Johan van Arendonk

List of Publications by Year
in descending order

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255 papers	11,928 citations	17440 63 h-index	40979 93 g-index
257 all docs	257 docs citations	257 times ranked	7019 citing authors

#	Article	IF	Citations
1	Multilevel Selection 1: Quantitative Genetics of Inheritance and Response to Selection. Genetics, 2007, 175, 277-288.	2.9	279
2	Detection of Quantitative Trait Loci for Backfat Thickness and Intramuscular Fat Content in Pigs (Sus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.9	276
3	The role of genetic factors in age at natural menopause. Human Reproduction, 2001, 16, 2014-2018.	0.9	269
4	Genome-wide scan for body composition in pigs reveals important role of imprinting. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7947-7950.	7.1	264
5	The Host Defense Proteome of Human and Bovine Milk. PLoS ONE, 2011, 6, e19433.	2.5	210
6	Quantitative Trait Loci Analysis for Five Milk Production Traits on Chromosome Six in the Dutch Holstein-Friesian Population. Genetics, 1996, 144, 1799-1807.	2.9	198
7	Effects of milk protein variants on the protein composition of bovine milk. Journal of Dairy Science, 2009, 92, 1192-1202.	3.4	197
8	Estimation of effects of single genes on quantitative traits. Journal of Animal Science, 1992, 70, 2000-2012.	0.5	196
9	Successes and failures of small ruminant breeding programmes in the tropics: a review. Small Ruminant Research, 2006, 61, 13-28.	1.2	193
10	Milk Fatty Acid Unsaturation: Genetic Parameters and Effects of Stearoyl-CoA Desaturase (SCD1) and Acyl CoA: Diacylglycerol Acyltransferase 1 (DGAT1). Journal of Dairy Science, 2008, 91, 2135-2143.	3.4	187
11	Multilevel Selection 2: Estimating the Genetic Parameters Determining Inheritance and Response to Selection. Genetics, 2007, 175, 289-299.	2.9	183
12	DGAT1 underlies large genetic variation in milkâ€fat composition of dairy cows. Animal Genetics, 2007, 38, 467-473.	1.7	179
13	Effect of lactation stage and energy status on milk fat composition of Holstein-Friesian cows. Journal of Dairy Science, 2009, 92, 1469-1478.	3.4	175
14	Genetic Parameters for Major Milk Fatty Acids and Milk Production Traits of Dutch Holstein-Friesians. Journal of Dairy Science, 2008, 91, 385-394.	3.4	171
15	Genetic aspects of feed intake and efficiency in lactating dairy heifers. Livestock Science, 1991, 29, 263-275.	1.2	160
16	Estimation of genetic parameters for fat deposition and carcass traits in broilers. Poultry Science, 2004, 83, 521-525.	3.4	153
17	Associations Between Milk Protein Polymorphisms and Milk Production Traits. Journal of Dairy Science, 1992, 75, 2549-2559.	3.4	146
18	Whole Genome Scan to Detect Quantitative Trait Loci for Conformation and Functional Traits in Dairy Cattle. Journal of Dairy Science, 2000, 83, 795-806.	3.4	137

#	Article	IF	Citations
19	Effect of polymorphisms in the FASN, OLR1, PPARGC1A, PRL and STAT5A genes on bovine milkâ€fat composition. Animal Genetics, 2009, 40, 909-916.	1.7	134
20	Population structure, genetic variation and morphological diversity in indigenous sheep of Ethiopia. Animal Genetics, 2007, 38, 621-628.	1.7	131
21	Estimating Relatedness Between Individuals in General Populations With a Focus on Their Use in Conservation Programs. Genetics, 2006, 173, 483-496.	2.9	125
22	Studies on the replacement policies in dairy cattle. II. Optimum policy and influence of changes in production and prices. Livestock Science, 1985, 13, 101-121.	1.2	115
23	Whole genome scan in chickens for quantitative trait loci affecting growth and feed efficiency. Poultry Science, 1999, 78, 15-23.	3.4	114
24	Optimization of Dairy Cattle Breeding Programs for Different Environments with Genotype by Environment Interaction. Journal of Dairy Science, 2006, 89, 1740-1752.	3.4	113
25	Detection and characterization of quantitative trait loci for growth and reproduction traits in pigs. Livestock Science, 2001, 72, 185-198.	1.2	112
26	SelAction: Software to Predict Selection Response and Rate of Inbreeding in Livestock Breeding Programs. , 2002, 93, 456-458.		106
27	Predicting bovine milk fat composition using infrared spectroscopy based on milk samples collected in winter and summer. Journal of Dairy Science, 2009, 92, 6202-6209.	3.4	106
28	Small ruminant production in smallholder and pastoral/extensive farming systems in Kenya. Small Ruminant Research, 2008, 77, 11-24.	1.2	105
29	Genetic Parameters for Milk Urea Nitrogen in Relation to Milk Production Traits. Journal of Dairy Science, 2007, 90, 1981-1986.	3.4	104
30	Fine mapping and imprinting analysis for fatness trait QTLs in pigs. Mammalian Genome, 2000, 11, 656-661.	2.2	103
31	Potential Improvements in Rate of Genetic Gain from Marker-Assisted Selection in Dairy Cattle Breeding Schemes. Journal of Dairy Science, 1992, 75, 1651-1659.	3.4	93
32	Genetic parameters for major milk proteins in Dutch Holstein-Friesians. Journal of Dairy Science, 2009, 92, 1182-1191.	3.4	93
33	Genetic parameters for various random regression models to describe the weight data of pigs. Journal of Animal Science, 2002, 80, 575-582.	0.5	92
34	Heritability estimates and response to selection for growth of Nile tilapia (Oreochromis niloticus) in low-input earthen ponds. Aquaculture, 2006, 261, 479-486.	3.5	90
35	Selection method and early-life history affect behavioural development, feather pecking and cannibalism in laying hens: A review. Applied Animal Behaviour Science, 2008, 110, 217-228.	1.9	90
36	Survival of Laying Hens: Genetic Parameters for Direct and Associative Effects in Three Purebred Layer Lines. Poultry Science, 2008, 87, 233-239.	3.4	90

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37	Genetic and phenotypic parameter estimates for body weights and egg production in Horro chicken of Ethiopia. Tropical Animal Health and Production, 2011, 43, 21-28.	1.4	90
38	Whole-genome association study for milk protein composition in dairy cattle. Journal of Dairy Science, 2011, 94, 3148-3158.	3.4	89
39	Estimates of genetic parameters and genetic trends for live weight and fleece traits in Menz sheep. Small Ruminant Research, 2007, 70, 145-153.	1.2	88
40	Production objectives and trait preferences of village poultry producers of Ethiopia: implications for designing breeding schemes utilizing indigenous chicken genetic resources. Tropical Animal Health and Production, 2010, 42, 1519-1529.	1.4	88
41	Genetic and Phenotypic Correlations Between Feather Pecking and Open-Field Response in Laying Hens at Two Different Ages. Behavior Genetics, 2004, 34, 407-415.	2.1	86
42	Genetic variation in aggression-related traits in Golden Retriever dogs. Applied Animal Behaviour Science, 2007, 104, 95-106.	1.9	84
43	Whole genome scan for quantitative trait loci affecting body weight in chickens using a three generation design. Livestock Science, 1998, 54, 133-150.	1.2	83
44	Direct, maternal and nurse sow genetic effects on farrowing-, pre-weaning- and total piglet survival. Livestock Science, 2002, 73, 153-164.	1.2	82
45	The prospects of selection for social genetic effects to improve welfare and productivity in livestock. Frontiers in Genetics, 2014, 5, 377.	2.3	81
46	Genetic origin, admixture and population history of aurochs (Bos primigenius) and primitive European cattle. Heredity, 2017, 118, 169-176.	2.6	80
47	Studies on the replacement policies in dairy cattle. III. Influence of variation in reproduction and production. Livestock Science, 1985, 13, 333-349.	1.2	77
48	Short- and Long-Term Production Losses and Repeatability of Clinical Mastitis in Dairy Cattle. Journal of Dairy Science, 1993, 76, 2561-2578.	3.4	75
49	A whole-genome scan for quantitative trait loci affecting teat number in pigs.. Journal of Animal Science, 2001, 79, 2320.	0.5	75
50	Genome-wide scan for bovine milk-fat composition. I. Quantitative trait loci for short- and medium-chain fatty acids. Journal of Dairy Science, 2009, 92, 4664-4675.	3.4	74
51	Predicting bovine milk protein composition based on Fourier transform infrared spectra. Journal of Dairy Science, 2011, 94, 5683-5690.	3.4	74
52	Whole genome scan in chickens for quantitative trait loci affecting carcass traits. Poultry Science, 1999, 78, 1091-1099.	3.4	72
53	Phenotypic and genetic association between fertility and production in dairy cows. Livestock Science, 1989, 21, 1-12.	1.2	71
54	Optimizing selection for quantitative traits with information on an identified locus in outbred populations. Genetical Research, 1998, 71, 257-275.	0.9	70

#	Article	IF	Citations
55	Across-Line SNP Association Study for Direct and Associative Effects on Feather Damage in Laying Hens. Behavior Genetics, 2010, 40, 715-727.	2.1	70
56	Genetic and nongenetic variation in concentration of selenium, calcium, potassium, zinc, magnesium, and phosphorus in milk of Dutch Holstein-Friesian cows. Journal of Dairy Science, 2009, 92, 5754-5759.	3.4	69
57	Genetic and phenotypic parameters of body weight in West African Dwarf goat and DjallonkÃ© sheep. Small Ruminant Research, 2007, 67, 271-278.	1.2	68
58	A model to estimate the performance, revenues and costs of dairy cows under different production and price situations. Agricultural Systems, 1985, 16, 157-189.	6.1	67
59	Use of Profit Equations to Determine Relative Economic Value of Dairy Cattle Herd Life and Production from Field Data. Journal of Dairy Science, 1991, 74, 1101-1107.	3.4	67
60	Criteria to assess the degree of endangerment of livestock breeds in Europe. Livestock Science, 2004, 91, 173-182.	1.2	67
61	Maximizing genetic gain for the sire line of a crossbreeding scheme utilizing both purebred and crossbred information. Animal Science, 1998, 66, 529-542.	1.3	66
62	Modeling Extended Lactations of Dairy Cows. Journal of Dairy Science, 2000, 83, 1371-1380.	3.4	66
63	Effects of genomic selection on genetic improvement, inbreeding, and merit of young versus proven bulls. Journal of Dairy Science, 2011, 94, 1559-1567.	3.4	66
64	Acrossâ€line SNP association study of innate and adaptive immune response in laying hens. Animal Genetics, 2010, 41, 26-38.	1.7	65
65	Short communication: Genome-wide scan for bovine milk-fat composition. II. Quantitative trait loci for long-chain fatty acids. Journal of Dairy Science, 2009, 92, 4676-4682.	3.4	64
66	Genetic relationships between feed intake, efficiency and production traits in growing bulls, growing heifers and lactating heifers. Livestock Science, 1992, 32, 189-202.	1.2	61
67	The novel object test as predictor of feather damage in cage-housed Rhode Island Red and White Leghorn laying hens. Applied Animal Behaviour Science, 2008, 109, 292-305.	1.9	61
68	Effects of the diacylglycerol o-acyltransferase 1 (DGAT1) K232A polymorphism on fatty acid, protein, and mineral composition of dairy cattle milk. Journal of Dairy Science, 2016, 99, 3113-3123.	3.4	60
69	Influence of water temperature on the economic value of growth rate in fish farming: The case of sea bass (Dicentrarchus labrax) cage farming in the Mediterranean. Aquaculture, 2016, 462, 47-55.	3.5	57
70	Direct and maternal genetic effects for ascites-related traits in broilers. Poultry Science, 2002, 81, 1273-1279.	3.4	56
71	Novel polymorphisms in the bovine Î²â€lactoglobulin gene and their effects on Î²â€lactoglobulin protein concentration in milk. Animal Genetics, 2009, 40, 127-133.	1.7	56
72	Environmental impacts of genetic improvement of growth rate and feed conversion ratio in fish farming under rearing density and nitrogen output limitations. Journal of Cleaner Production, 2016, 116, 100-109.	9.3	55

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73	Economic values for traits of meat sheep in medium to high production potential areas of the tropics. Small Ruminant Research, 2003, 50, 187-202.	1.2	53
74	Influence of Production and Prices on Optimum Culling Rates and Annualized Net Revenue. Journal of Dairy Science, 1988, 71, 3453-3462.	3.4	52
75	Genetic parameters for feed intake and feed efficiency in growing dairy heifers. Livestock Science, 1991, 29, 49-59.	1.2	52
76	Optimizing Model: Insemination, Replacement, Seasonal Production, and Cash Flow. Journal of Dairy Science, 1992, 75, 885-896.	3.4	52
77	Genome Scan for Parent-of-Origin QTL Effects on Bovine Growth and Carcass Traits. Frontiers in Genetics, 2011, 2, 44.	2.3	51
78	Influence of Involuntary Culling on Optimum Culling Rates and Annualized Net Revenue. Journal of Dairy Science, 1988, 71, 3463-3469.	3.4	50
79	Estimation of direct and maternal genetic (co) variances for survival within litters of piglets. Livestock Science, 1996, 46, 163-171.	1.2	49
80	Genetic parameters of ascites-related traits in broilers: correlations with feed efficiency and carcase traits. British Poultry Science, 2005, 46, 43-53.	1.7	47
81	Prediction of additive and dominance effects in selected or unselected populations with inbreeding. Theoretical and Applied Genetics, 1992, 84-84, 451-459.	3.6	46
82	Genotype-by-environment interaction of growth traits in rainbow trout (Oncorhynchus mykiss): A continental scale study1. Journal of Animal Science, 2013, 91, 5572-5581.	0.5	46
83	Genetic Parameters for Cystic Ovarian Disease in Dutch Black and White Dairy Cattle. Journal of Dairy Science, 2001, 84, 286-291.	3.4	45
84	The X Chromosome harbors quantitative trait loci for backfat thickness and intramuscular fat content in pigs. Mammalian Genome, 2000, 11, 800-802.	2.2	44
85	Dairy cattle production in Europe. Theriogenology, 2003, 59, 563-569.	2.1	43
86	Participatory definition of breeding objectives and selection indexes for sheep breeding in traditional systems. Livestock Science, 2010, 128, 67-74.	1.6	43
87	Genomic regions associated with bovine milk fatty acids in both summer and winter milk samples. BMC Genetics, 2012, 13, 93.	2.7	43
88	Levels of inbreeding in group mating captive broodstock populations of Common sole, (Solea solea), inferred from parental relatedness and contribution. Aquaculture, 2009, 289, 26-31.	3.5	42
89	Economic values for traits in breeding objectives for sheep in the tropics: impact of tangible and intangible benefits. Livestock Science, 2004, 88, 143-160.	1.2	41
90	Derivation of economic values for veal, beef and milk production traits using profit equations. Livestock Science, 1993, 34, 35-56.	1.2	40

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91	Phenotypic and genetic parameters for body measurements, reproductive traits and gut length of Nile tilapia (Oreochromis niloticus) selected for growth in low-input earthen ponds. Aquaculture, 2007, 273, 15-23.	3.5	40
92	Management Guides for Insemination and Replacement Decisions. Journal of Dairy Science, 1988, 71, 1050-1057.	3.4	39
93	Genetic variables of various manifestations of osteochondrosis and their correlations between and within joints in Dutch warmblood horses1. Journal of Animal Science, 2009, 87, 1906-1912.	0.5	39
94	Genetic correlation between composition of bovine milk fat in winter and summer, and DGAT1 and SCD1 by season interactions. Journal of Dairy Science, 2013, 96, 592-604.	3.4	38
95	Estimating Breeding Values With Molecular Relatedness and Reconstructed Pedigrees in Natural Mating Populations of Common Sole, Solea Solea. Genetics, 2010, 184, 213-219.	2.9	37
96	The effect of the number of observations used for Fourier transform infrared model calibration for bovine milk fat composition on the estimated genetic parameters of the predicted data. Journal of Dairy Science, 2010, 93, 4872-4882.	3.4	37
97	Nitrogen excretion at different stages of growth and its association with production traits in growing pigs1. Journal of Animal Science, 2012, 90, 1756-1765.	0.5	37
98	Association of bovine Î²-casein protein variant I with milk production and milk protein composition. Animal Genetics, 2011, 42, 212-218.	1.7	36
99	Factors affecting commercial application of embryo technologies in dairy cattle in Europeâ€”a modelling approach. Theriogenology, 2003, 59, 635-649.	2.1	35
100	Heritability of shape in common sole, Solea solea, estimated from image analysis data. Aquaculture, 2010, 307, 6-11.	3.5	35
101	Heat stress effects on farrowing rate in sows: Genetic parameter estimation using within-line and crossbred models1. Journal of Animal Science, 2012, 90, 2109-2119.	0.5	35
102	Genome-wide association study for claw disorders and trimming status in dairy cattle. Journal of Dairy Science, 2015, 98, 1286-1295.	3.4	35
103	The Imprinted Gene DIO3 Is a Candidate Gene for Litter Size in Pigs. PLoS ONE, 2012, 7, e31825.	2.5	35
104	Genetic Progress in Multistage Dairy Cattle Breeding Schemes Using Genetic Markers. Journal of Dairy Science, 2005, 88, 1569-1581.	3.4	34
105	Genetic parameters for claw disorders and the effect of preselecting cows for trimming. Journal of Dairy Science, 2013, 96, 6070-6078.	3.4	34
106	Studies on the replacement policies in dairy cattle. IV. Influence of seasonal variation in performance and prices. Livestock Science, 1986, 14, 15-28.	1.2	33
107	Estimation of Milk Protein Gene Frequencies in Crossbred Cattle by Maximum Likelihood. Journal of Dairy Science, 1991, 74, 2728-2736.	3.4	33
108	Genetic parameters for linear type traits in Shetland Ponies. Livestock Science, 1993, 36, 273-284.	1.2	33

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109	Economic values for production and functional traits in Holstein cattle of Costa Rica. Livestock Science, 2002, 75, 101-116.	1.2	33
110	Comparison of information content for microsatellites and SNPs in poultry and cattle. Animal Genetics, 2008, 39, 451-453.	1.7	33
111	Genome-wide association study to identify chromosomal regions associated with antibody response to Mycobacterium avium subspecies paratuberculosis in milk of Dutch Holstein-Friesians. Journal of Dairy Science, 2012, 95, 2740-2748.	3.4	33
112	Effects of the DGAT1 polymorphism on test-day milk production traits throughout lactation. Journal of Dairy Science, 2015, 98, 6572-6582.	3.4	33
113	Optimal village breeding schemes under smallholder sheep farming systems. Livestock Science, 2009, 124, 82-88.	1.6	32
114	Effects of relatedness and inbreeding on reproductive success of Nile tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	3.5	32
115	East Asian contributions to Dutch traditional and western commercial chickens inferred from mtDNA analysis. Animal Genetics, 2011, 42, 125-133.	1.7	32
116	Dynamic probabilistic modelling of reproduction and replacement management in sow herds. General aspects and model description. Agricultural Systems, 1992, 39, 133-152.	6.1	31
117	Genetic mapping of quantitative trait loci affecting susceptibility in chicken to develop pulmonary hypertension syndrome. Animal Genetics, 2005, 36, 468-476.	1.7	31
118	Suitability for field service in 4 breeds of guide dogs. Journal of Veterinary Behavior: Clinical Applications and Research, 2006, 1, 67-74.	1.2	31
119	Genomeâ€wide SNP associationâ€“based localization of a dwarfism gene in Friesian dwarf horses. Animal Genetics, 2010, 41, 2-7.	1.7	31
120	Variation among sows in response to porcine reproductive and respiratory syndrome1. Journal of Animal Science, 2014, 92, 95-105.	0.5	31
121	Genetic gain of pure line selection and combined crossbred purebred selection with constrained inbreeding. Animal Science, 2001, 72, 225-232.	1.3	31
122	Utilisation of genetic variation by marker assisted selection in commercial dairy cattle populations. Livestock Science, 1999, 59, 51-60.	1.2	30
123	Genetic parameters of ascites-related traits in broilers: effect of cold and normal temperature conditions. British Poultry Science, 2005, 46, 35-42.	1.7	30
124	Heritability and repeatability of insect bite hypersensitivity in Dutch Shetland breeding mares1. Journal of Animal Science, 2009, 87, 484-490.	0.5	30
125	QTL Mapping in chicken using a three generation full sib family structure of an extreme broiler X broiler cross. Animal Biotechnology, 1997, 8, 41-46.	1.5	29
126	Effects of inbreeding on survival, body weight and fluctuating asymmetry (FA) in Nile tilapia, Oreochromis niloticus. Aquaculture, 2007, 264, 27-35.	3.5	29

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127	Natural antibodies in bovine milk and blood plasma: Variability among cows, repeatability within cows, and relation between milk and plasma titers. Veterinary Immunology and Immunopathology, 2011, 144, 88-94.	1.2	29
128	Effect of herd prevalence on heritability estimates of antibody response to Mycobacterium avium subspecies paratuberculosis. Journal of Dairy Science, 2011, 94, 992-997.	3.4	29
129	Effect of match or mismatch of maternalâ€“offspring nutritional environment on the development of offspring in broiler chickens. Animal, 2011, 5, 741-748.	3.3	29
130	Genotype by environment interaction for growth of sole (Solea solea) reared in an intensive aquaculture system and in a semi-natural environment. Aquaculture, 2013, 410-411, 230-235.	3.5	29
131	Genome-wide association study for behavior, type traits, and muscular development in Charolais beef cattle1. Journal of Animal Science, 2016, 94, 2307-2316.	0.5	29
132	Economic Appraisal of the Utilization of Genetic Markers in Dairy Cattle Breeding. Journal of Dairy Science, 1993, 76, 1204-1213.	3.4	28
133	Genome Scan Reveals New Coat Color Loci in Exotic Pig Cross. , 2002, 93, 1-8.		28
134	Estimation of heritability and breeding values for early egg production in laying hens from pooled data. Poultry Science, 2010, 89, 1842-1849.	3.4	28
135	The impact of genotyping different groups of animals on accuracy when moving from traditional to genomic selection. Journal of Dairy Science, 2012, 95, 5412-5421.	3.4	28
136	Reproductive performance and mortality rate in Menz and Horro sheep following controlled breeding in Ethiopia. Small Ruminant Research, 2006, 63, 297-303.	1.2	27
137	Whole genome scan to detect quantitative trait loci for bovine milk protein composition. Animal Genetics, 2009, 40, 524-537.	1.7	27
138	Strategies to optimize marker-assisted introgression of multiple unlinked QTL. Mammalian Genome, 2000, 11, 145-150.	2.2	26
139	Genetic relations of First Stallion Inspection traits with dressage and show-jumping performance in competition of Dutch Warmblood horses. Livestock Science, 2007, 107, 81-85.	1.6	26
140	Genetic parameters of insect bite hypersensitivity in Dutch Friesian broodmares1. Journal of Animal Science, 2011, 89, 1286-1293.	0.5	26
141	Short communication: Genetic study of methane production predicted from milk fat composition in dairy cows. Journal of Dairy Science, 2015, 98, 8223-8226.	3.4	26
142	Parameter Estimation of Milk Yield and Composition for 305 Days and Peak Production. Journal of Dairy Science, 1989, 72, 1534-1539.	3.4	25
143	Feed intake, body weight and milk production: genetic analysis of different measurements in lactating dairy heifers. Livestock Science, 1993, 37, 37-51.	1.2	25
144	Genetic variation among broiler genotypes in susceptibility to colibacillosis. Poultry Science, 2006, 85, 415-421.	3.4	25

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145	The role of reproductive technologies in breeding schemes for livestock populations in developing countries. Livestock Science, 2011, 136, 29-37.	1.6	25
146	Methods to determine the relative value of genetic traits in dairy cows to reduce greenhouse gas emissions along the chain. Journal of Dairy Science, 2014, 97, 5191-5205.	3.4	25
147	Genetic Variation in Vitamin B-12 Content of Bovine Milk and Its Association with SNP along the Bovine Genome. PLoS ONE, 2013, 8, e62382.	2.5	25
148	Dynamic probabilistic simulation of dairy herd management practices. I. Model description and outcome of different seasonal calving patterns. Livestock Science, 1993, 37, 107-131.	1.2	24
149	Effect of Inaccurate Parameter Estimates on Genetic Response to Marker-Assisted Selection in an Outbred Population. Journal of Dairy Science, 1997, 80, 3399-3410.	3.4	24
150	Genetic analysis of the service sire effect on litter size in swine. Livestock Science, 1999, 58, 91-94.	1.2	24
151	Phenotypic and genetic relationships of bovine natural antibodies binding keyhole limpet hemocyanin in plasma and milk. Journal of Dairy Science, 2015, 98, 2746-2752.	3.4	24
152	Factors determining the carcass value of culled dairy cows. Livestock Science, 1984, 11, 391-400.	1.2	23
153	Defining susceptibility of broiler chicks to colibacillosis. Avian Pathology, 2006, 35, 147-153.	2.0	23
154	Detection and mapping of quantitative trait loci in farm animals. Livestock Science, 1997, 52, 135-144.	1.2	22
155	High natural antibody titers of indigenous chickens are related with increased hazard in confinement. Poultry Science, 2015, 94, 1493-1498.	3.4	22
156	Changes in disease gene frequency over time with differential genotypic fitness and various control strategies. Journal of Animal Science, 2006, 84, 2629-2635.	0.5	21
157	Effects of grading on heritability estimates under commercial conditions: A case study with common sole, Solea solea. Aquaculture, 2010, 300, 43-49.	3.5	21
158	Novel insight into the genomic architecture of feed and nitrogen efficiency measured by residual energy intake and nitrogen excretion in growing pigs. BMC Genetics, 2013, 14, 121.	2.7	21
159	Efficiency of selection for body weight in a cooperative village breeding program of Menz sheep under smallholder farming system. Animal, 2014, 8, 1249-1254.	3.3	21
160	Production system and participatory identification of breeding objective traits for indigenous goat breeds of Uganda. Small Ruminant Research, 2018, 163, 51-59.	1.2	21
161	An economic comparison of management strategies on reproduction and replacement in sow herds using a dynamic probabilistic model. Livestock Science, 1992, 32, 331-350.	1.2	20
162	Selection on linear size traits to improve live weight in Menz sheep under nucleus and village breeding programs. Livestock Science, 2008, 118, 92-98.	1.6	20

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163	Genetic variation of natural antibodies in milk of Dutch Holstein-Friesian cows. Journal of Dairy Science, 2010, 93, 5467-5473.	3.4	20
164	Consequences of differences in pricing systems between regions on economic values and revenues of a national dairy cattle breeding scheme in Italy. Livestock Science, 1997, 49, 23-32.	1.2	19
165	Marker-assisted introgression of Trypanotolerance QTL in mice. Mammalian Genome, 2005, 16, 112-119.	2.2	19
166	Genetic and phenotypic relationships between blood gas parameters and ascites-related traits in broilers. Poultry Science, 2009, 88, 483-490.	3.4	19
167	Fine mapping of a quantitative trait locus for bovine milk fat composition on Bos taurus autosome 19. Journal of Dairy Science, 2014, 97, 1139-1149.	3.4	19
168	Optimal Replacement and Insemination Policies for Holstein Cattle in the Southeastern Region of Brazil: The Effect of Selling Animals for Production. Journal of Dairy Science, 1999, 82, 1449-1458.	3.4	18
169	Effects of milk fat composition, DGAT1, and SCD1 on fertility traits in Dutch Holstein cattle. Journal of Dairy Science, 2009, 92, 5720-5729.	3.4	18
170	Genetic parameters for reproductive traits in female Nile tilapia (Oreochromis niloticus): I. Spawning success and time to spawn. Aquaculture, 2013, 416-417, 57-64.	3.5	18
171	Genetic parameters for natural antibody isotype titers in milk of Dutch Holsteinâ€Friesians. Animal Genetics, 2013, 44, 485-492.	1.7	18
172	Genetic Comparison of Breeding Schemes Based on Semen Importation and Local Breeding Schemes: Framework and Application to Costa Rica. Journal of Dairy Science, 2004, 87, 1496-1505.	3.4	17
173	Metaâ€analysis of results from quantitative trait loci mapping studies on pig chromosome 4. Animal Genetics, 2011, 42, 280-292.	1.7	17
174	Short communication: A new bovine milk-protein variant: Î±-Lactalbumin variant D. Journal of Dairy Science, 2012, 95, 2165-2169.	3.4	17
175	Breeding programmes for smallholder sheep farming systems: <scp>II</scp>. Optimization of cooperative village breeding schemes. Journal of Animal Breeding and Genetics, 2014, 131, 350-357.	2.0	17
176	Defining a breeding objective for Nile tilapia that takes into account the diversity of smallholder production systems. Journal of Animal Breeding and Genetics, 2016, 133, 404-413.	2.0	17
177	Analysis of Test Day Yield Data of Costa Rican Dairy Cattle. Journal of Dairy Science, 1998, 81, 255-263.	3.4	16
178	The relation between breeding management and 305-day milk production, determined via principal components regression and partial least squares. Livestock Science, 2000, 66, 71-83.	1.2	16
179	Economic evaluation of crossbreeding for dairy production in a pasture based production system in Kenya. Livestock Science, 2000, 65, 167-184.	1.2	16
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