

# Ynte H Schukken

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

292  
papers

14,826  
citations

67  
h-index

106  
g-index

306  
ext. papers

16,555  
ext. citations

3.6  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
292	Who infects whom?-Reconstructing infection chains of <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> in an endemically infected dairy herd by use of genomic data. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246983	3.7	5
291	Effect of pegbovigrastim on clinical mastitis and uterine disease during a full lactation in grazing dairy cows. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252418	3.7	0
290	Evolutionary genomic and bacteria GWAS analysis of subsp. and dairy cattle Johne's disease phenotypes. <i>Applied and Environmental Microbiology</i> , <b>2021</b> ,	4.8	3
289	Increase in white blood cell counts by pegbovigrastim in primiparous and multiparous grazing dairy cows and the interaction with prepartum body condition score and non-esterified fatty acids concentration. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245149	3.7	1
288	Longitudinal study on the effects of intramammary infection with non-aureus staphylococci on udder health and milk production in dairy heifers. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 899-914	4	5
287	Effect of bismuth subnitrate on in vitro growth of major mastitis pathogens. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 7249-7259	4	7
286	Molecular epidemiology of <i>Streptococcus uberis</i> intramammary infections: Persistent and transient patterns of infection in a dairy herd. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 3565-3576	4	8
285	Characterizing infectious disease progression through discrete states using hidden Markov models. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242683	3.7	1
284	Quantifying calf mortality on dairy farms: Challenges and solutions. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 6404-6417	4	19
283	Modeling the effects of infection status and hygiene practices on <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> contamination in bulk tank milk. <i>Food Control</i> , <b>2019</b> , 104, 367-376	6.2	4
282	The detection of intramammary infections using online somatic cell counts. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 5419-5429	4	17
281	Elucidating Transmission Patterns of Endemic subsp. Using Molecular Epidemiology. <i>Veterinary Sciences</i> , <b>2019</b> , 6,	2.4	3
280	Dynamics of somatic cell count patterns as a proxy for transmission of mastitis pathogens. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 11349-11358	4	8
279	Efficacy of cabergoline in a double-blind randomized clinical trial on milk leakage reduction at drying-off and new intramammary infections across the dry period and postcalving. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 11670-11680	4	5
278	Does clinical mastitis in the first 100 days of lactation 1 predict increased mastitis occurrence and shorter herd life in dairy cows?. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 2309-2323	4	9
277	Transmission dynamics of intramammary infections caused by <i>Corynebacterium</i> species. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 472-479	4	5
276	A data-driven individual-based model of infectious disease in livestock operation: A validation study for paratuberculosis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203177	3.7	4

275	Counts of bovine monocyte subsets prior to calving are predictive for postpartum occurrence of mastitis and metritis. <i>Veterinary Research</i> , <b>2017</b> , 48, 13	3.8	15
274	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
273	Normal milk microbiome is reestablished following experimental infection with <i>Escherichia coli</i> independent of intramammary antibiotic treatment with a third-generation cephalosporin in bovines. <i>Microbiome</i> , <b>2017</b> , 5, 74	16.6	34
272	Longitudinal assessment of dairy farm management practices associated with the presence of psychrotolerant Bacillales spores in bulk tank milk on 10 New York State dairy farms. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 8783-8795	4	10
271	The effect of <i>Mycobacterium avium</i> ssp. paratuberculosis infection on clinical mastitis occurrence in dairy cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7446-7454	4	13
270	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
269	Use of an Individual-based Model to Control Transmission Pathways of <i>Mycobacterium avium</i> Subsp. paratuberculosis Infection in Cattle Herds. <i>Scientific Reports</i> , <b>2017</b> , 7, 11845	4.9	8
268	Bovine natural killer cells are present in <i>Escherichia coli</i> infected mammary gland tissue and show antimicrobial activity in vitro. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2016</b> , 48, 54-60	2.6	6
267	Modeling of <i>Mycobacterium avium</i> subsp. paratuberculosis dynamics in a dairy herd: An individual based approach. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 408, 105-117	2.3	13
266	Longitudinal characterization of bovine monocyte-derived dendritic cells from mid-gestation into subsequent lactation reveals nadir in phenotypic maturation and macrophage-like cytokine profile in late gestation. <i>Journal of Reproductive Immunology</i> , <b>2016</b> , 118, 1-8	4.2	4
265	Intramammary immunization with ultraviolet-killed <i>Escherichia coli</i> shows partial protection against late gestation intramammary challenge with a homologous strain. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9014-9026	4	7
264	Impact of the shedding level on transmission of persistent infections in <i>Mycobacterium avium</i> subspecies paratuberculosis (MAP). <i>Veterinary Research</i> , <b>2016</b> , 47, 38	3.8	13
263	The effects of progressing and nonprogressing <i>Mycobacterium avium</i> ssp. paratuberculosis infection on milk production in dairy cows. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1383-1390	4	20
262	Implications of PCR and ELISA results on the routes of bulk-tank contamination with <i>Mycobacterium avium</i> ssp. paratuberculosis. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1391-1405	4	10
261	Comparison of transmission dynamics between <i>Streptococcus uberis</i> and <i>Streptococcus agalactiae</i> intramammary infections. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1418-1426	4	15
260	Iodide Residues in Milk Vary between Iodine-Based Teat Disinfectants. <i>Journal of Food Science</i> , <b>2016</b> , 81, T1864-70	3.4	7
259	Use of on-farm data to guide treatment and control mastitis caused by <i>Streptococcus uberis</i> . <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 7690-7699	4	9
258	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

257	The value of pathogen information in treating clinical mastitis. <i>Journal of Dairy Research</i> , <b>2016</b> , 83, 456-468		8
256	Randomized noninferiority study evaluating the efficacy of a postmilking teat disinfectant for the prevention of naturally occurring intramammary infections. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 3675-3687		7
255	Evidence of no protection for a recurrent case of pathogen specific clinical mastitis from a previous case. <i>Journal of Dairy Research</i> , <b>2016</b> , 83, 72-80	1.6	12
254	Impact of in vitro treatments of physiological levels of estradiol and progesterone observed in pregnancy on bovine monocyte-derived dendritic cell differentiation and maturation. <i>Veterinary Immunology and Immunopathology</i> , <b>2016</b> , 182, 37-42	2	5
253	Comparative risk assessment for new cow-level Mycobacterium avium ssp. paratuberculosis infections between 3 dairy production types: Organic, conventional, and conventional-grazing systems. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9885-9899	4	2
252	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
251	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
250	Complete Genome Sequences of Escherichia coli Strains 1303 and ECC-1470 Isolated from Bovine Mastitis. <i>Genome Announcements</i> , <b>2015</b> , 3,		15
249	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
248	Monocyte-derived dendritic cells from late gestation cows have an impaired ability to mature in response to E. coli stimulation in a receptor and cytokine-mediated fashion. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 167, 22-9	2	8
247	A new compartmental model of Mycobacterium avium subsp. paratuberculosis infection dynamics in cattle. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 122, 298-305	3.1	16
246	Differences in intermittent and continuous fecal shedding patterns between natural and experimental Mycobacterium avium subspecies paratuberculosis infections in cattle. <i>Veterinary Research</i> , <b>2015</b> , 46, 66	3.8	47
245	Two state model for a constant disease hazard in paratuberculosis (and other bovine diseases). <i>Veterinary Research</i> , <b>2015</b> , 46, 67	3.8	2
244	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
243	Dynamics of Escherichia coli Virulence Factors in Dairy Herds and Farm Environments in a Longitudinal Study in the United States. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 4477-88	4.8	13
242	The effect of manual and mechanical stimulation on oxytocin release and milking characteristics in Holstein cows milked 3 times daily. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1721-9	4	16
241	Back to the real world: connecting models with data. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 118, 215-25	3.1	18
240	Stochastic modeling of imperfect Salmonella vaccines in an adult dairy herd. <i>Bulletin of Mathematical Biology</i> , <b>2014</b> , 76, 541-65	2.1	4

239	Optimal insemination and replacement decisions to minimize the cost of pathogen-specific clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 2101-17	4	21
238	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
237	Short communication: Prevalence of methicillin resistance in coagulase-negative staphylococci and <i>Staphylococcus aureus</i> isolated from bulk milk on organic and conventional dairy farms in the United States. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 2959-64	4	18
236	Proteomic analysis reveals protein expression differences in <i>Escherichia coli</i> strains associated with persistent versus transient mastitis. <i>Journal of Proteomics</i> , <b>2014</b> , 108, 373-81	3.9	27
235	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
234	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
233	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
232	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
231	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
230	Effects of pathogen-specific clinical mastitis on probability of conception in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6942-54	4	21
229	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
228	Erratum to Perceptions and risk factors for lameness on organic and small conventional dairy farms [ <i>J. Dairy Sci.</i> 96:5018-26]. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 3228	4	
227	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
226	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
225	Perceptions and risk factors for lameness on organic and small conventional dairy farms. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5018-26	4	17
224	Impact of imperfect <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> vaccines in dairy herds: a mathematical modeling approach. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 108, 148-58	3.1	19
223	Effect of lactation therapy on <i>Staphylococcus aureus</i> transmission dynamics in two commercial dairy herds. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 28	2.7	29
222	Evaluation of an alternative dosing regimen of a J-5 mastitis vaccine against intramammary <i>Escherichia coli</i> challenge in nonlactating late-gestation dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5053-63	4	15

221	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
220	Prednisolone and cefapirin act synergistically in resolving experimental <i>Escherichia coli</i> mastitis. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4406-18	4	24
219	Efficacy of extended cefquinome treatment of clinical <i>Staphylococcus aureus</i> mastitis. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4983-92	4	22
218	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
217	Associations between <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> antibodies in bulk tank milk, season of sampling and protocols for managing infected cows. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 234	2.7	12
216	Invasion and transmission of <i>Salmonella</i> Kentucky in an adult dairy herd using approximate Bayesian computation. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 245	2.7	5
215	Effect of different dry period lengths on milk production and somatic cell count in subsequent lactations in commercial Dutch dairy herds. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 2988-3001	4	31
214	Cost-Effective Control Strategies for Johne's Disease in Dairy Herds. <i>Canadian Journal of Agricultural Economics</i> , <b>2013</b> , 61, 583-608	10.8	20
213	Importance of differential expression of Marek's disease virus gene pp38 for the pathogenesis of Marek's disease. <i>Avian Diseases</i> , <b>2013</b> , 57, 503-8	1.6	3
212	Noninferiority trial on the efficacy of premilking teat disinfectant against naturally occurring new intramammary infections using a novel 2-step diagnostic process. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 8081-92	4	9
211	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
210	Minimization of bovine tuberculosis control costs in US dairy herds. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 112, 266-75	3.1	13
209	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
208	Risk factors associated with bulk tank standard plate count, bulk tank coliform count, and the presence of <i>Staphylococcus aureus</i> on organic and conventional dairy farms in the United States. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 7578-90	4	15
207	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
206	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
205	Defining standardized protocols for determining the efficacy of a postmilking teat disinfectant following experimental exposure of teats to mastitis pathogens. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 2694-2704	4	9
204	Risk factors for clinical mastitis, ketosis, and pneumonia in dairy cattle on organic and small conventional farms in the United States. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4269-85	4	31

203	Using vaccination to prevent the invasion of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in dairy herds: a stochastic simulation study. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 110, 335-45	3.1	21
202	Management factors associated with veterinary usage by organic and conventional dairy farms. <i>Journal of the American Veterinary Medical Association</i> , <b>2013</b> , 242, 1732-43	1	28
201	Development of a model to simulate infection dynamics of <i>Mycobacterium bovis</i> in cattle herds in the United States. <i>Journal of the American Veterinary Medical Association</i> , <b>2013</b> , 243, 411-23	1	15
200	Bovine intramammary <i>Escherichia coli</i> 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
199	The effect of premilking udder preparation on Holstein cows milked 3 times daily. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 1170-6	4	10
198	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
197	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
196	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
195	Phylogroup and <i>lpfA</i> influence epithelial invasion by mastitis associated <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , <b>2012</b> , 159, 163-70	3.3	32
194	Modelling transmission dynamics of <i>paratuberculosis</i> of red deer under pastoral farming conditions. <i>Preventive Veterinary Medicine</i> , <b>2012</b> , 106, 63-74	3.1	8
193	Transmission dynamics of intramammary infections with coagulase-negative staphylococci. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 4899-4910	4	8
192	Sex ratios of <i>Dirofilaria immitis</i> in naturally infected dogs show female bias at low worm intensities. <i>Research in Veterinary Science</i> , <b>2012</b> , 93, 1324-8	2.5	6
191	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
190	Dynamics of <i>Salmonella</i> serotype shifts in an endemically infected dairy herd. <i>Foodborne Pathogens and Disease</i> , <b>2012</b> , 9, 319-24	3.8	23
189	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
188	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
187	Quantification of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP) survival in monocyte-derived macrophages. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 139, 73-8	2	5
186	Host-response patterns of intramammary infections in dairy cows. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 144, 270-89	2	200

185	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
184	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
183	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
182	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
181	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
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	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
178	The integration of molecular tools into veterinary and spatial epidemiology. <i>Spatial and Spatio-temporal Epidemiology</i> , <b>2011</b> , 2, 159-71	3.5	20
177	Environmental contamination with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in endemically infected dairy herds. <i>Preventive Veterinary Medicine</i> , <b>2011</b> , 102, 1-9	3.1	28
176	Antimicrobial susceptibility of coagulase-negative staphylococci isolated from bovine milk samples. <i>Veterinary Microbiology</i> , <b>2011</b> , 150, 173-9	3.3	62
175	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
174	Intracellular fate of strains of <i>Escherichia coli</i> isolated from dairy cows with acute or chronic mastitis. <i>Veterinary Research Communications</i> , <b>2011</b> , 35, 89-101	2.9	25
173	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
172	Agar disk diffusion and automated microbroth dilution produce similar antimicrobial susceptibility testing results for <i>Salmonella</i> 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
171	Tracing zoonotic pathogens in dairy production <b>2011</b> , 503-526		3
170	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
169	Increased in vitro adherence and on-farm persistence of predominant and persistent <i>Listeria monocytogenes</i> strains in the milking system. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 3676-84	4.8	27
168	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



167	Evolution of the bovine TLR gene family and member associations with Mycobacterium avium subspecies paratuberculosis infection. <i>PLoS ONE</i> , <b>2011</b> , 6, e27744	3.7	37
166	Bilingual trainings for milkers in New York State: a success for quality milk <b>2011</b> , 191-196		
165	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
164	Economic Analysis of the Cross-Reactivity of Johne's Disease Vaccination with Tuberculosis in Dairy Cattle. <i>American Journal of Agricultural Economics</i> , <b>2010</b> , 92, 1446-1455	3.1	7
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25	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
24	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



23	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
22	Cystic ovarian disease in Dutch dairy cattle, I. Incidence, risk factors and consequences. <i>Livestock Science</i> , <b>1994</b> , 38, 191-197		32
21	Cystic ovarian disease in Dutch dairy cattle, II. A simulation model for predicting the herd-level consequences under varying management factors. <i>Livestock Science</i> , <b>1994</b> , 38, 199-206		1
20	Nutritional factors related to farm milk protein content In an observational study. <i>Livestock Science</i> , <b>1994</b> , 39, 253-262		1
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18	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
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16	Fertility, production and culling following cesarean section in dairy cattle. <i>Theriogenology</i> , <b>1992</b> , 38, 589-98		27
15	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
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13	Epidemiological evaluation of fertility management in swine herds. <i>Animal Reproduction Science</i> , <b>1992</b> , 28, 45-50	2.1	2
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11	Ontario Bulk Milk Somatic Cell Count Reduction Program. 2. Dynamics of Bulk Milk Somatic Cell Counts. <i>Journal of Dairy Science</i> , <b>1992</b> , 75, 3359-3366	4	23
10	Freezing Point of Bulk Milk in Ontario - An Observational Study. <i>Journal of Food Protection</i> , <b>1992</b> , 55, 995-998	2.5	6
9	Overdispersion in clinical mastitis ata from dairy herds: a negative binomial approach. <i>Preventive Veterinary Medicine</i> , <b>1991</b> , 10, 239-245	3.1	22
8	Risk factors for clinical mastitis in herds with a low bulk milk somatic cell count. 2. Risk factors for Escherichia coli and Staphylococcus aureus. <i>Journal of Dairy Science</i> , <b>1991</b> , 74, 826-32	4	62
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6	Assessing the repeatability of questionnaire data from dairy farms. <i>Preventive Veterinary Medicine</i> , <b>1989</b> , 7, 31-38	3.1	15

5	Effect of freezing on bacteriologic culturing of mastitis milk samples. <i>Journal of Dairy Science</i> , <b>1989</b> , 72, 1900-6	4	89
4	Twinning in dairy cattle: A study of risk factors and effects. <i>Theriogenology</i> , <b>1989</b> , 32, 845-62	2.8	101
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2	The relationship between mastitis and retained placenta in a commercial population of holstein dairy cows. <i>Preventive Veterinary Medicine</i> , <b>1988</b> , 5, 181-190	3.1	28
1	Epidemiology of Listeriosis 221-232		1