Soren Ostergaard

List of Publications by Year
in descending order

72 papers	1,705 citations	236925 25 h-index	315739 38 g-index
74 all docs	74 docs citations	74 times ranked	1529 citing authors

#	Article	IF	Citations
1	Milk fever control principles: a review. Acta Veterinaria Scandinavica, 2002, 43, 1.	1.6	85
2	Danish Stable Schools for Experiential Common Learning in Groups of Organic Dairy Farmers. Journal of Dairy Science, 2007, 90, 2543-2554.	3.4	79
3	A stochastic model simulating paratuberculosis in a dairy herd. Preventive Veterinary Medicine, 2007, 78, 97-117.	1.9	71
4	Effects of Diseases on Test Day Milk Yield and Body Weight of Dairy Cows from Danish Research Herds. Journal of Dairy Science, 1999, 82, 1188-1201.	3.4	67
5	A Stochastic Model Simulating Pathogen-Specific Mastitis Control in a Dairy Herd. Journal of Dairy Science, 2005, 88, 4243-4257.	3.4	64
6	Economic decision making on prevention and control of clinical lameness in Danish dairy herds. Livestock Science, 2006, 102, 92-106.	1.6	61
7	Development and Daily Management of an Explicit Strategy of Nonuse of Antimicrobial Drugs in Twelve Danish Organic Dairy Herds. Journal of Dairy Science, 2006, 89, 1842-1853.	3.4	60
8	Economy, Efficacy, and Feasibility of a Risk-Based Control Program Against Paratuberculosis. Journal of Dairy Science, 2008, 91, 4599-4609.	3.4	55
9	Economic opportunities for using sexed semen and semen of beef bulls in dairy herds. Journal of Dairy Science, 2017, 100, 4161-4171.	3.4	53
10	Economic impact of clinical mastitis in a dairy herd assessed by stochastic simulation using different methods to model yield losses. Animal, 2009, 3, 315-328.	3.3	51
11	Potential of milk mid-IR spectra to predict metabolic status of cows through blood components and an innovative clustering approach. Animal, 2019, 13, 649-658.	3.3	48
12	Modelling the economic impact of three lameness causing diseases using herd and cow level evidence. Preventive Veterinary Medicine, 2010, 95, 64-73.	1.9	46
13	A stochastic model simulating milk fever in a dairy herd. Preventive Veterinary Medicine, 2003, 58, 125-143.	1.9	41
14	Concentrate feeding, dry-matter intake, and metabolic disorders in Danish dairy cows. Livestock Science, 2000, 65, 107-118.	1.2	40
15	Prediction of metabolic clusters in early-lactation dairy cows using models based on milk biomarkers. Journal of Dairy Science, 2019, 102, 2631-2644.	3.4	36
16	Genomeâ€wide association for milk production and lactation curve parameters in Holstein dairy cows. Journal of Animal Breeding and Genetics, 2020, 137, 292-304.	2.0	36
17	Challenges and priorities for modelling livestock health and pathogens in the context of climate change. Environmental Research, 2016, 151, 130-144.	7.5	35
18	A Stochastic Model Simulating the Feeding-Health-Production Complex in a Dairy Herd. Journal of Dairy Science, 2000, 83, 721-733.	3.4	32

#	Article	IF	Citations
19	Technical Indicators of Financial Performance in the Dairy Herd. Journal of Dairy Science, 2008, 91, 620-631.	3.4	32
20	Economic consequences of mastitis and withdrawal of milk with high somatic cell count in Swedish dairy herds. Animal, 2010, 4, 1758-1770.	3.3	31
21	Estimation of the economical effects of Eimeria infections in Estonian dairy herds using a stochastic model. Preventive Veterinary Medicine, 2012, 106, 258-265.	1.9	31
22	Loser cows in Danish dairy herds: Definition, prevalence and consequences. Preventive Veterinary Medicine, 2007, 79, 116-135.	1.9	30
23	Feeding, production, and efficiency of Holstein-Friesian, Jersey, and mixed-breed lactating dairy cows in commercial Danish herds. Journal of Dairy Science, 2015, 98, 263-274.	3.4	30
24	Potential of milk mid-infrared spectra to predict nitrogen use efficiency of individual dairy cows in early lactation. Journal of Dairy Science, 2020, 103, 4435-4445.	3.4	29
25	Simulated economic effects of improving the sensitivity of a diagnostic test in paratuberculosis control. Preventive Veterinary Medicine, 2007, 78, 118-129.	1.9	28
26	Economic consequences of postponed first insemination of cows in a dairy cattle herd. Livestock Science, 2003, 79, 145-153.	1.2	25
27	Optimal replacement policies for dairy cows based on daily yield measurements. Journal of Dairy Science, 2010, 93, 75-92.	3.4	25
28	Economic consequences of dairy crossbreeding in conventional and organic herds in Sweden. Journal of Dairy Science, 2020, 103, 514-528.	3.4	25
29	Technical and economic effects of an inline progesterone indicator in a dairy herd estimated by stochastic simulation. Theriogenology, 2005, 64, 819-843.	2.1	24
30	Loser cows in Danish dairy herds: Risk factors. Preventive Veterinary Medicine, 2007, 79, 136-154.	1.9	22
31	Economic values and expected effect of selection index for pathogen-specific mastitis under Danish conditions. Journal of Dairy Science, 2010, 93, 358-369.	3.4	22
32	Gross margin losses due to Salmonella Dublin infection in Danish dairy cattle herds estimated by simulation modelling. Preventive Veterinary Medicine, 2013, 111, 51-62.	1.9	22
33	The effect of lameness treatments and treatments for other health disorders on the weight gain and feed conversion in boars at a Danish test station. Livestock Science, 2007, 112, 34-42.	1.6	20
34	Effect of including genetic progress in milk yield on evaluating the use of sexed semen and other reproduction strategies in a dairy herd. Animal, 2011, 5, 1887-1897.	3.3	20
35	A review of the feedingâ€“healthâ€“production complex in a dairy herd. Preventive Veterinary Medicine, 1998, 36, 109-129.	1.9	19
36	Expert opinions of strategies for milk fever control. Preventive Veterinary Medicine, 2002, 55, 69-78.	1.9	19

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37	Changes in milk yield, lactate dehydrogenase, milking frequency, and interquarter yield ratio persist for up to 8 weeks after antibiotic treatment of mastitis. Journal of Dairy Science, 2015, 98, 7686-7698.	3.4	19
38	Strategies for time of culling in control of paratuberculosis in dairy herds. Journal of Dairy Science, 2011, 94, 3824-3834.	3.4	17
39	Age-structured dynamic, stochastic and mechanistic simulation model of Salmonella Dublin infection within dairy herds. Preventive Veterinary Medicine, 2012, 105, 59-74.	1.9	17
40	An object-oriented Bayesian network modeling the causes of leg disorders in finisher herds. Preventive Veterinary Medicine, 2009, 89, 237-248.	1.9	15
41	Invited review: Carryover effects of early lactation feeding on total lactation performance in dairy cows. Journal of Dairy Science, 2016, 99, 3241-3249.	3.4	15
42	Evaluation of milk yield losses associated with Salmonella antibodies in bulk tank milk in bovine dairy herds. Journal of Dairy Science, 2012, 95, 4873-4885.	3.4	14
43	Short Communication: Associations Between Blood Calcium Status at Calving and Milk Yield in Dairy Cows. Journal of Dairy Science, 2000, 83, 2438-2440.	3.4	12
44	Estimation of genetic parameters for predicted nitrogen use efficiency and losses in early lactation of Holstein cows. Journal of Dairy Science, 2021, 104, 4413-4423.	3.4	12
45	Genetic consequences of terminal crossbreeding, genomic test, sexed semen, and beef semen in dairy herds. Journal of Dairy Science, 2021, 104, 8062-8075.	3.4	11
46	Use of inline measures of l-lactate dehydrogenase for classification of posttreatment mammary Staphylococcus aureus infection status in dairy cows. Journal of Dairy Science, 2016, 99, 8375-8383.	3.4	10
47	The association between disease and profitability in individual finishing boars at a test station. Livestock Science, 2008, 117, 101-108.	1.6	9
48	Estimation of probability for the presence of claw and digital skin diseases by combining cow- and herd-level information using a Bayesian network. Preventive Veterinary Medicine, 2009, 92, 89-98.	1.9	9
49	Separate housing for one month after calving improves production and health in primiparous cows but not in multiparous cows. Journal of Dairy Science, 2010, 93, 3533-3541.	3.4	9
50	A meta-analysis of milk production responses to increased net energy intake in Scandinavian dairy cows. Livestock Science, 2015, 175, 59-69.	1.6	9
51	Avoiding double counting when deriving economic values through stochastic dairy herd simulation. Livestock Science, 2016, 187, 114-124.	1.6	9
52	Responses in live weight change to net energy intake in dairy cows. Livestock Science, 2015, 181, 163-170.	1.6	8
53	Multivariate dynamic linear models for estimating the effect of experimental interventions in an evolutionary operations setup in dairy herds. Journal of Dairy Science, 2017, 100, 5758-5773.	3.4	8
54	Feasibility of EVolutionary OPeration (EVOP) as a concept for herd-specific management in commercial dairy herds. Livestock Science, 2020, 235, 104004.	1.6	8

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55	A Genome-Wide Association Study for Calving Interval in Holstein Dairy Cows Using Weighted Single-Step Genomic BLUP Approach. Animals, 2020, 10, 500.	2.3	8
56	Short communication: Economics of sex-biased milk production. Journal of Dairy Science, 2015, 98, 1078-1081.	3.4	7
57	Economic figures in herd health programmes as motivation factors for farmers. Preventive Veterinary Medicine, 2016, 134, 170-178.	1.9	7
58	Effect of automatic cluster flushing on the concentration of Staphylococcus aureus in teat cup liners. Journal of Dairy Science, 2020, 103, 5431-5439.	3.4	7
59	Technical and economic effects of feeding one vs. multiple total mixed rations estimated by stochastic simulation under different dairy herd and management characteristics. Livestock Science, 1996, 45, 23-33.	1.2	6
60	Only few benefits from propylene glycol drench in early lactation for cows identified as physiologically imbalanced based on milk spectra analyses. Journal of Dairy Science, 2020, 103, 1831-1842.	3.4	6
61	Short communication: Identifying key parameters for modelling the impacts of livestock health conditions on greenhouse gas emissions. Animal, 2021, 15, 100023.	3.3	6
62	Effect of enhanced hygiene on transmission of Staphylococcus aureus, Streptococcus agalactiae, and Streptococcus dysgalactiae in dairy herds with automatic milking systems. Journal of Dairy Science, 2021, 104, 7195-7209.	3.4	6
63	Expert-based development of a generic HACCP-based risk management system to prevent critical negative energy balance in dairy herds. Preventive Veterinary Medicine, 2020, 175, 104849.	1.9	5
64	A stochastic model for the derivation of economic values and their standard deviations for production and functional traits in dairy cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2006, 56, 16-32.	0.2	4
65	Combining extended lactation with sexed semen in a dairy cattle herd: Effect on genetic and total economic return. Livestock Science, 2019, 223, 176-183.	1.6	4
66	Dynamic monitoring of reproduction records for dairy cattle. Computers and Electronics in Agriculture, 2014, 109, 191-194.	7.7	3
67	Conservation of a native dairy cattle breed through terminal crossbreeding with commercial dairy breeds. Acta Agriculturae Scandinavica - Section A: Animal Science, 2021, 70, 1-12.	0.2	3
68	Retrospective cohort study of management procedures associated with dairy herd-level eradication of Streptococcus agalactiae in the Danish surveillance program. Journal of Dairy Science, 2021, 104, 5988-5997.	3.4	3
69	Economic value of information from an alert system on physiological imbalance in fresh cows. Preventive Veterinary Medicine, 2020, 181, 105039.	1.9	2
70	Control strategies against milk fever in dairy herds evaluated by stochastic simulation. Livestock Science, 2004, 86, 209-223.	1.2	1
71	Evaluation of systematic California Mastitis Tests and vaginal examinations as measures of antimicrobial use in dairy herds. Veterinary Journal, 2018, 240, 37-39.	1.7	1
72	Random within-herd variation in financial performance and time to financial steady-state following management changes in dairy herd. Acta Agriculturae Scandinavica - Section A: Animal Science, 2008, 58, 104-108.	0.2	0