

Yrjo T Grohn

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.

130
papers

3,007
citations

31
h-index

48
g-index

137
ext. papers

3,441
ext. citations

3.5
avg, IF

5
L-index

#	Paper	IF	Citations
130	Genetic and seasonal variations of <i>Trypanosoma theileri</i> and the association of <i>Trypanosoma theileri</i> infection with dairy cattle productivity in Northern Japan. <i>Parasitology International</i> , 2022 , 86, 102476	2.1	1
129	System Economic Costs of Antibiotic Use Elimination in the US Beef Supply Chain. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 606810	3.1	
128	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> , 2021 , 16, e0246983	3.7	5
127	Modeling the Effect of Tylosin Phosphate on Macrolide-Resistant Enterococci in Feedlots and Reducing Resistance Transmission. <i>Foodborne Pathogens and Disease</i> , 2021 , 18, 85-96	3.8	0
126	Evolutionary genomic and bacteria GWAS analysis of subsp. and dairy cattle <i>Johne's</i> disease phenotypes. <i>Applied and Environmental Microbiology</i> , 2021 ,	4.8	3
125	Comparison of China and the European Union Approaches to Antimicrobial Stewardship in the Pork Industry. <i>Foodborne Pathogens and Disease</i> , 2021 , 18, 567-573	3.8	1
124	Fertility risk factors in transferring Japanese Black embryos into dairy heifers: An epidemiological study. <i>Veterinary and Animal Science</i> , 2021 , 13, 100193	2.3	
123	A brief note on a multistrain SIR model with complete cross-protection and nonlinear force of infection. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 103, 106001	3.7	0
122	Is <i>Salmonella enterica</i> shared between wildlife and cattle in cattle farming areas? An 11-year retrospective study in Tokachi district, Hokkaido, Japan.. <i>Veterinary Medicine and Science</i> , 2021 ,	2.1	1
121	The effect of tylosin on antimicrobial resistance in beef cattle enteric bacteria: A systematic review and meta-analysis. <i>Preventive Veterinary Medicine</i> , 2020 , 176, 104934	3.1	7
120	Synergistic China-US Ecological Research is Essential for Global Emerging Infectious Disease Preparedness. <i>EcoHealth</i> , 2020 , 17, 160-173	3.1	22
119	Characterizing infectious disease progression through discrete states using hidden Markov models. <i>PLoS ONE</i> , 2020 , 15, e0242683	3.7	1
118	Economics of reducing antibiotic usage for clinical mastitis and metritis through genomic selection. <i>Journal of Dairy Science</i> , 2020 , 103, 473-491	4	3
117	How do veterinarians influence sales of antimicrobials? A spatial-temporal analysis of the French prescribing-delivery complex in cattle. <i>Zoonoses and Public Health</i> , 2020 , 67, 231-242	2.9	2
116	Economic effects of policy options restricting antimicrobial use for high risk cattle placed in U.S. feedlots. <i>PLoS ONE</i> , 2020 , 15, e0239135	3.7	2
115	Tradeoffs between resistance to antimicrobials in public health and their use in agriculture: Moving towards sustainability assessment. <i>Ecological Economics</i> , 2019 , 166, 106427	5.6	6
114	Mastitis risk effect on the economic consequences of paratuberculosis control in dairy cattle: A stochastic modeling study. <i>PLoS ONE</i> , 2019 , 14, e0217888	3.7	3

113	Assessment of the bovine tuberculosis elimination protocol in the United States. <i>Journal of Dairy Science</i> , 2019 , 102, 2384-2400	4	5
112	Global resistance to antimicrobials and their sustainable use in agriculture. <i>Lancet Planetary Health, The</i> , 2019 , 3, e109-e110	9.8	7
111	Shared Multidrug Resistance Patterns in Chicken-Associated Identified by Association Rule Mining. <i>Frontiers in Microbiology</i> , 2019 , 10, 687	5.7	3
110	Estimation of multidrug resistance variability in the National Antimicrobial Monitoring System. <i>Preventive Veterinary Medicine</i> , 2019 , 167, 137-145	3.1	1
109	Antimicrobial Policies in United States Beef Production: Choosing the Right Instruments to Reduce Antimicrobial Use and Resistance Under Structural and Market Constraints. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 245	3.1	8
108	Disease management at the wildlife-livestock interface: Using whole-genome sequencing to study the role of elk in <i>Mycobacterium bovis</i> transmission in Michigan, USA. <i>Molecular Ecology</i> , 2019 , 28, 2192-2205	5.7	30
107	Identification of Sero-Diagnostic Antigens for the Early Diagnosis of Johne's Disease using MAP Protein Microarrays. <i>Scientific Reports</i> , 2019 , 9, 17573	4.9	5
106	An agent-based model evaluation of economic control strategies for paratuberculosis in a dairy herd. <i>Journal of Dairy Science</i> , 2018 , 101, 6443-6454	4	9
105	Inferring the interaction structure of resistance to antimicrobials. <i>Preventive Veterinary Medicine</i> , 2018 , 152, 81-88	3.1	5
104	Transmission dynamics of intramammary infections caused by <i>Corynebacterium</i> species. <i>Journal of Dairy Science</i> , 2018 , 101, 472-479	4	5
103	Postharvest Supply Chain with Microbial Travelers: a Farm-to-Retail Microbial Simulation and Visualization Framework. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	5
102	Associations of the first occurrence of pathogen-specific clinical mastitis with milk yield and milk composition in dairy cows. <i>Journal of Dairy Research</i> , 2018 , 85, 309-316	1.6	11
101	The farm cost of decreasing antimicrobial use in dairy production. <i>PLoS ONE</i> , 2018 , 13, e0194832	3.7	17
100	Expanding behavior pattern sensitivity analysis with model selection and survival analysis. <i>BMC Veterinary Research</i> , 2018 , 14, 355	2.7	0
99	A data-driven individual-based model of infectious disease in livestock operation: A validation study for paratuberculosis. <i>PLoS ONE</i> , 2018 , 13, e0203177	3.7	4
98	An assessment of the economic costs to the U.S. dairy market of antimicrobial use restrictions. <i>Preventive Veterinary Medicine</i> , 2018 , 160, 63-67	3.1	8
97	Sow removal in commercial herds: Patterns and animal level factors in Finland. <i>Preventive Veterinary Medicine</i> , 2018 , 159, 30-39	3.1	7
96	A proposed analytic framework for determining the impact of an antimicrobial resistance intervention. <i>Animal Health Research Reviews</i> , 2017 , 18, 1-25	2.1	3

95	Optimally achieving milk bulk tank somatic cell count thresholds. <i>Journal of Dairy Science</i> , 2017 , 100, 731-738	4	5
94	Pathogenesis, Molecular Genetics, and Genomics of subsp. , the Etiologic Agent of JohneW Disease. <i>Frontiers in Veterinary Science</i> , 2017 , 4, 187	3.1	45
93	Monte Carlo Simulations Suggest Current Chlortetracycline Drug-Residue Based Withdrawal Periods Would Not Control Antimicrobial Resistance Dissemination from Feedlot to Slaughterhouse. <i>Frontiers in Microbiology</i> , 2017 , 8, 1753	5.7	7
92	Identification of sero-reactive antigens for the early diagnosis of JohneW disease in cattle. <i>PLoS ONE</i> , 2017 , 12, e0184373	3.7	11
91	Early detection of Mycobacterium avium subsp. paratuberculosis infection in cattle with multiplex-bead based immunoassays. <i>PLoS ONE</i> , 2017 , 12, e0189783	3.7	10
90	Modeling of Mycobacterium avium subsp. paratuberculosis dynamics in a dairy herd: An individual based approach. <i>Journal of Theoretical Biology</i> , 2016 , 408, 105-117	2.3	13
89	Monitoring Antimicrobial Resistance in the Food Supply Chain and Its Implications for FDA Policy Initiatives. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5302-11	5.9	21
88	Validation of a Previously Developed Geospatial Model That Predicts the Prevalence of Listeria monocytogenes in New York State Produce Fields. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 797-807	4.8	13
87	Addressing Antimicrobial Resistance: An Overview of Priority Actions to Prevent Suboptimal Antimicrobial Use in Food-Animal Production. <i>Frontiers in Microbiology</i> , 2016 , 7, 2114	5.7	60
86	Analysis of subsp. mutant libraries reveals loci-dependent transposition biases and strategies for novel mutant discovery. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 633-641	2.9	6
85	The value of pathogen information in treating clinical mastitis. <i>Journal of Dairy Research</i> , 2016 , 83, 456-468	4.6	8
84	Evidence of no protection for a recurrent case of pathogen specific clinical mastitis from a previous case. <i>Journal of Dairy Research</i> , 2016 , 83, 72-80	1.6	12
83	Microbial dynamics of indicator microorganisms on fresh tomatoes in the supply chain from Mexico to the USA. <i>International Journal of Food Microbiology</i> , 2016 , 238, 202-207	5.8	11
82	Longitudinal data collection of Mycobacterium avium subspecies Paratuberculosis infections in dairy herds: the value of precise field data. <i>Veterinary Research</i> , 2015 , 46, 65	3.8	31
81	Sero-prevalence and risk factors associated with African swine fever on pig farms in southwest Nigeria. <i>BMC Veterinary Research</i> , 2015 , 11, 133	2.7	9
80	A new compartmental model of Mycobacterium avium subsp. paratuberculosis infection dynamics in cattle. <i>Preventive Veterinary Medicine</i> , 2015 , 122, 298-305	3.1	16
79	Progression to multi-scale models and the application to food system intervention strategies. <i>Preventive Veterinary Medicine</i> , 2015 , 118, 238-46	3.1	5
78	Back to the real world: connecting models with data. <i>Preventive Veterinary Medicine</i> , 2015 , 118, 215-25	3.1	18

77	Use of Approximate Bayesian Computation to Assess and Fit Models of Mycobacterium leprae to Predict Outcomes of the Brazilian Control Program. <i>PLoS ONE</i> , 2015 , 10, e0129535	3.7	4
76	Stochastic modeling of imperfect Salmonella vaccines in an adult dairy herd. <i>Bulletin of Mathematical Biology</i> , 2014 , 76, 541-65	2.1	4
75	Modeling the infection dynamics of bacteriophages in enteric Escherichia coli: estimating the contribution of transduction to antimicrobial gene spread. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 4350-62	4.8	51
74	Minimum cost to control bovine tuberculosis in cow-calf herds. <i>Preventive Veterinary Medicine</i> , 2014 , 115, 18-28	3.1	9
73	Ewe characteristics associated with neonatal loss in Norwegian sheep. <i>Preventive Veterinary Medicine</i> , 2014 , 114, 267-75	3.1	7
72	Evaluation of novel oral vaccine candidates and validation of a caprine model of Johne's disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 26	5.9	35
71	Screening of Mycobacterium avium subsp. paratuberculosis mutants for attenuation in a bovine monocyte-derived macrophage model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 87	5.9	15
70	Evaluation of eight live attenuated vaccine candidates for protection against challenge with virulent Mycobacterium avium subspecies paratuberculosis in mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 88	5.9	18
69	A rational framework for evaluating the next generation of vaccines against Mycobacterium avium subspecies paratuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 126	5.9	27
68	Responding to bioterror concerns by increasing milk pasteurization temperature would increase estimated annual deaths from listeriosis. <i>Journal of Food Protection</i> , 2014 , 77, 696-712	2.5	6
67	Use of pharmacokinetic modeling to assess antimicrobial pressure on enteric bacteria of beef cattle fed chlortetracycline for growth promotion, disease control, or treatment. <i>Foodborne Pathogens and Disease</i> , 2014 , 11, 403-11	3.8	16
66	Impact of imperfect Mycobacterium avium subsp. paratuberculosis vaccines in dairy herds: a mathematical modeling approach. <i>Preventive Veterinary Medicine</i> , 2013 , 108, 148-58	3.1	19
65	Cost-Effective Control Strategies for Johne's Disease in Dairy Herds. <i>Canadian Journal of Agricultural Economics</i> , 2013 , 61, 583-608	10.8	20
64	Minimization of bovine tuberculosis control costs in US dairy herds. <i>Preventive Veterinary Medicine</i> , 2013 , 112, 266-75	3.1	13
63	Using vaccination to prevent the invasion of Mycobacterium avium subsp. paratuberculosis in dairy herds: a stochastic simulation study. <i>Preventive Veterinary Medicine</i> , 2013 , 110, 335-45	3.1	21
62	Development of a model to simulate infection dynamics of Mycobacterium bovis in cattle herds in the United States. <i>Journal of the American Veterinary Medical Association</i> , 2013 , 243, 411-23	1	15
61	Implementation of statistical tools to support identification and management of persistent Listeria monocytogenes contamination in smoked fish processing plants. <i>Journal of Food Protection</i> , 2013 , 76, 796-811	2.5	23
60	Risk factors associated with Salmonella and Listeria monocytogenes contamination of produce fields. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7618-27	4.8	100

59	Landscape and meteorological factors affecting prevalence of three food-borne pathogens in fruit and vegetable farms. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 588-600	4.8	176
58	Modelling dynamics of plasmid-gene mediated antimicrobial resistance in enteric bacteria using stochastic differential equations. <i>Scientific Reports</i> , 2013 , 3, 2463	4.9	15
57	Clinical features of human salmonellosis caused by bovine-associated subtypes in New York. <i>Foodborne Pathogens and Disease</i> , 2012 , 9, 796-802	3.8	9
56	Mathematical model of plasmid-mediated resistance to ceftiofur in commensal enteric <i>Escherichia coli</i> of cattle. <i>PLoS ONE</i> , 2012 , 7, e36738	3.7	46
55	Farm animal contact as risk factor for transmission of bovine-associated <i>Salmonella</i> subtypes. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1929-36	10.2	28
54	Development of a multiplex assay for the detection of antibodies to <i>Borrelia burgdorferi</i> in horses and its validation using Bayesian and conventional statistical methods. <i>Veterinary Immunology and Immunopathology</i> , 2011 , 144, 374-81	2	33
53	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> , 2011 , 8, 1281-8	3.8	24
52	Mathematical modeling of the transmission and control of foodborne pathogens and antimicrobial resistance at preharvest. <i>Foodborne Pathogens and Disease</i> , 2011 , 8, 1-10	3.8	32
51	Mastitis and the shape of the lactation curve in Norwegian dairy cows. <i>Journal of Dairy Research</i> , 2011 , 78, 23-31	1.6	16
50	Quantitative risk assessment of listeriosis due to consumption of raw milk. <i>Journal of Food Protection</i> , 2011 , 74, 1268-81	2.5	45
49	Prevalence, distribution, and diversity of <i>Listeria monocytogenes</i> in retail environments, focusing on small establishments and establishments with a history of failed inspections. <i>Journal of Food Protection</i> , 2011 , 74, 1083-95	2.5	57
48	Comparison of public health impact of <i>Listeria monocytogenes</i> product-to-product and environment-to-product contamination of deli meats at retail. <i>Journal of Food Protection</i> , 2011 , 74, 1860-5	2.5	27
47	Model or meal? Farm animal populations as models for infectious diseases of humans. <i>Nature Reviews Microbiology</i> , 2010 , 8, 139-48	22.2	23
46	Quantitative risk assessment of listeriosis-associated deaths due to <i>Listeria monocytogenes</i> contamination of deli meats originating from manufacture and retail. <i>Journal of Food Protection</i> , 2010 , 73, 620-30	2.5	61
45	The effect of clinical outbreaks of salmonellosis on the prevalence of fecal <i>Salmonella</i> shedding among dairy cattle in New York. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 815-23	3.8	36
44	Pulsed-field gel electrophoresis diversity of human and bovine clinical <i>Salmonella</i> isolates. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 707-17	3.8	27
43	<i>Salmonella enterica</i> serotype Cerro among dairy cattle in New York: an emerging pathogen?. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 659-65	3.8	39
42	Economic Analysis of the Cross-Reactivity of Johne's Disease Vaccination with Tuberculosis in Dairy Cattle. <i>American Journal of Agricultural Economics</i> , 2010 , 92, 1446-1455	3.1	7

41	Transmission dynamics of a multidrug-resistant Salmonella typhimurium outbreak in a dairy farm. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 467-74	3.8	15
40	Development of a microarray for identification of pathogenic Clostridium spp. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010 , 66, 140-7	2.9	5
39	Correlated time to event data: Modeling repeated clinical mastitis data from dairy cattle in New York State. <i>Preventive Veterinary Medicine</i> , 2010 , 97, 150-6	3.1	19
38	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> , 2010 , 264, 1190-201	2.3	40
37	Quantitative risk assessment for Listeria monocytogenes in selected categories of deli meats: impact of lactate and diacetate on listeriosis cases and deaths. <i>Journal of Food Protection</i> , 2009 , 72, 978-89	2.5	52
36	Association of Escherichia coli J5-specific serum antibody responses with clinical mastitis outcome for J5 vaccinate and control dairy cattle. <i>Vaccine Journal</i> , 2009 , 16, 209-17		21
35	Multilocus variable-number tandem-repeat method for typing Salmonella enterica serovar Newport. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 1934-8	9.7	29
34	Assessing the potential impact of Salmonella vaccines in an endemically infected dairy herd. <i>Journal of Theoretical Biology</i> , 2009 , 259, 770-84	2.3	14
33	Microarray identification of Clostridium difficile core components and divergent regions associated with host origin. <i>Journal of Bacteriology</i> , 2009 , 191, 3881-91	3.5	60
32	Fecal shedding of, antimicrobial resistance in, and serologic response to Salmonella Typhimurium in dairy calves. <i>Journal of the American Veterinary Medical Association</i> , 2009 , 235, 739-48	1	4
31	Microarray for molecular typing of Salmonella enterica serovars. <i>Molecular and Cellular Probes</i> , 2008 , 22, 238-43	3.3	45
30	Extreme value theory in analysis of differential expression in microarrays where either only up- or down-regulated genes are relevant or expected. <i>Genetical Research</i> , 2008 , 90, 347-61	1.1	3
29	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> , 2007 , 14, 693-9		32
28	Optimal levels of inputs to control Listeria monocytogenes contamination at a smoked fish plant. <i>Agribusiness</i> , 2007 , 23, 229-244	2.3	1
27	Markov chain approach to analyze the dynamics of pathogen fecal shedding--example of Listeria monocytogenes shedding in a herd of dairy cattle. <i>Journal of Theoretical Biology</i> , 2007 , 245, 44-58	2.3	15
26	Nonparametric estimation of ROC curves based on Bayesian models when the true disease state is unknown. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2007 , 12, 128-146	1.9	19
25	How university researchers can contribute to farm-to-table risk assessments: Listeria monocytogenes as an example. <i>Foodborne Pathogens and Disease</i> , 2007 , 4, 527-37	3.8	2
24	Listeria monocytogenes in multiple habitats and host populations: review of available data for mathematical modeling. <i>Foodborne Pathogens and Disease</i> , 2006 , 3, 319-36	3.8	85

23	Daily variability of <i>Listeria</i> contamination patterns in a cold-smoked salmon processing operation. <i>Journal of Food Protection</i> , 2006 , 69, 2123-33	2.5	27
22	Effect of pathogen-specific clinical mastitis on herd life in two New York State dairy herds. <i>Preventive Veterinary Medicine</i> , 2005 , 71, 105-25	3.1	54
21	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> , 2005 , 227, 1808-14	1	49
20	A mathematical model for the transmission of <i>Salmonella</i> Typhimurium within a grower-finisher pig herd in Great Britain. <i>Journal of Food Protection</i> , 2004 , 67, 2403-9	2.5	28
19	Mathematical model of <i>Listeria monocytogenes</i> cross-contamination in a fish processing plant. <i>Journal of Food Protection</i> , 2004 , 67, 2688-97	2.5	25
18	Forecasting clinical disease in pigs: comparing a naive and a Bayesian approach. <i>Preventive Veterinary Medicine</i> , 2004 , 64, 85-100	3.1	3
17	Effect of pathogen-specific clinical mastitis on milk yield in dairy cows. <i>Journal of Dairy Science</i> , 2004 , 87, 3358-74	4	225
16	Evaluation of multiple radiographic predictors of cartilage lesions in the hip joints of eight-month-old dogs. <i>American Journal of Veterinary Research</i> , 2003 , 64, 1472-8	1.1	26
15	Optimizing replacement of dairy cows: modeling the effects of diseases. <i>Preventive Veterinary Medicine</i> , 2003 , 61, 27-43	3.1	69
14	The <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> ELISA response by parity and stage of lactation. <i>Preventive Veterinary Medicine</i> , 2002 , 54, 1-10	3.1	52
13	Effect of preparing and loading multiple insemination guns on conception rate in two large commercial dairy herds. <i>Theriogenology</i> , 2002 , 57, 909-21	2.8	8
12	The effects of health classification and housing and management of feeder pigs on performance and meat inspection findings of all-in-all-out swine-finishing herds. <i>Preventive Veterinary Medicine</i> , 2001 , 49, 41-54	3.1	16
11	Analysis of correlated continuous repeated observations: modelling the effect of ketosis on milk yield in dairy cows. <i>Preventive Veterinary Medicine</i> , 1999 , 39, 137-53	3.1	46
10	Farrowing unit housing and management factors associated with diseases and disease signs of importance for feeder pig quality. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1997 , 47, 117-125	0.6	2
9	A diagnostic and prognostic tool for epidemiologic and economic analyses of dairy herd health management. <i>Journal of Dairy Science</i> , 1995 , 78, 947-61	4	16
8	Dairy cow characteristics related to <i>Staphylococcus aureus</i> isolation from quarter samples. <i>Journal of Dairy Research</i> , 1995 , 62, 69-81	1.6	5
7	Nonlinear mixed model analyses of five production disorders of dairy cattle. <i>Journal of Dairy Science</i> , 1993 , 76, 2765-72	4	50
6	The mediating effect of maternal nutrition knowledge on the association between maternal schooling and child nutritional status in Lesotho. <i>American Journal of Epidemiology</i> , 1992 , 135, 904-14	3.8	55

5	An epidemiological and genetic study on registered diseases in Finnish Ayrshire cattle. I. The data, disease occurrence and culling. <i>Acta Veterinaria Scandinavica</i> , 1986 , 27, 182-95	2	55
4	An epidemiological and genetic study on registered diseases in Finnish Ayrshire cattle. II. Reproductive disorders. <i>Acta Veterinaria Scandinavica</i> , 1986 , 27, 196-208	2	22
3	An epidemiological and genetic study on registered diseases in Finnish Ayrshire cattle. III. Metabolic diseases. <i>Acta Veterinaria Scandinavica</i> , 1986 , 27, 209-22	2	30
2	An epidemiological and genetic study on registered diseases in Finnish Ayrshire cattle. IV. Clinical mastitis. <i>Acta Veterinaria Scandinavica</i> , 1986 , 27, 223-34	2	40
1	Epidemiology and genetic basis of ketosis in Finnish Ayrshire cattle. <i>Preventive Veterinary Medicine</i> , 1984 , 3, 65-77	3.1	40