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List of Publications by Year
in descending order

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43	651	566801	642321
papers	citations	15 h-index	23 g-index

45	45	45	627
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting livestock behaviour using accelerometers: A systematic review of processing techniques for ruminant behaviour prediction from raw accelerometer data. Computers and Electronics in Agriculture, 2022, 192, 106610.	3.7	67
2	Capacity of a Bayesian model to detect infected herds using disease dynamics and risk factor information from surveillance programmes: A simulation study. Preventive Veterinary Medicine, 2022, 200, 105582.	0.7	4
3	Comparison of the confidence in freedom from infection based on different control programmes between EU member states: STOC free. EFSA Supporting Publications, 2022, 19, .	0.3	0
4	Development of a syndromic surveillance system for Irish dairy cattle using milk recording data. Preventive Veterinary Medicine, 2022, 204, 105667.	0.7	1
5	Output-based assessment of herd-level freedom from infection in endemic situations: Application of a Bayesian Hidden Markov model. Preventive Veterinary Medicine, 2022, 204, 105662.	0.7	1
6	Key Learnings During the Development of a Generic Data Collection Tool to Support Assessment of Freedom of Infection in Cattle Herds. Frontiers in Veterinary Science, 2021, 8, 656336.	0.9	2
7	Existence and Quality of Data on Control Programs for EU Non-regulated Cattle Diseases: Consequences for Estimation and Comparison of the Probability of Freedom From Infection. Frontiers in Veterinary Science, 2021, 8, 689375.	0.9	2
8	Identification of discriminating behavioural and movement variables in lameness scores of dairy cows at pasture from accelerometer and GPS sensors using a Partial Least Squares Discriminant Analysis. Preventive Veterinary Medicine, 2021, 193, 105383.	0.7	17
9	Standardizing output-based surveillance to control non-regulated cattle diseases: Aspiring for a single general regulatory framework in the European Union. Preventive Veterinary Medicine, 2020, 183, 105130.	0.7	11
10	Quantification of risk factors for bovine viral diarrhea virus in cattle herds: A systematic search and meta-analysis of observational studies. Journal of Dairy Science, 2020, 103, 9446-9463.	1.4	18
11	Use of Predicted Behavior from Accelerometer Data Combined with GPS Data to Explore the Relationship between Dairy Cow Behavior and Pasture Characteristics. Sensors, 2020, 20, 4741.	2.1	24
12	Development of a methodological framework for a robust prediction of the main behaviours of dairy cows using a combination of machine learning algorithms on accelerometer data. Computers and Electronics in Agriculture, 2020, 169, 105179.	3.7	53
13	A description and qualitative comparison of the elements of heterogeneous bovine viral diarrhea control programs that influence confidence of freedom. Journal of Dairy Science, 2020, 103, 4654-4671.	1.4	18
14	STOC Free: An Innovative Framework to Compare Probability of Freedom From Infection in Heterogeneous Control Programmes. Frontiers in Veterinary Science, 2019, 6, 133.	0.9	9
15	Evaluation of pre-processing methods for the prediction of cattle behaviour from accelerometer data. Computers and Electronics in Agriculture, 2019, 165, 104961.	3.7	38
16	Effects on milk quantity and composition associated with extruded linseed supplementation to dairy cow diets. Scientific Reports, 2019, 9, 17563.	1.6	6
17	Does feeding extruded linseed to dairy cows improve reproductive performance in dairy herds? An observational study. Theriogenology, 2019, 125, 293-301.	0.9	3
18	Mid-season targeted selective anthelmintic treatment based on flexible weight gain threshold for nematode infection control in dairy calves. Animal, 2018, 12, 1030-1040.	1.3	8

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19	Evaluation of the impact of a Herd Health and Production Management programme in organic dairy cattle farms: a process evaluation approach. Animal, 2018, 12, 1475-1483.	1.3	7
20	Prevalence of production disease related indicators in organic dairy herds in four European countries. Livestock Science, 2017, 198, 104-108.	0.6	26
21	Design and evaluation of multi-indicator profiles for targeted-selective treatment against gastrointestinal nematodes at housing in adult dairy cows. Veterinary Parasitology, 2017, 237, 17-29.	0.7	9
22	How can veterinarians be interesting partners for organic dairy farmers? French farmersâ€™ point of views. Preventive Veterinary Medicine, 2017, 146, 16-26.	0.7	18
23	Herd-level animal management factors associated with the occurrence of bovine neonatal pancytopenia in calves in a multi-country study. PLoS ONE, 2017, 12, e0179878.	1.1	3
24	Explaining variability in first grazing season heifer growth combining individually measured parasitological and clinical indicators with exposure to gastrointestinal nematode infection based on grazing management practice. Veterinary Parasitology, 2016, 225, 61-69.	0.7	14
25	A participatory approach to design monitoring indicators of production diseases in organic dairy farms. Preventive Veterinary Medicine, 2016, 128, 12-22.	0.7	20
26	Perceptions of French private veterinary practitionersâ€™ on their role in organic dairy farms and opportunities to improve their advisory services for organic dairy farmers. Preventive Veterinary Medicine, 2016, 133, 10-21.	0.7	24
27	Quantification of the increase in the frequency of early calving associated with late exposure to bluetongue virus serotype 8 in dairy cows: implications for syndromic surveillance. Veterinary Research, 2016, 47, 18.	1.1	4
28	Application of syndromic surveillance on routinely collected cattle reproduction and milk production data for the early detection of outbreaks of Bluetongue and Schmallenberg viruses. Preventive Veterinary Medicine, 2016, 124, 15-24.	0.7	22
29	Devising an Indicator to Detect Mid-Term Abortions in Dairy Cattle: A First Step Towards Syndromic Surveillance of Abortive Diseases. PLoS ONE, 2015, 10, e0119012.	1.1	18
30	Evaluation of Two PCR Tests for Coxiella burnetii Detection in Dairy Cattle Farms Using Latent Class Analysis. PLoS ONE, 2015, 10, e0144608.	1.1	8
31	Can routinely recorded reproductive events be used as indicators of disease emergence in dairy cattle? An evaluation of 5 indicators during the emergence of bluetongue virus in France in 2007 and 2008. Journal of Dairy Science, 2014, 97, 6135-6150.	1.4	16
32	Use of monthly collected milk yields for the detection of the emergence of the 2007 French BTV epizootic. Preventive Veterinary Medicine, 2014, 113, 484-491.	0.7	16
33	Analysis of scientific truth status in controlled rehabilitation trials. Journal of Evaluation in Clinical Practice, 2013, 19, 617-625.	0.9	4
34	Evaluation of a Continuous Indicator for Syndromic Surveillance through Simulation. Application to Vector Borne Disease Emergence Detection in Cattle Using Milk Yield. PLoS ONE, 2013, 8, e73726.	1.1	18
35	Calf-Level Factors Associated with Bovine Neonatal Pancytopenia â€“ A Multi-Country Case-Control Study. PLoS ONE, 2013, 8, e80619.	1.1	16
36	Risk factors for a high somatic cell count at the first milk recording in a large sample of UK dairy herds. Journal of Dairy Science, 2012, 95, 1873-1884.	1.4	13

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37	A semi-parametric model for lactation curves: Development and application. Preventive Veterinary Medicine, 2012, 105, 38-48.	0.7	5
38	Association between somatic cell count and serial locomotion score assessments in UK dairy cows. Journal of Dairy Science, 2011, 94, 4383-4388.	1.4	15
39	Influence of culture medium pH on internalization, growth and phenotypic plasticity of Neospora caninum. Veterinary Parasitology, 2011, 177, 267-274.	0.7	11
40	Somatic cell count dynamics in a large sample of dairy herds in England and Wales. Preventive Veterinary Medicine, 2010, 96, 56-64.	0.7	37
41	Improving farm veterinary services. Veterinary Record, 2010, 166, 659-660.	0.2	2
42	Use of individual cow milk recording data at the start of lactation to predict the calving to conception interval. Journal of Dairy Science, 2010, 93, 4677-4690.	1.4	35
43	A modelling framework for the prediction of the herd-level probability of infection from longitudinal data. , 0, 2, .		3