Erling Strandberg

List of Publications by Year in descending order

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138 papers

3,667 citations

94269 37 h-index 53 g-index

141 all docs

141 docs citations

times ranked

141

2527 citing authors

#	Article	IF	CITATIONS
1	Mating allocations in Nordic Red Dairy Cattle using genomic information. Journal of Dairy Science, 2022, 105, 1281-1297.	1.4	5
2	Across-countries genomic prediction using national breeding values or multitrait across-countries evaluation breeding values. Journal of Dairy Science, 2022, , .	1.4	0
3	The effect of high temperature and humidity on milk yield in Ankole and crossbred cows. Tropical Animal Health and Production, 2022, 54, 85.	0.5	3
4	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
5	Genetic parameters for reproductive losses estimated from in-line milk progesterone profiles in Swedish dairy cattle. Journal of Dairy Science, 2021, 104, 3231-3239.	1.4	6
6	Genetic parameters of forage dry matter intake and milk produced from forage in Swedish Red and Holstein dairy cows. Journal of Dairy Science, 2021, 104, 4424-4440.	1.4	6
7	Genetic consequences of terminal crossbreeding, genomic test, sexed semen, and beef semen in dairy herds. Journal of Dairy Science, 2021, 104, 8062-8075.	1.4	11
8	Genome-wide association studies for canine hip dysplasia in single and multiple populations – implications and potential novel risk loci. BMC Genomics, 2021, 22, 636.	1.2	4
9	Single-step genome-wide association study uncovers known and novel candidate genomic regions for endocrine and classical fertility traits in Swedish Red and Holstein dairy cows. Livestock Science, 2021, 253, 104731.	0.6	1
10	Dairy cattle farmers' preferences for different breeding tools. Animal, 2021, 15, 100409.	1.3	4
11	Economic consequences of dairy crossbreeding in conventional and organic herds in Sweden. Journal of Dairy Science, 2020, 103, 514-528.	1.4	25
12	Unravelling selection signatures in a single dog breed suggests recent selection for morphological and behavioral traits. Genetics & Genomics Next, 2020, 1, e10024.	0.8	10
13	Methods to Improve Joint Genetic Evaluation of Canine Hip Dysplasia Across BVA/KC and FCI Screening Schemes. Frontiers in Veterinary Science, 2020, 7, 386.	0.9	3
14	Milk production and lactation length in Ankole cattle and Ankole crossbreds in Rwanda. Tropical Animal Health and Production, 2020, 52, 2937-2943.	0.5	6
15	Association of genomically enhanced and parent average breeding values with cow performance in Nordic dairy cattle. Journal of Dairy Science, 2020, 103, 6383-6391.	1.4	12
16	Genetic differentiation between subpopulations of Swedish mountain (FjÃ#and FjÃ#nÃ#a) cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2020, 69, 39-46.	0.2	0
17	Corrigendum to "Genetic parameters of endocrine fertility traits based on in-line milk progesterone profiles in Swedish Red and Holstein dairy cows―(J. Dairy Sci. 102:11207–11216). Journal of Dairy Science, 2020, 103, 2941.	1.4	0
18	PSX-34 Late-Breaking Abstract: Effect of Genotype and Temperature-Humidity Index (THI) on milk yield of Ankole and its crossbreeds in Rwanda. Journal of Animal Science, 2020, 98, 352-352.	0.2	0

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19	Genetic dissection of complex behaviour traits in German Shepherd dogs. Heredity, 2019, 123, 746-758.	1.2	19
20	Genomic relatedness and diversity of Swedish native cattle breeds. Genetics Selection Evolution, 2019, 51, 56.	1.2	31
21	Genome-wide diversity and demographic dynamics of Cameroon goats and their divergence from east African, north African, and Asian conspecifics. PLoS ONE, 2019, 14, e0214843.	1.1	6
22	Genetic improvement of canine hip dysplasia through sire selection across countries. Veterinary Journal, 2019, 248, 18-24.	0.6	7
23	Genetic parameters of endocrine fertility traits based on in-line milk progesterone profiles in Swedish Red and Holstein dairy cows. Journal of Dairy Science, 2019, 102, 11207-11216.	1.4	8
24	Reproductive performance of Ankole cattle and its crossbreds in Rwanda. Tropical Animal Health and Production, 2019, 51, 49-54.	0.5	3
25	The interaction between behavioural traits and demographic and management factors in German Shepherd dogs. Applied Animal Behaviour Science, 2019, 211, 67-76.	0.8	4
26	Breeding policies and management of pedigree dogs in 15 national kennel clubs. Veterinary Journal, 2018, 234, 130-135.	0.6	5
27	Growth traits of crossbreds of Ankole with Brown Swiss, Holstein Friesian, Jersey, and Sahiwal cattle in Rwanda. Tropical Animal Health and Production, 2018, 50, 825-830.	0.5	8
28	Purebreeding of Red Maasai and crossbreeding with Dorper sheep in different environments in Kenya. Journal of Animal Breeding and Genetics, 2017, 134, 531-544.	0.8	9
29	Genetic correlations of hip dysplasia scores for Golden retrievers and Labrador retrievers in France, Sweden and the UK. Veterinary Journal, 2017, 226, 51-56.	0.6	7
30	Merging pedigree databases to describe and compare mating practices and gene flow between pedigree dogs in France, Sweden and the <scp>UK</scp> . Journal of Animal Breeding and Genetics, 2017, 134, 152-161.	0.8	11
31	Live weight, conformation, carcass traits and economic values of ram lambs of Red Maasai and Dorper sheep and their crosses. Tropical Animal Health and Production, 2017, 49, 121-129.	0.5	13
32	Genetic associations of in-line recorded milkability traits and udder conformation with udder health. Acta Agriculturae Scandinavica - Section A: Animal Science, 2016, 66, 84-91.	0.2	6
33	Genetic associations of teat cup attachment failures, incomplete milkings, and handling time in automatic milking systems with milkability, temperament, and udder conformation. Acta Agriculturae Scandinavica - Section A: Animal Science, 2016, 66, 75-83.	0.2	5
34	Genotype by environment interaction for the interval from calving to first insemination with regard to calving month and geographic location in Holstein cows in Denmark and Sweden. Journal of Dairy Science, 2016, 99, 5498-5507.	1.4	17
35	Genome-wide association study for endocrine fertility traits using single nucleotide polymorphism arrays and sequence variants in dairy cattle. Journal of Dairy Science, 2016, 99, 5470-5485.	1.4	39
36	Herd-level factors associated with longevity in Swedish dairy cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2016, 66, 92-98.	0.2	4

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37	Genotype by environment interaction for activity-based estrus traits in relation to production level for Danish Holstein. Journal of Dairy Science, 2016, 99, 9834-9844.	1.4	12
38	Preferences for pig breeding goals among organic and conventional farmers in Sweden. Organic Agriculture, 2016, 6, 171-182.	1.2	10
39	Seasonality of fertility measured by physical activity traits in Holstein cows. Journal of Dairy Science, 2016, 99, 2837-2848.	1.4	5
40	Participatory definition of breeding objectives for sheep breeds under pastoral systemsâ€"the case of Red Maasai and Dorper sheep in Kenya. Tropical Animal Health and Production, 2016, 48, 9-20.	0.5	30
41	Estimating genetic parameters for fertility in dairy cows from in-line milk progesterone profiles. Journal of Dairy Science, 2015, 98, 5763-5773.	1.4	26
42	Breed differences in everyday behaviour of dogs. Applied Animal Behaviour Science, 2015, 169, 69-77.	0.8	58
43	Utilization of farm animal genetic resources in a changing agro-ecological environment in the Nordic countries. Frontiers in Genetics, 2015, 6, 52.	1.1	49
44	Estrus traits derived from activity measurements are heritable and closely related to the time from calving to first insemination. Journal of Dairy Science, 2015, 98, 3470-3477.	1.4	23
45	Genetic evaluation of in-line recorded milkability from milking parlors and automatic milking systems. Journal of Dairy Science, 2014, 97, 497-506.	1.4	15
46	Differences in preferences for breeding traits between organic and conventional dairy producers in Sweden. Livestock Science, 2014, 162, 5-14.	0.6	29
47	Genetic analysis of a temperament test as a tool to select against everyday life fearfulness in Rough Collie1. Journal of Animal Science, 2014, 92, 4843-4855.	0.2	32
48	The Swedish Armed Forces temperament test gives information on genetic differences among dogs. Journal of Veterinary Behavior: Clinical Applications and Research, 2014, 9, 281-289.	0.5	18
49	Efficient selection against categorically scored hip dysplasia in dogs is possible using best linear unbiased prediction and optimum contribution selection: a simulation study. Journal of Animal Breeding and Genetics, 2013, 130, 154-164.	0.8	11
50	Variance component and breeding value estimation for genetic heterogeneity of residual variance in Swedish Holstein dairy cattle. Journal of Dairy Science, 2013, 96, 2627-2636.	1.4	61
51	Estimation of genetic variance for macro- and micro-environmental sensitivity using double hierarchical generalized linear models. Genetics Selection Evolution, 2013, 45, 23.	1.2	51
52	Integration of epidemiology into the genetic analysis of mastitis in Swedish Holstein. Journal of Dairy Science, 2013, 96, 2617-2626.	1.4	20
53	Feasibility of using automatic milking system data from commercial herds for genetic analysis of milkability. Journal of Dairy Science, 2013, 96, 5324-5332.	1.4	35
54	Measuring herding behavior in Border collieâ€"effect of protocol structure on usefulness for selection. Journal of Veterinary Behavior: Clinical Applications and Research, 2013, 8, 9-18.	0.5	18

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55	Statistical tools to select for robustness and milk quality. Advances in Animal Biosciences, 2013, 4, 606-611.	1.0	2
56	Animal Genetic in Environment Interaction. , 2013, , 117-126.		0
57	Genome-wide associations for feed utilisation complex in primiparous Holstein–Friesian dairy cows from experimental research herds in four European countries. Animal, 2012, 6, 1738-1749.	1.3	40
58	Genomic associations with somatic cell score in first-lactation Holstein cows. Journal of Dairy Science, 2012, 95, 899-908.	1.4	47
59	Genetic relationships among mastitis and alternative somatic cell count traits in the first 3 lactations of Swedish Holsteins. Journal of Dairy Science, 2012, 95, 3428-3434.	1.4	36
60	Genetic evaluation of mastitis liability and recovery through longitudinal analysis of transition probabilities. Genetics Selection Evolution, 2012, 44, 10.	1.2	12
61	Heritability and Genetic Correlations of Fear-Related Behaviour in Red Junglefowl–Possible Implications for Early Domestication. PLoS ONE, 2012, 7, e35162.	1.1	74
62	Influence of model specifications on the reliabilities of genomic prediction in a Swedish–Finnish red breed cattle population. Journal of Animal Breeding and Genetics, 2012, 129, 369-379.	0.8	6
63	Animal Genetic in Environment Interaction. , 2012, , 463-472.		0
64	Culling reasons in organic and conventional dairy herds and genotype by environment interaction for longevity. Journal of Dairy Science, 2011, 94, 1568-1575.	1.4	113
65	Genetic analysis of milk urea nitrogen and relationships with yield and fertility across lactation. Journal of Dairy Science, 2011, 94, 5665-5672.	1.4	26
66	Genetic trends for performance of Swedish Warmblood horses. Livestock Science, 2011, 141, 113-122.	0.6	29
67	Economic consequences of mastitis and withdrawal of milk with high somatic cell count in Swedish dairy herds. Animal, 2010, 4, 1758-1770.	1.3	31
68	Effects of long-time series of data on genetic evaluations for performance of Swedish Warmblood riding horses. Animal, 2010, 4, 1823-1831.	1.3	14
69	Genetic variation in competition traits at different ages and time periods and correlations with traits at field tests of 4-year-old Swedish Warmblood horses. Animal, 2010, 4, 682-691.	1.3	50
70	Association between radiographic assessment of hip status and subsequent incidence of veterinary care and mortality related to hip dysplasia in insured Swedish dogs. Preventive Veterinary Medicine, 2010, 93, 222-232.	0.7	26
71	Genetic heterogeneity of residual variance - estimation of variance components using double hierarchical generalized linear models. Genetics Selection Evolution, 2010, 42, 8.	1.2	85
72	Increased genetic risk or protection for canine autoimmune lymphocytic thyroiditis in Giant Schnauzers depends on DLA class II genotype. Tissue Antigens, 2010, 75, 712-719.	1.0	26

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73	Phenotypic and genetic characterization of novel somatic cell count traits from weekly or monthly observations. Journal of Dairy Science, 2010, 93, 5930-5941.	1.4	23
74	Genotype by environment interaction of Swedish dairy cows in organic and conventional production systems. Acta Agriculturae Scandinavica - Section A: Animal Science, 2010, 60, 65-73.	0.2	9
75	MHC class II polymorphism is associated with a canine SLE-related disease complex. Immunogenetics, 2009, 61, 557-564.	1.2	48
76	Influence of foreign stallions on the Swedish Warmblood breed and its genetic evaluation. Livestock Science, 2009, 121, 207-214.	0.6	15
77	Fertility, somatic cell count and milk production in Swedish organic and conventional dairy herds. Livestock Science, 2009, 126, 176-182.	0.6	32
78	Relationship between somatic cell count and milk yield in different stages of lactation. Journal of Dairy Science, 2009, 92, 3124-3133.	1.4	123
79	Genotype by environment interaction for first-lactation female fertility traits in UK dairy cattle. Journal of Dairy Science, 2009, 92, 3437-3446.	1.4	54
80	Random regression models for genetic evaluation of clinical mastitis in dairy cattle. Animal, 2009, 3, 1100-1108.	1.3	18
81	Genetic variation and genetic trends in hip and elbow dysplasia in Swedish Rottweiler and Bernese Mountain Dog. Journal of Animal Breeding and Genetics, 2008, 125, 403-412.	0.8	54
82	Detection of delayed cyclicity in dairy cows based on progesterone content in monthly milk samples. Preventive Veterinary Medicine, 2008, 86, 153-163.	0.7	9
83	Genetic correlations between competition traits and traits scored at breeding field-tests in Icelandic horses. Livestock Science, 2008, 114, 181-187.	0.6	20
84	Use of field records and competition results in genetic evaluation of station performance tested Swedish Warmblood stallions. Livestock Science, 2008, 117, 287-297.	0.6	17
85	Genetic parameters for traits evaluated at field tests of 3- and 4-year-old Swedish Warmblood horses. Animal, 2008, 2, 1832-1841.	1.3	45
86	Factors affecting length of productive life in Swedish commercial sows1. Journal of Animal Science, 2008, 86, 432-441.	0.2	72
87	Genetic analysis of results of a Swedish behavior test on German Shepherd Dogs and Labrador Retrievers1. Journal of Animal Science, 2008, 86, 2853-2861.	0.2	64
88	Genetic analysis of competition data on Icelandic horses. Livestock Science, 2007, 110, 242-250.	0.6	22
89	Genetic Analysis of Postpartum Measures of Luteal Activity in Dairy Cows. Journal of Dairy Science, 2007, 90, 427-434.	1.4	52
90	Impact of sedation method on the diagnosis of hip and elbow dysplasia in Swedish dogs. Preventive Veterinary Medicine, 2007, 78, 196-209.	0.7	25

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91	The effect of veterinary-treated clinical mastitis and pregnancy status on culling in Swedish dairy cows. Preventive Veterinary Medicine, 2007, 80, 179-192.	0.7	29
92	Atypical Progesterone Profiles and Fertility in Swedish Dairy Cows. Journal of Dairy Science, 2006, 89, 2529-2538.	1.4	51
93	Genetic Evaluation of Mastitis in Dairy Cattle Using Linear Models, Threshold Models, and Survival Analysis: A Simulation Study. Journal of Dairy Science, 2006, 89, 4049-4057.	1.4	38
94	Short Communication: Genetic Evaluation of the Interval from First to Last Insemination with Survival Analysis and Linear Models. Journal of Dairy Science, 2006, 89, 4903-4906.	1.4	5
95	Environmental effects on progesterone profile measures of dairy cow fertility. Animal Reproduction Science, 2006, 91, 201-214.	0.5	51
96	The genetic contribution to canine personality. Genes, Brain and Behavior, 2006, 5, 240-248.	1.1	109
97	Direct genetic, maternal and litter effects on behaviour in German shepherd dogs in Sweden. Livestock Science, 2005, 93, 33-42.	1.2	61
98	Genetic analysis of body condition in the sow during lactation, and its relation to piglet survival and growth. Animal Science, 2005, 80, 33-40.	1.3	45
99	Genotype by environment interaction for length of productive life in Swedish Red and White dairy cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2005, 55, 9-15.	0.2	2
100	Comparison Between Linear Models and Survival Analysis for Genetic Evaluation of Clinical Mastitis in Dairy Cattle. Journal of Dairy Science, 2005, 88, 797-803.	1.4	39
101	Survival Analysis Applied to Genetic Evaluation for Female Fertility in Dairy Cattle. Journal of Dairy Science, 2005, 88, 2253-2259.	1.4	41
102	Economic values for production and non-production traits in nordic dairy cattle populations calculated by stochastic simulation. Acta Agriculturae Scandinavica - Section A: Animal Science, 2004, 54, 127-138.	0.2	5
103	Genetic analysis of hunting behaviour in Swedish Flatcoated Retrievers. Applied Animal Behaviour Science, 2004, 88, 289-298.	0.8	30
104	Reaction norms for protein yield and days open in Swedish red and white dairy cattle in relation to various environmental variables. Acta Agriculturae Scandinavica - Section A: Animal Science, 2004, 54, 139-151.	0.2	10
105	Genetic Parameters for Clinical Mastitis, Somatic Cell Score, and Production in the First Three Lactations of Swedish Holstein Cows. Journal of Dairy Science, 2004, 87, 3062-3070.	1.4	217
106	Genetic correlations between field test results of Swedish Warmblood Riding Horses as 4-year-olds and lifetime performance results in dressage and show jumping. Livestock Science, 2003, 82, 61-71.	1.2	50
107	Genetic analysis of on-farm tests of maternal behaviour in sows. Livestock Science, 2003, 83, 141-151.	1.2	72
108	Survival analysis of longevity in dairy cattle on a lactation basis. Genetics Selection Evolution, 2003, 35, 305-18.	1.2	44

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109	Genetic relations of yolk proportion and chick weight with production traits in a White Leghorn line. British Poultry Science, 2003, 44, 186-191.	0.8	13
110	Genetic correlations between the maternal genetic effect on chick weight and the direct genetic effects on egg composition traits in a White Leghorn line. Poultry Science, 2003, 82, 1-8.	1.5	40
111	Selection in the presence of a genotype by environment interaction: response in environmental sensitivity. Animal Science, 2003, 76, 375-385.	1.3	54
112	Genetic Relations between Reproduction, Chick Weight and Maternal Egg Composition in a White Leghorn Line. Acta Agriculturae Scandinavica - Section A: Animal Science, 2002, 52, 91-101.	0.2	5
113	Genotype by Environment Interaction in Nordic Dairy Cattle Studied Using Reaction Norms. Acta Agriculturae Scandinavica - Section A: Animal Science, 2002, 52, 11-24.	0.2	86
114	Genetic Parameters for the Piglet Mortality Traits Crushing, Stillbirth and Total Mortality, and their Relation to Birth Weight. Acta Agriculturae Scandinavica - Section A: Animal Science, 2002, 52, 167-173.	0.2	29
115	Genetic analysis of functional, fertility-, mastitis-, and production-determined length of productive life in Swedish dairy cattle. Livestock Science, 2002, 74, 125-135.	1.2	55
116	Genetic Relations between Reproduction, Chick Weight and Maternal Egg Composition in a White Leghorn Line. Acta Agriculturae Scandinavica - Section A: Animal Science, 2002, 52, 91-101.	0.2	0
117	Genetic and Environmental Correlations Among Female Fertility Traits, and Between the Ability to Show Oestrus and Milk Production in Dairy Cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2001, 51, 192-199.	0.2	11
118	Genetic and Environmental Correlations Among Female Fertility Traits and Milk Production in Different Parities of Swedish Red and White Dairy Cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2001, 51, 7-14.	0.2	36
119	Phenotypic relationship between test results of Swedish Warmblood horses as 4-year-olds and longevity. Livestock Science, 2001, 68, 97-105.	1.2	38
120	Genetic parameters of functional and fertility determined length of productive life in Swedish dairy cattle. Animal Science, 2000, 70, 383-389.	1.3	13
121	Estimates of longevity and causes of culling and death in Swedish warmblood and coldblood horses. Livestock Science, 2000, 63, 275-289.	1.2	79
122	One-generation divergent selection on large and small yolk proportions in a White Leghorn line. British Poultry Science, 2000, 41, 280-286.	0.8	38
123	Culling before testing in swine: identification of culling strategy and estimation of culling precision Journal of Animal Science, 1999, 77, 1666.	0.2	1
124	Genetic correlations among female fertility traits and milk production in different parities in Swedish dairy cattle. BSAP Occasional Publication, 1999, 24, 177-181.	0.0	1
125	Adjusting for missing data due to culling before testing in genetic evaluations of swine Journal of Animal Science, 1998, 76, 1794.	0.2	9
126	Genetic studies of assortative mating—a simulation study. I. Characteristics of the Control Populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 65-73.	0.2	2

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127	Genetic studies of assortative mating—a simulation study. III. Assortative mating in selected populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 129-137.	0.2	4
128	Genetic studies of assortative mating—a simulation study. II. Assortative mating in unselected populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 74-81.	0.2	2
129	Effects of culling for male fertility in a dairy cattle population. Livestock Science, 1997, 47, 211-219.	1.2	0
130	Missing Data Due to Culling of Pigs Before Testing and the Effects on the Estimation of (Co)Variance Components. Acta Agriculturae Scandinavica - Section A: Animal Science, 1996, 46, 201-209.	0.2	4
131	Missing Data Due to Culling of Pigs before Testing and the Effects on the Genetic Evaluation. Acta Agriculturae Scandinavica - Section A: Animal Science, 1995, 45, 218-227.	0.2	4
132	Lifetime Performance in Dairy Cattle: Definition of Traits and Influence of Systematic Environmental Factors. Acta Agriculturae Scandinavica - Section A: Animal Science, 1992, 42, 71-81.	0.2	5
133	Lifetime Performance in Dairy Cattle. Genetic Parameters and Expected Improvement from Selection. Acta Agriculturae Scandinavica - Section A: Animal Science, 1992, 42, 127-137.	0.2	2
134	A note on the estimation of environmental effects on lactation curves. Animal Science, 1991, 53, 399-402.	1.3	9
135	Genetic and Economic Responses to Breeding Programs That Consider Mastitis. Journal of Dairy Science, 1989, 72, 2136-2142.	1.4	47
136	Genetic and Phenotypic Parameters for Production and Days Open in the First Three Lactations of Swedish Dairy Cattle. Acta Agriculturae Scandinavica, 1989, 39, 203-215.	0.3	10
137	Economic Consequences of Different Calving Intervals. Acta Agriculturae Scandinavica, 1989, 39, 407-420.	0.3	41
138	Genetic Trends in Milk Production and Days Open in the First Three Lactations of Swedish Dairy Cattle. Acta Agriculturae Scandinavica, 1988, 38, 89-100.	0.3	1