococcus uberis</i> mastitis. <i>Journal of Dairy Science</i> , <b>2001</b> , 84, 590-9	4	70
227	Transmission parameters of <i>Mycobacterium avium</i> subspecies paratuberculosis infections in a dairy herd going through a control program. <i>Preventive Veterinary Medicine</i> , <b>2008</b> , 83, 215-27	3.1	68
226	Incidence of clinical mastitis on farms with low somatic cell counts in bulk milk. <i>Veterinary Record</i> , <b>1989</b> , 125, 60-3	0.9	68
225	Molecular ecology of <i>Listeria monocytogenes</i> : evidence for a reservoir in milking equipment on a dairy farm. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 1315-23	4.8	67
224	Effects of repeated gram-positive and gram-negative clinical mastitis episodes on milk yield loss in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 3091-105	4	67
223	Evaluation of optimal age at first conception in gilts from data collected in commercial swine herds. <i>Journal of Animal Science</i> , <b>1994</b> , 72, 1387-92	0.7	66
222	Pathogen-specific effects on milk yield in repeated clinical mastitis episodes in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 1465-80	4	65

221	Severity of experimental <i>Escherichia coli</i> mastitis in ketonemic and nonketonemic dairy cows. <i>Journal of Dairy Science</i> , <b>1993</b> , 76, 3428-36	4	65
220	The importance of culling in Johne's disease control. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 254, 135-46	2.3	64
219	Relationships between fatty liver and fertility and some periparturient diseases in commercial Dutch dairy herds. <i>Theriogenology</i> , <b>2000</b> , 54, 1065-74	2.8	64
218	Quarter-milk somatic cell count at calving and at the first six milkings after calving. <i>Preventive Veterinary Medicine</i> , <b>1999</b> , 38, 1-9	3.1	64
217	Experimental <i>Staphylococcus aureus</i> intramammary challenge in late lactation dairy cows: quarter and cow effects determining the probability of infection. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 2393-401	4	64
216	Preinfection in vitro chemotaxis, phagocytosis, oxidative burst, and expression of CD11/CD18 receptors and their predictive capacity on the outcome of mastitis induced in dairy cows with <i>Escherichia coli</i> . <i>Journal of Dairy Science</i> , <b>1997</b> , 80, 67-74	4	63
215	Effect of clinical mastitis on the lactation curve: a mixed model estimation using daily milk weights. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 2073-84	4	63
214	Antimicrobial susceptibility of coagulase-negative staphylococci isolated from bovine milk samples. <i>Veterinary Microbiology</i> , <b>2011</b> , 150, 173-9	3.3	62
213	A mathematical model of <i>Staphylococcus aureus</i> control in dairy herds. <i>Epidemiology and Infection</i> , <b>2002</b> , 129, 397-416	4.3	62
212	Risk factors for clinical mastitis in herds with a low bulk milk somatic cell count. 2. Risk factors for <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , <b>1991</b> , 74, 826-32	4	62
211	A longitudinal study on the impact of Johne's disease status on milk production in individual cows. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 2653-61	4	61
210	Prediction of energy balance in a high yielding dairy herd in early lactation: model development and precision. <i>Livestock Science</i> , <b>2000</b> , 65, 91-105		60
209	Early lactation ratio of fat and protein percentage in milk is associated with health, milk production, and survival. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 1772-83	4	59
208	Randomized clinical trial to evaluate the efficacy of a 5-day ceftiofur hydrochloride intramammary treatment on nonsevere gram-negative clinical mastitis. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 6203-15	4	59
207	Incidence of clinical mastitis in a random sample of dairy herds in the southern Netherlands. <i>Veterinary Record</i> , <b>1996</b> , 139, 204-7	0.9	59
206	Somatic cell count distributions during lactation predict clinical mastitis. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 1256-64	4	58
205	The "other" gram-negative bacteria in mastitis: <i>Klebsiella</i> , <i>Serratia</i> , and more. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2012</b> , 28, 239-56	4.6	57
204	The effects of duration of retained placenta on reproduction, milk production, postpartum disease and culling rate. <i>Theriogenology</i> , <b>1992</b> , 37, 1191-1203	2.8	56

203	Efficacy of vaccination on <i>Staphylococcus aureus</i> and coagulase-negative staphylococci intramammary infection dynamics in 2 dairy herds. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 5250-64	4	55
202	On distinguishing cause and consequence: do high somatic cell counts lead to lower milk yield or does high milk yield lead to lower somatic cell count?. <i>Preventive Veterinary Medicine</i> , <b>2006</b> , 76, 74-89	3.1	55
201	A randomized blind trial on dry cow antibiotic infusion in a low somatic cell count herd. <i>Journal of Dairy Science</i> , <b>1993</b> , 76, 2925-30	4	55
200	Simulation modeling to evaluate the persistence of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP) on commercial dairy farms in the United States. <i>Preventive Veterinary Medicine</i> , <b>2008</b> , 83, 360-80	3.1	54
199	Effect of pathogen-specific clinical mastitis on herd life in two New York State dairy herds. <i>Preventive Veterinary Medicine</i> , <b>2005</b> , 71, 105-25	3.1	54
198	Longitudinal metagenomic profiling of bovine milk to assess the impact of intramammary treatment using a third-generation cephalosporin. <i>Scientific Reports</i> , <b>2016</b> , 6, 37565	4.9	54
197	Dynamics of endemic infectious diseases of animal and human importance on three dairy herds in the northeastern United States. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 1811-25	4	53
196	Use of AI technician scores for body condition, uterine tone and uterine discharge in a model with disease and milk production parameters to predict pregnancy risk at first AI in Holstein dairy cows. <i>Theriogenology</i> , <b>1999</b> , 51, 1267-84	2.8	53
195	Population dynamics of bovine herpesvirus 1 infection in a dairy herd. <i>Veterinary Microbiology</i> , <b>1996</b> , 53, 169-80	3.3	53
194	Determination of acetone in cow milk by Fourier transform infrared spectroscopy for the detection of subclinical ketosis. <i>Journal of Dairy Science</i> , <b>2001</b> , 84, 575-82	4	52
193	Assessment of herd management on organic and conventional dairy farms in the United States. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 1290-300	4	51
192	<i>Salmonella</i> Dublin infection in dairy cattle: risk factors for becoming a carrier. <i>Preventive Veterinary Medicine</i> , <b>2004</b> , 65, 47-62	3.1	51
191	Strain-specific pathogenicity of putative host-adapted and nonadapted strains of <i>Streptococcus uberis</i> in dairy cattle. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5129-45	4	50
190	The effect of recurrent episodes of clinical mastitis caused by gram-positive and gram-negative bacteria and other organisms on mortality and culling in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 4863-77	4	50
189	Molecular epidemiology of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in a longitudinal study of three dairy herds. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 893-901	9.7	50
188	Effect of Johne's disease status on reproduction and culling in dairy cattle. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 3513-24	4	49
187	Effect of repeated episodes of generic clinical mastitis on milk yield in dairy cows. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 4643-53	4	49
186	Multilocus sequence typing of <i>Streptococcus uberis</i> provides sensitive and epidemiologically relevant subtype information and reveals positive selection in the virulence gene <i>pauA</i> . <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 2407-17	9.7	49

185	Evaluation of farm management practices as risk factors for clinical listeriosis and fecal shedding of <i>Listeria monocytogenes</i> in ruminants. <i>Journal of the American Veterinary Medical Association</i> , <b>2005</b> , 227, 1808-14	1	49
184	Analysis of correlated discrete observations: background, examples and solutions. <i>Preventive Veterinary Medicine</i> , <b>2003</b> , 59, 223-40	3.1	48
183	Differences in intermittent and continuous fecal shedding patterns between natural and experimental <i>Mycobacterium avium</i> subspecies paratuberculosis infections in cattle. <i>Veterinary Research</i> , <b>2015</b> , 46, 66	3.8	47
182	Risk factors for existence of Bovine Herpes Virus 1 antibodies on nonvaccinating Dutch dairy farms. <i>Preventive Veterinary Medicine</i> , <b>1998</b> , 34, 125-36	3.1	47
181	Efficacy of intramammary tilmicosin and risk factors for cure of <i>Staphylococcus aureus</i> infection in the dry period. <i>Journal of Dairy Science</i> , <b>2003</b> , 86, 159-68	4	47
180	Diagnosing intramammary infections: comparison of multiple versus single quarter milk samples for the identification of intramammary infections in lactating dairy cows. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 5515-22	4	46
179	Molecular subtyping and characterization of bovine and human <i>Streptococcus agalactiae</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 1177-86	9.7	46
178	Analysis of correlated continuous repeated observations: modelling the effect of ketosis on milk yield in dairy cows. <i>Preventive Veterinary Medicine</i> , <b>1999</b> , 39, 137-53	3.1	46
177	Ontario Bulk Milk Somatic Cell Count Reduction Program. 1. Impact on Somatic Cell Counts and Milk Quality. <i>Journal of Dairy Science</i> , <b>1992</b> , 75, 3352-3358	4	46
176	Quantitative risk assessment of listeriosis due to consumption of raw milk. <i>Journal of Food Protection</i> , <b>2011</b> , 74, 1268-81	2.5	45
175	The use of Markov chain Monte Carlo for analysis of correlated binary data: patterns of somatic cells in milk and the risk of clinical mastitis in dairy cows. <i>Preventive Veterinary Medicine</i> , <b>2004</b> , 64, 157-74	2.1	45
174	Effects of prepartum intramammary antibiotic therapy on udder health, milk production, and reproductive performance in dairy heifers. <i>Journal of Dairy Science</i> , <b>2006</b> , 89, 2090-8	4	43
173	Identification of loci associated with tolerance to Johne's disease in Holstein cattle. <i>Animal Genetics</i> , <b>2011</b> , 42, 28-38	2.5	42
172	Sources of <i>Klebsiella</i> and <i>Raoultella</i> species on dairy farms: be careful where you walk. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 1045-51	4	41
171	Stochastic simulations of a multi-group compartmental model for Johne's disease on US dairy herds with test-based culling intervention. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 264, 1190-201	2.3	40
170	A comparison of antimicrobial susceptibility patterns for <i>Staphylococcus aureus</i> in organic and conventional dairy herds. <i>Microbial Drug Resistance</i> , <b>2003</b> , 9 Suppl 1, S39-45	2.9	40
169	Trends in somatic cell counts, bacterial counts, and antibiotic residue violations in New York State during 1999-2000. <i>Journal of Dairy Science</i> , <b>2002</b> , 85, 782-9	4	40
168	Dutch paratuberculosis programme history, principles and development. <i>Veterinary Microbiology</i> , <b>2000</b> , 77, 399-413	3.3	40



167	Longitudinal study to investigate variation in results of repeated ELISA and culture of fecal samples for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in commercial dairy herds. <i>American Journal of Veterinary Research</i> , <b>2003</b> , 64, 479-84	1.1	39
166	Economic analysis of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> vaccines in dairy herds. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 1855-72	4	38
165	Seroprevalence and epidemiological characteristics of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> on 114 cattle farms in south west England. <i>Preventive Veterinary Medicine</i> , <b>2009</b> , 89, 102-9	3.1	38
164	A meta-analysis of the effect of dose and age at exposure on shedding of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP) in experimentally infected calves and cows. <i>Epidemiology and Infection</i> , <b>2012</b> , 140, 231-46	4.3	38
163	Comparison of J5 vaccinates and controls for incidence, etiologic agent, clinical severity, and survival in the herd following naturally occurring cases of clinical mastitis. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 4282-8	4	37
162	Evolution of the bovine TLR gene family and member associations with <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>PLoS ONE</i> , <b>2011</b> , 6, e27744	3.7	37
161	Effects of repeated episodes of generic clinical mastitis on mortality and culling in dairy cows. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 2196-204	4	36
160	The effect of intramammary infection with coagulase-negative staphylococci in early lactating heifers on milk yield throughout first lactation revisited. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5095-105	4	35
159	Ontario bulk milk somatic cell count reduction program: progress and outlook. <i>Journal of Dairy Science</i> , <b>1998</b> , 81, 1545-54	4	35
158	Influence of variable milk quality premiums on observed milk quality. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 1236-44	4	35
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155	Evaluation of the California mastitis test to detect an intramammary infection with a major pathogen in early lactation dairy cows. <i>Canadian Veterinary Journal</i> , <b>2003</b> , 44, 413-5	0.5	34
154	Milk production change following clinical mastitis and reproductive performance compared among J5 vaccinated and control dairy cattle. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 3869-79	4	33
153	Longitudinal study of a clonal, subclinical outbreak of <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Cerro in a U.S. dairy herd. <i>Foodborne Pathogens and Disease</i> , <b>2007</b> , 4, 449-61	3.8	33
152	Association between <i>Coxiella burnetii</i> shedding in milk and subclinical mastitis in dairy cattle. <i>Veterinary Research</i> , <b>2008</b> , 39, 23	3.8	33
151	Associations of risk factors with somatic cell count in bulk tank milk on organic and conventional dairy farms in the United States. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 3689-702	4	32
150	Identification of dairy farm management practices associated with the presence of psychrotolerant sporeformers in bulk tank milk. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 4083-96	4	32

149	Phylogroup and lpfA influence epithelial invasion by mastitis associated Escherichia coli. <i>Veterinary Microbiology</i> , <b>2012</b> , 159, 163-70	3.3	32
148	Milk and serum J5-specific antibody responses, milk production change, and clinical effects following intramammary Escherichia coli challenge for J5 vaccinate and control cows. <i>Vaccine Journal</i> , <b>2007</b> , 14, 693-9		32
147	Cystic ovarian disease in Dutch dairy cattle, I. Incidence, risk factors and consequences. <i>Livestock Science</i> , <b>1994</b> , 38, 191-197		32
146	Longitudinal data collection of Mycobacterium avium subspecies Paratuberculosis infections in dairy herds: the value of precise field data. <i>Veterinary Research</i> , <b>2015</b> , 46, 65	3.8	31
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143	Molecular diagnostics applied to mastitis problems on dairy farms. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2012</b> , 28, 565-76	4.6	30
142	A mathematical model demonstrating indirect and overall effects of lactation therapy targeting subclinical mastitis in dairy herds. <i>Preventive Veterinary Medicine</i> , <b>2009</b> , 90, 31-42	3.1	30
141	Use of molecular epidemiology in veterinary practice. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2006</b> , 22, 229-61	4.6	30
140	Effect of lactation therapy on Staphylococcus aureus transmission dynamics in two commercial dairy herds. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 28	2.7	29
139	Postpartum uterine diseases and their impacts on conception and days open in dairy herds in Italy. <i>Theriogenology</i> , <b>2015</b> , 84, 1206-14	2.8	28
138	Noninferiority trial comparing a first-generation cephalosporin with a third-generation cephalosporin in the treatment of nonsevere clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 6763-74	4	28
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133	Proteomic analysis reveals protein expression differences in Escherichia coli strains associated with persistent versus transient mastitis. <i>Journal of Proteomics</i> , <b>2014</b> , 108, 373-81	3.9	27
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130	Cleanliness scores as indicator of Klebsiella exposure in dairy cows. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 3908-16	4	27
129	Molecular epidemiology and cluster analysis of human listeriosis cases in three U.S. states. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 1680-9	2.5	27
128	Fertility, production and culling following cesarean section in dairy cattle. <i>Theriogenology</i> , <b>1992</b> , 38, 589-98	2.8	27
127	The effect of repeated episodes of bacteria-specific clinical mastitis on mortality and culling in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4993-5007	4	25
126	Genome based phylogeny and comparative genomic analysis of intra-mammary pathogenic Escherichia coli. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119799	3.7	25
125	Intracellular fate of strains of Escherichia coli isolated from dairy cows with acute or chronic mastitis. <i>Veterinary Research Communications</i> , <b>2011</b> , 35, 89-101	2.9	25
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122	Prednisolone and cefapirin act synergistically in resolving experimental Escherichia coli mastitis. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4406-18	4	24
121	Agar disk diffusion and automated microbroth dilution produce similar antimicrobial susceptibility testing results for Salmonella serotypes Newport, Typhimurium, and 4,5,12:i-, but differ in economic cost. <i>Foodborne Pathogens and Disease</i> , <b>2011</b> , 8, 1281-8	3.8	24
120	Diversity of Listeria monocytogenes within a U.S. dairy herd, 2004-2010. <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 844-50	3.8	23
119	Bovine intramammary Escherichia coli challenge infections in late gestation demonstrate a dominant antiinflammatory immunological response. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 117-26	4	23
118	Correlation between Herrold egg yolk medium culture and real-time quantitative polymerase chain reaction results for Mycobacterium avium subspecies paratuberculosis in pooled fecal and environmental samples. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2010</b> , 22, 677-83	1.5	23
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113	Short communication: Genotypic and phenotypic identification of environmental streptococci and association of <i>Lactococcus lactis</i> ssp. <i>lactis</i> with intramammary infections among different dairy farms. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6964-9	4	22
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102	Genotyping by PCR, of <i>Staphylococcus aureus</i> strains, isolated from mammary glands of cows. <i>Veterinary Microbiology</i> , <b>1996</b> , 48, 51-5	3.3	20
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100	Quantifying calf mortality on dairy farms: Challenges and solutions. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 6404-6417	4	19
99	Quarter, cow, and farm risk factors for intramammary infections with major pathogens relative to minor pathogens in Thai dairy cows. <i>Tropical Animal Health and Production</i> , <b>2014</b> , 46, 1067-78	1.7	19
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97	Correlated time to event data: Modeling repeated clinical mastitis data from dairy cattle in New York State. <i>Preventive Veterinary Medicine</i> , <b>2010</b> , 97, 150-6	3.1	19
96	Evaluation of two enzyme-linked immunosorbent assays for detecting <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Dublin antibodies in bulk milk. <i>Vaccine Journal</i> , <b>2001</b> , 8, 1049-55		19

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92	The detection of intramammary infections using online somatic cell counts. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 5419-5429	4	17
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90	Impact of intramammary treatment on gene expression profiles in bovine <i>Escherichia coli</i> mastitis. <i>PLoS ONE</i> , <b>2014</b> , 9, e85579	3.7	17
89	Fertility disorders and subsequent fertility in dairy cattle. <i>Livestock Science</i> , <b>1996</b> , 46, 213-220		17
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80	Comparison of selected animal observations and management practices used to assess welfare of calves and adult dairy cows on organic and conventional dairy farms. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 4269-80	4	15
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68	Longitudinal relationship between fecal culture, fecal quantitative PCR, and milk ELISA in <i>Mycobacterium avium</i> ssp. paratuberculosis-infected cows from low-prevalence dairy herds. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7507-7521	4	13
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52	Relationship between intramammary infection prevalence and somatic cell score in commercial dairy herds. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 9691-9701	4	8
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