Erling Strandberg

List of Publications by Year
in descending order

138 papers	3,667 citations	94269 37 h-index	168136 53 g-index
141 all docs	141 docs citations	141 times ranked	2527 citing authors

#	Article	IF	Citations
1	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
2	Relationship between somatic cell count and milk yield in different stages of lactation. Journal of Dairy Science, 2009, 92, 3124-3133.	1.4	123
3	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
4	The genetic contribution to canine personality. Genes, Brain and Behavior, 2006, 5, 240-248.	1.1	109
5	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
6	Genetic heterogeneity of residual variance - estimation of variance components using double hierarchical generalized linear models. Genetics Selection Evolution, 2010, 42, 8.	1.2	85
7	Estimates of longevity and causes of culling and death in Swedish warmblood and coldblood horses. Livestock Science, 2000, 63, 275-289.	1.2	79
8	Heritability and Genetic Correlations of Fear-Related Behaviour in Red Junglefowlâ€“Possible Implications for Early Domestication. PLoS ONE, 2012, 7, e35162.	1.1	74
9	Genetic analysis of on-farm tests of maternal behaviour in sows. Livestock Science, 2003, 83, 141-151.	1.2	72
10	Factors affecting length of productive life in Swedish commercial sows1. Journal of Animal Science, 2008, 86, 432-441.	0.2	72
11	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
12	Direct genetic, maternal and litter effects on behaviour in German shepherd dogs in Sweden. Livestock Science, 2005, 93, 33-42.	1.2	61
13	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
14	Breed differences in everyday behaviour of dogs. Applied Animal Behaviour Science, 2015, 169, 69-77.	0.8	58
15	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
16	Selection in the presence of a genotype by environment interaction: response in environmental sensitivity. Animal Science, 2003, 76, 375-385.	1.3	54
17	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
18	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

#	Article	IF	Citations
19	Genetic Analysis of Postpartum Measures of Luteal Activity in Dairy Cows. Journal of Dairy Science, 2007, 90, 427-434.	1.4	52
20	Atypical Progesterone Profiles and Fertility in Swedish Dairy Cows. Journal of Dairy Science, 2006, 89, 2529-2538.	1.4	51
21	Environmental effects on progesterone profile measures of dairy cow fertility. Animal Reproduction Science, 2006, 91, 201-214.	0.5	51
22	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
23	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
24	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
25	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
26	MHC class II polymorphism is associated with a canine SLE-related disease complex. Immunogenetics, 2009, 61, 557-564.	1.2	48
27	Genetic and Economic Responses to Breeding Programs That Consider Mastitis. Journal of Dairy Science, 1989, 72, 2136-2142.	1.4	47
28	Genomic associations with somatic cell score in first-lactation Holstein cows. Journal of Dairy Science, 2012, 95, 899-908.	1.4	47
29	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
30	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
31	Survival analysis of longevity in dairy cattle on a lactation basis. Genetics Selection Evolution, 2003, 35, 305-18.	1.2	44
32	Economic Consequences of Different Calving Intervals. Acta Agriculturae Scandinavica, 1989, 39, 407-420.	0.3	41
33	Survival Analysis Applied to Genetic Evaluation for Female Fertility in Dairy Cattle. Journal of Dairy Science, 2005, 88, 2253-2259.	1.4	41
34	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
35	Genome-wide associations for feed utilisation complex in primiparous Holsteinâ€“Friesian dairy cows from experimental research herds in four European countries. Animal, 2012, 6, 1738-1749.	1.3	40
36	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

#	Article	IF	Citations
37	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
38	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
39	Phenotypic relationship between test results of Swedish Warmblood horses as 4-year-olds and longevity. Livestock Science, 2001, 68, 97-105.	1.2	38
40	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
41	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
42	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
43	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
44	Fertility, somatic cell count and milk production in Swedish organic and conventional dairy herds. Livestock Science, 2009, 126, 176-182.	0.6	32
45	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
46	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
47	Genomic relatedness and diversity of Swedish native cattle breeds. Genetics Selection Evolution, 2019, 51, 56.	1.2	31
48	Genetic analysis of hunting behaviour in Swedish Flatcoated Retrievers. Applied Animal Behaviour Science, 2004, 88, 289-298.	0.8	30
49	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
50	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
51	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
52	Genetic trends for performance of Swedish Warmblood horses. Livestock Science, 2011, 141, 113-122.	0.6	29
53	Differences in preferences for breeding traits between organic and conventional dairy producers in Sweden. Livestock Science, 2014, 162, 5-14.	0.6	29
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	Economic consequences of dairy crossbreeding in conventional and organic herds in Sweden. Journal of Dairy Science, 2020, 103, 514-528.	1.4	25
60	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
61	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
62	Genetic analysis of competition data on Icelandic horses. Livestock Science, 2007, 110, 242-250.	0.6	22
63	Genetic correlations between competition traits and traits scored at breeding field-tests in Icelandic horses. Livestock Science, 2008, 114, 181-187.	0.6	20
64	Integration of epidemiology into the genetic analysis of mastitis in Swedish Holstein. Journal of Dairy Science, 2013, 96, 2617-2626.	1.4	20
65	Genetic dissection of complex behaviour traits in German Shepherd dogs. Heredity, 2019, 123, 746-758.	1.2	19
66	Random regression models for genetic evaluation of clinical mastitis in dairy cattle. Animal, 2009, 3, 1100-1108.	1.3	18
67	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
68	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
69	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
70	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
71	Influence of foreign stallions on the Swedish Warmblood breed and its genetic evaluation. Livestock Science, 2009, 121, 207-214.	0.6	15
72	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

#	Article	IF	Citations
73	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
74	Genetic parameters of functional and fertility determined length of productive life in Swedish dairy cattle. Animal Science, 2000, 70, 383-389.	1.3	13
75	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
76	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
77	Genetic evaluation of mastitis liability and recovery through longitudinal analysis of transition probabilities. Genetics Selection Evolution, 2012, 44, 10.	1.2	12
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Preferences for pig breeding goals among organic and conventional farmers in Sweden. Organic Agriculture, 2016, 6, 171-182.	1.2	10
87	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
88	A note on the estimation of environmental effects on lactation curves. Animal Science, 1991, 53, 399-402.	1.3	9
89	Adjusting for missing data due to culling before testing in genetic evaluations of swine.. Journal of Animal Science, 1998, 76, 1794.	0.2	9
90	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

#	Article	IF	Citations
91	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
92	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
93	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
94	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
95	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
96	Genetic improvement of canine hip dysplasia through sire selection across countries. Veterinary Journal, 2019, 248, 18-24.	0.6	7
97	Influence of model specifications on the reliabilities of genomic prediction in a Swedishâ€“Finnish red breed cattle population. Journal of Animal Breeding and Genetics, 2012, 129, 369-379.	0.8	6
98	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
99	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
100	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
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	Seasonality of fertility measured by physical activity traits in Holstein cows. Journal of Dairy Science, 2016, 99, 2837-2848.	1.4	5

#	Article	IF	Citations
109	Breeding policies and management of pedigree dogs in 15 national kennel clubs. Veterinary Journal, 2018, 234, 130-135.	0.6	5
110	Mating allocations in Nordic Red Dairy Cattle using genomic information. Journal of Dairy Science, 2022, 105, 1281-1297.	1.4	5
111	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
112	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
113	Genetic studies of assortative matingâ€"a simulation study. III. Assortative mating in selected populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 129-137.	0.2	4
114	Herd-level factors associated with longevity in Swedish dairy cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2016, 66, 92-98.	0.2	4
115	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
116	Genome-wide association studies for canine hip dysplasia in single and multiple populations â€“ implications and potential novel risk loci. BMC Genomics, 2021, 22, 636.	1.2	4
117	Dairy cattle farmers' preferences for different breeding tools. Animal, 2021, 15, 100409.	1.3	4
118	Reproductive performance of Ankole cattle and its crossbreds in Rwanda. Tropical Animal Health and Production, 2019, 51, 49-54.	0.5	3
119	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
120	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
121	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
122	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
123	Genetic studies of assortative matingâ€"a simulation study. I. Characteristics of the Control Populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 65-73.	0.2	2
124	Genetic studies of assortative matingâ€"a simulation study. II. Assortative mating in unselected populations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1997, 47, 74-81.	0.2	2
125	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
126	Statistical tools to select for robustness and milk quality. Advances in Animal Biosciences, 2013, 4, 606-611.	1.0	2

#	Article	IF	Citations
127	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
128	Culling before testing in swine: identification of culling strategy and estimation of culling precision.. Journal of Animal Science, 1999, 77, 1666.	0.2	1
129	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
130	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
131	Effects of culling for male fertility in a dairy cattle population. Livestock Science, 1997, 47, 211-219.	1.2	0
132	Genetic differentiation between subpopulations of Swedish mountain (FjÃll and FjÃllnÃra) cattle. Acta Agriculturae Scandinavica - Section A: Animal Science, 2020, 69, 39-46.	0.2	0
133	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
134	Animal Genetic in Environment Interaction. , 2012, , 463-472.		0
135	Animal Genetic in Environment Interaction. , 2013, , 117-126.		0
136	Corrigendum to â€œGenetic parameters of endocrine fertility traits based on in-line milk progesterone profiles in Swedish Red and Holstein dairy cowsâ€•(J. Dairy Sci. 102:11207â€“11216). Journal of Dairy Science, 2020, 103, 2941.	1.4	0
137	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
138	Across-countries genomic prediction using national breeding values or multitrait across-countries evaluation breeding values. Journal of Dairy Science, 2022, , .	1.4	0