

# Sarne De Vlieghe

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

134  
papers

3,639  
citations

35  
h-index

53  
g-index

141  
ext. papers

4,330  
ext. citations

3.3  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
134	Colonization and local host response following intramammary <i>Staphylococcus chromogenes</i> challenge in dry cows. <i>Veterinary Research</i> , <b>2021</b> , 52, 137	3.8	0
133	Characterization of genetic diversity and population structure within <i>Staphylococcus chromogenes</i> by multilocus sequence typing. <i>PLoS ONE</i> , <b>2021</b> , 16, e0243688	3.7	3
132	Metabolites of bovine-associated non-aureus staphylococci influence expression of <i>Staphylococcus aureus</i> agr-related genes in vitro. <i>Veterinary Research</i> , <b>2021</b> , 52, 62	3.8	3
131	Non- <i>Staphylococci</i> and Bovine Udder Health: Current Understanding and Knowledge Gaps. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 658031	3.1	10
130	Milk losses and dynamics during perturbations in dairy cows differ with parity and lactation stage. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 405-418	4	6
129	Milk losses linked to mastitis treatments at dairy farms with automatic milking systems. <i>Preventive Veterinary Medicine</i> , <b>2021</b> , 194, 105420	3.1	4
128	Bovine-associated non-aureus staphylococci suppress <i>Staphylococcus aureus</i> biofilm dispersal in vitro yet not through agr regulation. <i>Veterinary Research</i> , <b>2021</b> , 52, 114	3.8	3
127	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
126	Whole Genome Sequencing of <i>Staphylococci</i> Isolated From Bovine Milk Samples.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 715851	5.7	0
125	Immune response in nonspecific mastitis: What can it tell us?. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5376-5386	3.8	9
124	Fecal non-aureus <i>Staphylococci</i> are a potential cause of bovine intramammary infection. <i>Veterinary Research</i> , <b>2020</b> , 51, 32	3.8	5
123	Short communication: Barrier characteristics of 3 external teat sealants to prevent bacterial penetration under in vitro conditions using rubber calf-feeding nipples. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 6569-6575	4	
122	In vitro and in vivo assessment of phage therapy against <i>Staphylococcus aureus</i> causing bovine mastitis. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 22, 762-770	3.4	12
121	Distribution of non-aureus staphylococci from quarter milk, teat apices, and rectal feces of dairy cows, and their virulence potential. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 10658-10675	4	8
120	The effect of intramammary infection in early lactation with non-aureus staphylococci in general and <i>Staphylococcus chromogenes</i> specifically on quarter milk somatic cell count and quarter milk yield. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 768-782	4	10
119	Genomic analysis of European bovine <i>Staphylococcus aureus</i> from clinical versus subclinical mastitis. <i>Scientific Reports</i> , <b>2020</b> , 10, 18172	4.9	16
118	The effect of mastitis management input and implementation of mastitis management on udder health, milk quality, and antimicrobial consumption in dairy herds. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 2401-2415	4	7

117	Evaluation of test-day milk somatic cell count information to predict intramammary infection with major pathogens in dairy cattle at drying off. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 4309-4321	4	16
116	Effect of intramammary infection with non-aureus staphylococci in early lactation in dairy heifers on quarter somatic cell count and quarter milk yield during the first 4 months of lactation. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 6442-6453	4	12
115	Investigation of differential somatic cell count as a potential new supplementary indicator to somatic cell count for identification of intramammary infection in dairy cows at the end of the lactation period. <i>Preventive Veterinary Medicine</i> , <b>2019</b> , 172, 104803	3.1	14
114	Inhibition of the growth of major mastitis-causing pathogens by non-aureus <i>Staphylococcus</i> isolates using the cross-streaking method. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2019</b> , 71, 1745-1749	0.3	2
113	Non-aureus staphylococci in fecal samples of dairy cows: First report and phenotypic and genotypic characterization. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9345-9359	4	5
112	Infection dynamics across the dry period using Dairy Herd Improvement somatic cell count data and its effect on cow performance in the subsequent lactation. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 640-651	4	6
111	Antimicrobial consumption on dairy herds and its association with antimicrobial inhibition zone diameters of non-aureus staphylococci and <i>Staphylococcus aureus</i> isolated from subclinical mastitis. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 3311-3322	4	15
110	Phenotypic and genotypic characterization of antimicrobial resistance profiles in <i>Streptococcus dysgalactiae</i> isolated from bovine clinical mastitis in 5 provinces of China. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 3344-3355	4	17
109	Pan-European agreement on dry cow therapy. <i>Veterinary Record</i> , <b>2018</b> , 182, 637	0.9	8
108	Alternative approach to mastitis management [How to prevent and control mastitis without antibiotics?]. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , <b>2018</b> , 55, e137149	0.3	2
107	Management and prevention of mastitis: A multifactorial approach with a focus on milking, bedding and data-management. <i>Journal of Integrative Agriculture</i> , <b>2018</b> , 17, 1214-1233	3.2	12
106	Characteristics of Isolated From Bovine Mastitis Exposed to Subminimum Inhibitory Concentrations of Cefalotin or Ceftazidime. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4301628	3	7
105	Absence of zoonotic hepatitis E virus infection in Flemish dairy cows. <i>International Journal of Food Microbiology</i> , <b>2018</b> , 281, 54-59	5.8	16
104	Prevalence of non-aureus staphylococci species causing intramammary infections in Canadian dairy herds. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 5592-5612	4	41
103	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> , <b>2017</b> , 100, 2137-2147	4	56
102	Immune response after an experimental intramammary challenge with killed <i>Staphylococcus aureus</i> in cows and heifers vaccinated and not vaccinated with Startvac, a polyvalent mastitis vaccine. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 769-782	4	14
101	Coagulase-negative <i>Staphylococcus</i> species in bulk milk: Prevalence, distribution, and associated subgroup- and species-specific risk factors. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 629-642	4	28
100	Herd-level animal management factors associated with the occurrence of bovine neonatal pancytopenia in calves in a multi-country study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179878	3.7	3

99	Local host response following an intramammary challenge with <i>Staphylococcus fleurettii</i> and different strains of <i>Staphylococcus chromogenes</i> in dairy heifers. <i>Veterinary Research</i> , <b>2016</b> , 47, 56	3.8	16
98	Evaluation of the composite milk somatic cell count as a predictor of intramammary infection in dairy cattle. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9271-9286	4	12
97	Mastitis prevention and control practices and mastitis treatment strategies associated with the consumption of (critically important) antimicrobials on dairy herds in Flanders, Belgium. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2896-2903	4	22
96	Quantification of antimicrobial consumption in adult cattle on dairy herds in Flanders, Belgium, and associations with udder health, milk quality, and production performance. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2118-2130	4	61
95	Interaction between bovine-associated coagulase-negative staphylococci species and strains and bovine mammary epithelial cells reflects differences in ecology and epidemiological behavior. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2867-2874	4	17
94	Short communication: Lactic acid bacteria from the honeybee inhibit the in vitro growth of mastitis pathogens. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2940-2944	4	12
93	Teat apex colonization with coagulase-negative <i>Staphylococcus</i> species before parturition: Distribution and species-specific risk factors. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1427-1439	4	20
92	Intramammary infection with coagulase-negative staphylococci at parturition: Species-specific prevalence, risk factors, and effect on udder health. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6457-6469	4	38
91	Short communication: In vitro antimicrobial susceptibility of <i>Mycoplasma bovis</i> isolates identified in milk from dairy cattle in Belgium, Germany, and Italy. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6578-6584	4	12
90	An investigation of the dynamics of intramammary infections acquired during the dry period on European dairy farms. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 6029-47	4	21
89	Short communication: Species group-specific predictors at the cow and quarter level for intramammary infection with coagulase-negative staphylococci in dairy cattle throughout lactation. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 5448-53	4	17
88	Short communication: Subtyping of <i>Staphylococcus haemolyticus</i> isolates from milk and corresponding teat apices to verify the potential teat-skin origin of intramammary infections in dairy cows. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 7893-8	4	8
87	Identification, typing, ecology and epidemiology of coagulase negative staphylococci associated with ruminants. <i>Veterinary Journal</i> , <b>2015</b> , 203, 44-51	2.5	90
86	Milk prolactin response and quarter milk yield after experimental infection with coagulase-negative staphylococci in dairy heifers. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 4593-600	4	5
85	Pathogen group specific risk factors for clinical mastitis, intramammary infection and blind quarters at the herd, cow and quarter level in smallholder dairy farms in Jimma, Ethiopia. <i>Preventive Veterinary Medicine</i> , <b>2015</b> , 120, 306-12	3.1	14
84	Somatic cell count and milk neutrophil viability of dairy heifers with specific CXCR1 genotypes following experimental intramammary infection with <i>Staphylococcus chromogenes</i> originating from milk. <i>Veterinary Journal</i> , <b>2015</b> , 204, 322-6	2.5	6
83	Reactive oxygen species generation by bovine blood neutrophils with different CXCR1 (IL8RA) genotype following Interleukin-8 incubation. <i>BMC Veterinary Research</i> , <b>2015</b> , 11, 104	2.7	4
82	Differential expression of CXCR1 and commonly used reference genes in bovine milk somatic cells following experimental intramammary challenge. <i>BMC Genetics</i> , <b>2015</b> , 16, 40	2.6	12

81	Technical note: a pilot study using a mouse mastitis model to study differences between bovine associated coagulase-negative staphylococci. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1090-100	4	16
80	Pig, cattle and poultry farmers with a known interest in research have comparable perspectives on disease prevention and on-farm biosecurity. <i>Preventive Veterinary Medicine</i> , <b>2014</b> , 115, 1-9	3.1	72
79	Effect of artificial insemination protocol and dose of frozen/thawed stallion semen on pregnancy results in mares. <i>Reproduction in Domestic Animals</i> , <b>2014</b> , 49, 487-91	1.6	8
78	Pathogen-specific incidence rate of clinical mastitis in Flemish dairy herds, severity, and association with herd hygiene. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6926-34	4	68
77	Pathogen group-specific risk factors for intramammary infection in treated and untreated dairy heifers participating in a prepartum antimicrobial treatment trial. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6260-70	4	7
76	Further evidence for the existence of environmental and host-associated species of coagulase-negative staphylococci in dairy cattle. <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 466-74	3.3	46
75	Antibacterial activities of coagulase-negative staphylococci from bovine teat apex skin and their inhibitory effect on mastitis-related pathogens. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 116, 1084-93	4.7	31
74	Invited review: effect, persistence, and virulence of coagulase-negative <i>Staphylococcus</i> species associated with ruminant udder health. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 5275-93	4	102
73	Manageable risk factors associated with bacterial and coliform counts in unpasteurized bulk milk in Flemish dairy herds. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 3409-19	4	9
72	Association of CXCR1 polymorphisms with apoptosis, necrosis and concentration of milk neutrophils in early lactating dairy heifers. <i>Research in Veterinary Science</i> , <b>2014</b> , 97, 55-9	2.5	4
71	Associations between CXCR1 polymorphisms and pathogen-specific incidence rate of clinical mastitis, test-day somatic cell count, and test-day milk yield. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7927-39	4	8
70	Association between herd exposure to BVDV-infection and bulk milk somatic cell count of Flemish dairy farms. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 109, 148-51	3.1	7
69	Assessment of the suitability of mannitol salt agar for growing bovine-associated coagulase-negative staphylococci and its use under field conditions. <i>Research in Veterinary Science</i> , <b>2013</b> , 95, 347-51	2.5	15
68	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
67	Herd level approach to high bulk milk somatic cell count problems in dairy cattle. <i>Veterinary Quarterly</i> , <b>2013</b> , 33, 82-93	8	11
66	Short communication: Associations between teat dimensions and milking-induced changes in teat dimensions and quarter milk somatic cell counts in dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 1075-80	4	20
65	Effect on quarter milk somatic cell count and antimicrobial susceptibility of <i>Staphylococcus rostri</i> causing intramammary infection in dairy water buffaloes. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 3799-805	4	7
64	Risk factors associated with subclinical mastitis as detected by California Mastitis Test in smallholder dairy farms in Jimma, Ethiopia using multilevel modelling. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 112, 68-75	3.1	18

63	Systemic prepartum treatment of end-term dairy heifers with penethamate hydriodide: effect on udder health, milk yield, and culling until 120 days in milk. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 6324-35	4	5
62	Short communication: Intraoperator repeatability and interoperator reproducibility of devices measuring teat dimensions in dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 366-71	4	1
61	Unraveling the microbiota of teat apices of clinically healthy lactating dairy cows, with special emphasis on coagulase-negative staphylococci. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 1499-510	4	47
60	Oral supplementation of medium-chain fatty acids during the dry period supports the neutrophil viability of peripartum dairy cows. <i>Journal of Dairy Research</i> , <b>2013</b> , 80, 309-18	1.6	12
59	A <i>Staphylococcus xylosus</i> isolate with a new mecC allotype. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 1524-8	5.9	58
58	The bovine luteal histological composition: a topographic point of view. <i>Reproduction in Domestic Animals</i> , <b>2013</b> , 48, e29-32	1.6	3
57	Topographic distribution of the different cell types, connective tissue and vascular tissue/lumina within a functional bovine corpus luteum and its association with breed, type of fixation protocol and stage during the cycle. <i>Reproduction in Domestic Animals</i> , <b>2013</b> , 48, 627-35	1.6	4
56	Calf-level factors associated with bovine neonatal pancytopenia--a multi-country case-control study. <i>PLoS ONE</i> , <b>2013</b> , 8, e80619	3.7	14
55	The association between indicators of inflammation and liver variables during the transition period in high-yielding dairy cows: an observational study. <i>Veterinary Journal</i> , <b>2012</b> , 192, 222-5	2.5	32
54	Intra-species diversity and epidemiology varies among coagulase-negative <i>Staphylococcus</i> species causing bovine intramammary infections. <i>Veterinary Microbiology</i> , <b>2012</b> , 155, 62-71	3.3	47
53	Culture-independent exploration of the teat apex microbiota of dairy cows reveals a wide bacterial species diversity. <i>Veterinary Microbiology</i> , <b>2012</b> , 157, 383-90	3.3	62
52	Invited review: Mastitis in dairy heifers: nature of the disease, potential impact, prevention, and control. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 1025-40	4	258
51	Influence of counting chamber type on CASA outcomes of equine semen analysis. <i>Equine Veterinary Journal</i> , <b>2012</b> , 44, 542-9	2.4	36
50	Between-herd prevalence of <i>Mycoplasma bovis</i> in bulk milk in Flanders, Belgium. <i>Research in Veterinary Science</i> , <b>2012</b> , 92, 219-20	2.5	17
49	Variance components of teat dimensions in dairy cows and associated factors. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 4978-4988	4	19
48	Characterization of coagulase-negative staphylococcus species from cowsSmilk and environment based on bap, icaA, and mecA genes and phenotypic susceptibility to antimicrobials and teat dips. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 7027-38	4	33
47	Differences between coagulase-negative <i>Staphylococcus</i> species in persistence and in effect on somatic cell count and milk yield in dairy goats. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 5075-5084	4	31
46	Short communication: Identification of coagulase-negative staphylococcus species from goat milk with the API Staph identification test and with transfer RNA-intergenic spacer PCR combined with capillary electrophoresis. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 7200-5	4	14

45	Staphylococcus agnetis sp. nov., a coagulase-variable species from bovine subclinical and mild clinical mastitis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 61-65	2.2	53
44	Pathogen-group specific association between CXCR1 polymorphisms and subclinical mastitis in dairy heifers. <i>Journal of Dairy Research</i> , <b>2012</b> , 79, 341-51	1.6	16
43	Validation and usefulness of the Sperm Quality Analyzer V equine for equine semen analysis. <i>Theriogenology</i> , <b>2011</b> , 75, 189-94	2.8	6
42	Optimization of the isolation, culture, and characterization of equine umbilical cord blood mesenchymal stromal cells. <i>Tissue Engineering - Part C: Methods</i> , <b>2011</b> , 17, 1061-70	2.9	29
41	Sperm selection using single layer centrifugation prior to cryopreservation can increase thawed sperm quality in stallions. <i>Equine Veterinary Journal</i> , <b>2011</b> , 43, 35-41	2.4	29
40	Sources other than unused sawdust can introduce <i>Klebsiella pneumoniae</i> into dairy herds. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 2832-9	4	16
39	Some coagulase-negative <i>Staphylococcus</i> species affect udder health more than others. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 2329-40	4	143
38	The effect of marine algae in the ration of high-yielding dairy cows during transition on metabolic parameters in serum and follicular fluid around parturition. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 4603-15	4	12
37	Distribution of coagulase-negative <i>Staphylococcus</i> species from milk and environment of dairy cows differs between herds. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 2933-44	4	133
36	Pathogen group specific risk factors at herd, heifer and quarter levels for intramammary infections in early lactating dairy heifers. <i>Preventive Veterinary Medicine</i> , <b>2011</b> , 99, 91-101	3.1	56
35	(GTG)5-PCR fingerprinting for the classification and identification of coagulase-negative <i>Staphylococcus</i> species from bovine milk and teat apices: a comparison of type strains and field isolates. <i>Veterinary Microbiology</i> , <b>2011</b> , 147, 67-74	3.3	39
34	Pre-operative and operative difficulties during bovine caesarean section in Belgium and associated risk factors. <i>Reproduction in Domestic Animals</i> , <b>2010</b> , 45, 1020-7	1.6	11
33	<i>Staphylococcus devriesei</i> sp. nov., isolated from teat apices and milk of dairy cows. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2010</b> , 60, 2739-2744	2.2	22
32	Concentration of penicillin G in mammary tissue and secretion of end-term dairy heifers following systemic prepartum administration of penethamate hydriodide. <i>Journal of Dairy Research</i> , <b>2010</b> , 77, 33-6 <sup>1.6</sup>	1.6	2
31	Validation of amplified fragment length polymorphism genotyping for species identification of bovine associated coagulase-negative staphylococci. <i>Journal of Microbiological Methods</i> , <b>2010</b> , 80, 287-94 <sup>2.8</sup>	2.8	17
30	Influence of different centrifugation protocols on equine semen preservation. <i>Theriogenology</i> , <b>2010</b> , 74, 118-26	2.8	34
29	Longitudinal field study to assess sow level risk factors associated with stillborn piglets. <i>Animal Reproduction Science</i> , <b>2010</b> , 120, 78-83	2.1	38
28	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> , <b>2010</b> , 93, 2014-24	4	63

27	Diagnosis and treatment of subclinical mastitis in early lactation in dairy goats. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 4710-21	4	22
26	Impact of intramammary infections in dairy heifers on future udder health, milk production, and culling. <i>Veterinary Microbiology</i> , <b>2009</b> , 134, 113-20	3.3	37
25	Cost estimation of heifer mastitis in early lactation by stochastic modelling. <i>Veterinary Microbiology</i> , <b>2009</b> , 134, 121-7	3.3	23
24	Performance of API Staph ID 32 and Staph-Zym for identification of coagulase-negative staphylococci isolated from bovine milk samples. <i>Veterinary Microbiology</i> , <b>2009</b> , 136, 300-5	3.3	72
23	Technical note: Flow cytometric identification of bovine milk neutrophils and simultaneous quantification of their viability. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 626-31	4	32
22	Technical note: use of transfer RNA-intergenic spacer PCR combined with capillary electrophoresis to identify coagulase-negative Staphylococcus species originating from bovine milk and teat apices. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 3204-10	4	42
21	Heifer and quarter characteristics associated with periparturient blood and milk neutrophil apoptosis in healthy heifers and in heifers with subclinical mastitis. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4330-9	4	22
20	Effect of prepartum dry cow antibiotic treatment in dairy heifers on udder health and milk production. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4395-403	4	17
19	Differences in the glucose-induced insulin response and the peripheral insulin responsiveness between neonatal calves of the Belgian Blue, Holstein-Friesian, and East Flemish breeds. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4404-11	4	31
18	Interrelations between glucose-induced insulin response, metabolic indicators, and time of first ovulation in high-yielding dairy cows. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 3363-71	4	60
17	Protocol of the Caesarean section as performed in daily bovine practice in Belgium. <i>Reproduction in Domestic Animals</i> , <b>2007</b> , 42, 583-9	1.6	33
16	Prevalence and distribution of mastitis pathogens in subclinically infected dairy cows in Flanders, Belgium. <i>Journal of Dairy Research</i> , <b>2007</b> , 74, 478-83	1.6	129
15	Effects of growth hormone secretagogues on the release of adenohipophyseal hormones in young and old healthy dogs. <i>Veterinary Journal</i> , <b>2006</b> , 172, 515-25	2.5	16
14	Ghrelin-stimulation test in the diagnosis of canine pituitary dwarfism. <i>Research in Veterinary Science</i> , <b>2006</b> , 81, 24-30	2.5	8
13	Association between somatic cell count in early lactation and culling of dairy heifers using cox frailty models. <i>Journal of Dairy Science</i> , <b>2005</b> , 88, 560-8	4	41
12	Impact of early lactation somatic cell count in heifers on milk yield over the first lactation. <i>Journal of Dairy Science</i> , <b>2005</b> , 88, 938-47	4	50
11	Comparison of embryo quality in high-yielding dairy cows, in dairy heifers and in beef cows. <i>Theriogenology</i> , <b>2005</b> , 64, 2022-36	2.8	61
10	Variability in acquired resistance of Pasteurella and Mannheimia isolates from the nasopharynx of calves, with particular reference to different herd types. <i>Microbial Drug Resistance</i> , <b>2005</b> , 11, 387-94	2.9	41



9	In vitro growth inhibition of major mastitis pathogens by <i>Staphylococcus chromogenes</i> originating from teat apices of dairy heifers. <i>Veterinary Microbiology</i> , <b>2004</b> , 101, 215-21	3.3	56
8	Management practices and heifer characteristics associated with early lactation somatic cell count of Belgian dairy heifers. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 937-47	4	42
7	Impact of early lactation somatic cell count in heifers on somatic cell counts over the first lactation. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 3672-82	4	37
6	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> , <b>2003</b> , 92, 245-52	3.3	62
5	Short-term effect of transition from conventional to automated milking on teat skin and teat end condition. <i>Journal of Dairy Science</i> , <b>2003</b> , 86, 1646-52	4	7
4	Motility characteristics of boar spermatozoa after addition of prostaglandin F <sub>2</sub> alpha. <i>Theriogenology</i> , <b>2003</b> , 60, 1435-43	2.8	14
3	Effects of growth hormone-releasing peptides in healthy dogs and in dogs with pituitary-dependent hyperadrenocorticism. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 197, 97-103	4.4	15
2	Aggressive angiomyxoma in a cow. <i>Veterinary Record</i> , <b>2001</b> , 149, 594-5	0.9	4
1	Milk losses and dynamics during perturbations in dairy cows differ with parity and lactation stage		1