Klaas Frankena

List of Publications by Year
in descending order

98 papers	3,579 citations	109321 35 h-index	149698 56 g-index
103 all docs	103 docs citations	103 times ranked	3033 citing authors

#	Article	IF	Citations
1	WIN EPISCOPE 2.0: improved epidemiological software for veterinary medicine. Veterinary Record, 2001, 148, 567-572.	0.3	264
2	Prevalence of Claw Disorders in Dutch Dairy Cows Exposed to Several Floor Systems. Journal of Dairy Science, 2003, 86, 2082-2093.	3.4	243
3	Effects of a restricted elimination diet on the behaviour of children with attention-deficit hyperactivity disorder (INCA study): a randomised controlled trial. Lancet, The, 2011, 377, 494-503.	13.7	179
4	Herd- and Cow-Level Prevalence of Digital Dermatitis in The Netherlands and Associated Risk Factors. Journal of Dairy Science, 2006, 89, 580-588.	3.4	149
5	Risk factors for digital dermatitis in dairy cows kept in cubicle houses in The Netherlands. Preventive Veterinary Medicine, 2005, 71, 11-21.	1.9	116
6	Bayesian estimation of hepatitis E virus seroprevalence for populations with different exposure levels to swine in The Netherlands. Epidemiology and Infection, 2008, 136, 567-576.	2.1	111
7	A quantitative microbial risk assessment for meatborne Toxoplasma gondii infection in The Netherlands. International Journal of Food Microbiology, 2011, 150, 103-114.	4.7	91
8	Diet and ADHD, Reviewing the Evidence: A Systematic Review of Meta-Analyses of Double-Blind Placebo-Controlled Trials Evaluating the Efficacy of Diet Interventions on the Behavior of Children with ADHD. PLoS ONE, 2017, 12, e0169277.	2.5	83
9	Natural Humoral Immune Competence and Survival in Layers. Poultry Science, 2007, 86, 1090-1099.	3.4	80
10	Economic impact of lumpy skin disease and cost effectiveness of vaccination for the control of outbreaks in Ethiopia. Preventive Veterinary Medicine, 2017, 147, 100-107.	1.9	75
11	Development of Claw Traits and Claw Lesions in Dairy Cows Kept on Different Floor Systems. Journal of Dairy Science, 2005, 88, 110-120.	3.4	66
12	A randomised controlled trial into the effects of food on ADHD. European Child and Adolescent Psychiatry, 2009, 18, 12-19.	4.7	66
13	Pathogen group specific risk factors at herd, heifer and quarter levels for intramammary infections in early lactating dairy heifers. Preventive Veterinary Medicine, 2011, 99, 91-101.	1.9	66
14	Risk factors forsalmonella dublininfection on dairy farms. Veterinary Quarterly, 1998, 20, 97-99.	6.7	61
15	Quantification of the relative efficiency of factory surveillance in the disclosure of tuberculosis lesions in attested Irish cattle. Veterinary Record, 2007, 161, 679-684.	0.3	61
16	Genetic Analysis of Primary and Secondary Immune Responses in the Chicken. Poultry Science, 1983, 62, 565-572.	3.4	59
17	Risk factors for clinical Salmonella enterica subsp. enterica serovar Typhimurium infection on Dutch dairy farms. Preventive Veterinary Medicine, 2002, 54, 157-168.	1.9	55
18	Risk factors for interdigital dermatitis and heel erosion in dairy cows kept in cubicle houses in The Netherlands. Preventive Veterinary Medicine, 2005, 71, 23-34.	1.9	55

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19	The effect of digital lesions and floor type on locomotion score in Dutch dairy cows. Preventive Veterinary Medicine, 2009, 88, 150-157.	1.9	55
20	A descriptive review of the prevalence and risk factors of hock lesions in dairy cows. Veterinary Journal, 2014, 202, 222-228.	1.7	55
21	Prevalence, risk factors and spatial analysis of liver fluke infections in Danish cattle herds. Parasites and Vectors, 2015, 8, 160.	2.5	54
22	Prevalence and risk factors for bruises in Chilean bovine carcasses. Meat Science, 2010, 86, 859-864.	5.5	51
23	Natural antibody isotypes as predictors of survival in laying hens. Poultry Science, 2011, 90, 2263-2274.	3.4	50
24	A cross-sectional study into prevalence and risk indicators of digital haemorrhages in female dairy calves. Preventive Veterinary Medicine, 1992, 14, 1-12.	1.9	47
25	Prevalence estimation and risk factors for Escherichia coli O157 on Dutch dairy farms. Preventive Veterinary Medicine, 2004, 64, 49-61.	1.9	46
26	The importance of â€˜neighbourhoodâ€™ in the persistence of bovine tuberculosis in Irish cattle herds. Preventive Veterinary Medicine, 2013, 110, 346-355.	1.9	46
27	Epidemiological characteristics of bovine herpesvirus 1Âinfections determined by bulk milk testing of all Dutch dairy herds. Veterinary Record, 1998, 142, 181-184.	0.3	43
28	Prevalence of digital disorders in zero-grazing dairy cows. Livestock Science, 1992, 32, 231-244.	1.2	42
29	A longitudinal study of Escherichia coli O157 in cattle of a Dutch dairy farm and in the farm environment. Veterinary Microbiology, 2005, 107, 193-204.	1.9	42
30	Trial design to estimate the effect of vaccination on tuberculosis incidence in badgers. Veterinary Microbiology, 2011, 151, 104-111.	1.9	42
31	Effects of food on physical and sleep complaints in children with ADHD: a randomised controlled pilot study. European Journal of Pediatrics, 2010, 169, 1129-1138.	2.7	40
32	Multivariate Epidemiological Approach to Salmonellosis in Broiler Breeder Flocks. Poultry Science, 1992, 71, 838-843.	3.4	39
33	Quantification of Mycobacterium bovis transmission in a badger vaccine field trial. Preventive Veterinary Medicine, 2018, 149, 29-37.	1.9	38
34	EPISCOPE: computer programs in veterinary epidemiology. Veterinary Record, 1990, 126, 573-6.	0.3	38
35	Associations between health disorders of French dairy cows and early and late culling within the lactation. Preventive Veterinary Medicine, 1994, 19, 213-231.	1.9	36
36	Associations between health disorders and culling of dairy cows: a review. Livestock Science, 1993, 35, 213-236.	1.2	35

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37	Use of an oxfendazole pulse release bolus in the control of parasitic gastroenteritis and parasitic bronchitis in first-season grazing calves. Veterinary Record, 1987, 121, 297-300.	0.3	34
38	Quantifying risk factors of coccidiosis in broilers using on-farm data based on a veterinary practice. Preventive Veterinary Medicine, 1998, 33, 297-308.	1.9	33
39	Modelling the effect of surveillance programmes on spread of bovine herpesvirus 1 between certified cattle herds. Veterinary Microbiology, 2001, 79, 193-208.	1.9	33
40	Epidemiology and quality assurance: applications at farm level. Preventive Veterinary Medicine, 1999, 39, 93-110.	1.9	31
41	Effect of neosporosis on productive and reproductive performance of dairy cattle in Costa Rica. Theriogenology, 2005, 64, 1928-1939.	2.1	29
42	Effect of culling and vaccination on bovine tuberculosis infection in a European badger (Meles meles) population by spatial simulation modelling. Preventive Veterinary Medicine, 2016, 125, 19-30.	1.9	27
43	Withinâ€herd BHVâ€1 prevalence prediction from an ELISA on bulk milk. Veterinary Record, 1997, 140, 484-485.	0.3	26
44	Temporal and spatial distribution of lumpy skin disease outbreaks in Ethiopia in the period 2000 to 2015. BMC Veterinary Research, 2017, 13, 310.	1.9	26
45	Factors associated with Neospora caninum serostatus in cattle of 20 specialised Costa Rican dairy herds. Preventive Veterinary Medicine, 2002, 53, 263-273.	1.9	25
46	Evaluation of a New Antibody-Based Enzyme-Linked Immunosorbent Assay for the Detection of Bovine Leukemia Virus Infection in Dairy Cattle. Journal of Veterinary Diagnostic Investigation, 2005, 17, 451-457.	1.1	25
47	Escherichia coli O157 prevalence in Dutch poultry, pig finishing and veal herds and risk factors in Dutch veal herds. Preventive Veterinary Medicine, 2005, 70, 1-15.	1.9	24
48	Glucose tolerance of pregnant sows is related to postnatal pig mortality.. Journal of Animal Science, 1996, 74, 879.	0.5	22
49	Prevention of disease transmission by semen in cattle. Livestock Science, 2000, 62, 207-220.	1.2	22
50	Probability of detecting antibodies to bovine herpesvirus 1Âin bulk milk after the introduction of a positive animal on to a negative farm. Veterinary Record, 1997, 140, 90-92.	0.3	21
51	The effect of becoming BVDV-free on fertility and udder health in Dutch dairy herds. Preventive Veterinary Medicine, 2008, 84, 48-60.	1.9	21
52	Genomeâ€wide association study of insect bite hypersensitivity in <scp>D</scp>utch <scp>S</scp>hetland pony mares. Animal Genetics, 2013, 44, 44-52.	1.7	21
53	Transmission dynamics of lumpy skin disease in Ethiopia. Epidemiology and Infection, 2017, 145, 2856-2863.	2.1	20
54	Risk factors associated with sick leave due to work-related injuries in Dutch farmers: an exploratory case-control study. Safety Science, 2004, 42, 807-823.	4.9	19

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55	Milk yield and survival of Holsteinâ€Friesian dairy cattle after laparoscopic correction of leftâ€displaced abomasum. Veterinary Record, 2008, 162, 743-746.	0.3	19
56	Relationship between somatic cell count status and subsequent clinical mastitis in Dutch dairy cows. Preventive Veterinary Medicine, 2011, 102, 265-273.	1.9	19
57	Financial analysis of brucellosis control for small-scale goat farming in the BajÃo region, Mexico. Preventive Veterinary Medicine, 2015, 118, 247-259.	1.9	19
58	Effectiveness of simulated interventions in reducing the estimated prevalence ofE. coliO157:H7 in lactating cows in dairy herds. Veterinary Research, 2007, 38, 755-771.	3.0	19
59	PRRS: Effect on herd performance after initial infection and risk analysis. Veterinary Quarterly, 1994, 16, 95-100.	6.7	16
60	Association between Dictyocaulus viviparus status and milk production parameters in Dutch dairy herds. Journal of Dairy Science, 2015, 98, 7741-7747.	3.4	16
61	A cross-sectional study of prevalence and risk factors of dermatitis interdigitalis in female dairy calves in the Netherlands. Preventive Veterinary Medicine, 1993, 17, 137-144.	1.9	15
62	Treatment of cystic ovarian disease in dairy cows with gonadotrophinâ€releasing hormone: A field study. Veterinary Quarterly, 1999, 21, 33-37.	6.7	15
63	Prevalence and risk factors for brucellosis in goats in areas of Mexico with and without brucellosis control campaign. Tropical Animal Health and Production, 2013, 45, 1383-1389.	1.4	15
64	Spatial and risk factor analysis of bovine viral diarrhoea (BVD) virus after the first-year compulsory phase of BVD eradication programme in Northern Ireland. Preventive Veterinary Medicine, 2018, 157, 34-43.	1.9	15
65	Fertility parameters of dairy cows with cystic ovarian disease after treatment with gonadotrophinâ€releasing hormone. Veterinary Record, 2001, 149, 383-386.	0.3	14
66	Milk production parameters in early lactation: potential risk factors of cystic ovarian disease in Dutch dairy cows. Livestock Science, 2003, 81, 25-33.	1.2	14
67	Evaluation of natural transmission of bovine leukaemia virus within dairy herds of Argentina. Epidemiology and Infection, 2007, 135, 228-237.	2.1	14
68	Seroprevalence and risk factors of lumpy skin disease in Ethiopia. Preventive Veterinary Medicine, 2018, 160, 99-104.	1.9	14
69	Effect on milk production of vaccination with a bovine herpesvirus 1 geneâ€deleted vaccine. Veterinary Record, 1997, 140, 196-199.	0.3	13
70	Survival analysis on aggregate data to assess time to sero-conversion after experimental infection with Bovine Leukemia virus. Preventive Veterinary Medicine, 2005, 68, 241-262.	1.9	13
71	Factors related to the incidence of clinical encephalomyocarditis virus (EMCV) infection on Belgian pig farms. Preventive Veterinary Medicine, 2007, 78, 24-34.	1.9	13
72	Bovine respiratory syncytial virus reinfections and decreased milk yield in dairy cattle. Veterinary Quarterly, 1995, 17, 77-81.	6.7	12

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73	Effects of flooring and restricted freestall access on behavior and claw health of dairy heifers. Journal of Dairy Science, 2011, 94, 705-715.	3.4	12
74	Simulated hazards of loosing infection-free status in a Dutch BHV1 model. Preventive Veterinary Medicine, 2004, 62, 51-58.	1.9	11
75	Transmission of bovine leukaemia virus within dairy herds by simulation modelling. Epidemiology and Infection, 2007, 135, 722-732.	2.1	11
76	Optimising and Evaluating the Characteristics of a Multiple Antigen ELISA for Detection of Mycobacterium bovis Infection in a Badger Vaccine Field Trial. PLoS ONE, 2014, 9, e100139.	2.5	10
77	Efficacy of antibiotic treatment and test-based culling strategies for eradicating brucellosis in commercial swine herds. Preventive Veterinary Medicine, 2016, 126, 105-110.	1.9	10
78	Intramammary antimicrobial treatment of subclinical mastitis and cow performance later in lactation. Journal of Dairy Science, 2019, 102, 4441-4451.	3.4	10
79	Transmission and quantification of verocytotoxin-producingEscherichia coliO157 in dairy cattle and calves. Epidemiology and Infection, 2009, 137, 114-123.	2.1	9
80	A randomized controlled pilot study into the effects of a restricted elimination diet on family structure in families with <scp>ADHD</scp> and <scp>ODD</scp>. Child and Adolescent Mental Health, 2013, 18, 39-45.	3.5	9
81	Field study on the use of vaccination to control the occurrence of lumpy skin disease in Ethiopian cattle. Preventive Veterinary Medicine, 2017, 147, 34-41.	1.9	9
82	Retrospective Outcome Monitoring of ADHD and Nutrition (ROMAN): The Effectiveness of the Few-Foods Diet in General Practice. Frontiers in Psychiatry, 2020, 11, 96.	2.6	9
83	Biomarker Research in ADHD: the Impact of Nutrition (BRAIN) - study protocol of an open-label trial to investigate the mechanisms underlying the effects of a few-foods diet on ADHD symptoms in children. BMJ Open, 2019, 9, e029422.	1.9	8
84	Double blind field evaluation of a trivalent vaccine against respiratory disease in veal calves. Veterinary Quarterly, 1994, 16, 148-152.	6.7	6
85	Estimating the power of a Mycobacterium bovis vaccine trial in Irish badgers. Preventive Veterinary Medicine, 2013, 111, 297-303.	1.9	6
86	Salmonella enteritidis: clinical epidemiological approaches for prevention and control of S. enteritidis in poultry production. International Journal of Food Microbiology, 1994, 21, 131-143.	4.7	5
87	Associations between health disorders during two consecutive lactations and culling in dairy cows. Livestock Science, 1994, 38, 207-216.	1.2	5
88	Correlation between brain function and ADHD symptom changes in children with ADHD following a few-foods diet: an open-label intervention trial. Scientific Reports, 2021, 11, 22205.	3.3	5
89	Predictors of the first between-herd animal movement for cattle born in 2002 in Ireland. Preventive Veterinary Medicine, 2010, 97, 264-269.	1.9	4
90	Risk factors for digital dermatitis in freeâ€stallâ€housed, Canadian dairy cattle. Veterinary Record Open, 2021, 8, e19.	1.0	4

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91	Regression analysis with nested effects in epidemiological studies: Assessment of a method eliminating one level of clustering. Preventive Veterinary Medicine, 1996, 25, 315-325.	1.9	3
92	â€˜La fiebre de Maltaâ€™: An Interface of Farmers and Caprine Brucellosis Control Policies in the BajÃo Region, Mexico. Transboundary and Emerging Diseases, 2017, 64, 171-184.	3.0	3
93	Establishment and pathogenicity of two strains of Ostertagia ostertagi and Cooperia oncophora in calves in different locations. Research in Veterinary Science, 1992, 52, 22-27.	1.9	2
94	Longitudinal Studies in the Epidemiology of Vesicular Stomatitis on Costa Rican Dairy Farms. Annals of the New York Academy of Sciences, 2006, 916, 417-430.	3.8	2
95	A New Model to Calibrate a Reference Standard for Bovine Tuberculin Purified Protein Derivative in the Target Species. Frontiers in Veterinary Science, 2018, 5, 232.	2.2	2
96	Opportunities for Brucellosis Control in Mexico: Views Based on the Sustainable Livelihoods Perspective. Frontiers in Veterinary Science, 2019, 6, 216.	2.2	2
97	Impact of udder disorders on culling of dairy cows. Veterinary Research, 1994, 25, 223-7.	3.0	2
98	Applied epidemiology: another tool in dairy herd health programs?. Veterinary Research, 1994, 25, 234-8.	3.0	2