

Johan van Arendonk

List of Publications by Year in descending order

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Version: 2024-02-01

249
papers

11,928
citations

20036

63
h-index

46524

93
g-index

257
all docs

257
docs citations

257
times ranked

7524
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic simulations to determine the impacts of economic and non-economic breeding objectives on sustainable intensification of developing smallholder dairy farms. <i>Livestock Science</i> , 2019, 226, 7-12.	0.6	2
2	Production system and participatory identification of breeding objective traits for indigenous goat breeds of Uganda. <i>Small Ruminant Research</i> , 2018, 163, 51-59.	0.6	21
3	Economic evaluation of progeny-testing and genomic selection schemes for small-sized nucleus dairy cattle breeding programs in developing countries. <i>Journal of Dairy Science</i> , 2017, 100, 2258-2268.	1.4	8
4	Multiple criteria decision-making process to derive consensus desired genetic gains for a dairy cattle breeding objective for diverse production systems. <i>Journal of Dairy Science</i> , 2017, 100, 4671-4682.	1.4	11
5	Fine-mapping of BTA17 using imputed sequences for associations with de novo synthesized fatty acids in bovine milk. <i>Journal of Dairy Science</i> , 2017, 100, 9125-9135.	1.4	5
6	Genetic origin, admixture and population history of aurochs (<i>Bos primigenius</i>) and primitive European cattle. <i>Heredity</i> , 2017, 118, 169-176.	1.2	80
7	Genetic correlations between dressage, show jumping and studbook entry inspection traits in a process of specialization in Dutch Warmblood horses. <i>Journal of Animal Breeding and Genetics</i> , 2017, 134, 162-171.	0.8	10
8	Analysis of competition performance in dressage and show jumping of Dutch Warmblood horses. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 503-512.	0.8	15
9	Defining a breeding objective for Nile tilapia that takes into account the diversity of smallholder production systems. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 404-413.	0.8	17
10	Accounting for genetic architecture in single and multipopulation genomic prediction using weights from genomewide association studies in pigs. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 187-196.	0.8	7
11	Genome-wide association study for behavior, type traits, and muscular development in Charolais beef cattle1. <i>Journal of Animal Science</i> , 2016, 94, 2307-2316.	0.2	29
12	Influence of water temperature on the economic value of growth rate in fish farming: The case of sea bass (<i>Dicentrarchus labrax</i>) cage farming in the Mediterranean. <i>Aquaculture</i> , 2016, 462, 47-55.	1.7	57
13	Comparison of different poultry breeds under station and on-farm conditions in Ethiopia. <i>Livestock Science</i> , 2016, 183, 72-77.	0.6	5
14	Effects of the diacylglycerol o-acyltransferase 1 (DGAT1) K232A polymorphism on fatty acid, protein, and mineral composition of dairy cattle milk. <i>Journal of Dairy Science</i> , 2016, 99, 3113-3123.	1.4	60
15	Environmental impacts of genetic improvement of growth rate and feed conversion ratio in fish farming under rearing density and nitrogen output limitations. <i>Journal of Cleaner Production</i> , 2016, 116, 100-109.	4.6	55
16	Breeding objectives for sheep should be customised depending on variation in pasture growth across years. <i>Animal</i> , 2015, 9, 1268-1277.	1.3	5
17	Genetic parameters for large-scale behavior traits and type traits in Charolais beef cows1. <i>Journal of Animal Science</i> , 2015, 93, 4277-4284.	0.2	8
18	Effect of specialization on genetic parameters of studbook entry inspection in Dutch Warmblood horses. <i>Journal of Animal Breeding and Genetics</i> , 2015, 132, 441-448.	0.8	7

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19	Phenotypic and genetic relationships of bovine natural antibodies binding keyhole limpet hemocyanin in plasma and milk. <i>Journal of Dairy Science</i> , 2015, 98, 2746-2752.	1.4	24
20	Genome-wide association study for claw disorders and trimming status in dairy cattle. <i>Journal of Dairy Science</i> , 2015, 98, 1286-1295.	1.4	35
21	Genetic relationships between claw health traits of dairy cows in different parities, lactation stages, and herds with different claw disorder frequencies. <i>Journal of Dairy Science</i> , 2015, 98, 6564-6571.	1.4	9
22	Effect of feed-related farm characteristics on relative values of genetic traits in dairy cows to reduce greenhouse gas emissions along the chain. <i>Journal of Dairy Science</i> , 2015, 98, 4889-4903.	1.4	4
23	Effects of the DGAT1 polymorphism on test-day milk production traits throughout lactation. <i>Journal of Dairy Science</i> , 2015, 98, 6572-6582.	1.4	33
24	Short communication: Genetic study of methane production predicted from milk fat composition in dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 8223-8226.	1.4	26
25	High natural antibody titers of indigenous chickens are related with increased hazard in confinement. <i>Poultry Science</i> , 2015, 94, 1493-1498.	1.5	22
26	Variation among sows in response to porcine reproductive and respiratory syndrome1. <i>Journal of Animal Science</i> , 2014, 92, 95-105.	0.2	31
27	The prospects of selection for social genetic effects to improve welfare and productivity in livestock. <i>Frontiers in Genetics</i> , 2014, 5, 377.	1.1	81
28	Genetic connections between dressage and show-jumping horses in Dutch Warmblood horses. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2014, 64, 57-66.	0.2	5
29	Breeding programs for smallholder sheep farming systems: I. Evaluation of alternative designs of breeding schemes. <i>Journal of Animal Breeding and Genetics</i> , 2014, 131, 341-349.	0.8	9
30	Optimizing the design of small-sized nucleus breeding programs for dairy cattle with minimal performance recording. <i>Journal of Dairy Science</i> , 2014, 97, 7963-7974.	1.4	9
31	Breeding programmes for smallholder sheep farming systems: <scp>II</scp>. Optimization of cooperative village breeding schemes. <i>Journal of Animal Breeding and Genetics</i> , 2014, 131, 350-357.	0.8	17
32	Efficiency of selection for body weight in a cooperative village breeding program of Menz sheep under smallholder farming system. <i>Animal</i> , 2014, 8, 1249-1254.	1.3	21
33	Fine mapping of a quantitative trait locus for bovine milk fat composition on <i>Bos taurus</i> autosome 19. <i>Journal of Dairy Science</i> , 2014, 97, 1139-1149.	1.4	19
34	The effect of genetic selection for Johneâ€™s disease resistance in dairy cattle: Results of a genetic-epidemiological model. <i>Journal of Dairy Science</i> , 2014, 97, 1762-1773.	1.4	14
35	Accuracy of genomic prediction when combining two related crossbred populations1. <i>Journal of Animal Science</i> , 2014, 92, 4342-4348.	0.2	6
36	A quantitative trait locus on <i>Bos taurus</i> autosome 17 explains a large proportion of the genetic variation in de novo synthesized milk fatty acids. <i>Journal of Dairy Science</i> , 2014, 97, 7276-7285.	1.4	10

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37	Varying pasture growth and commodity prices change the value of traits in sheep breeding objectives. <i>Agricultural Systems</i> , 2014, 131, 94-104.	3.2	6
38	Feasibility of pedigree recording and genetic selection in village sheep flocks of smallholder farmers. <i>Tropical Animal Health and Production</i> , 2014, 46, 809-14.	0.5	8
39	Estimation of residual energy intake and its genetic background during the growing period in pigs. <i>Livestock Science</i> , 2014, 168, 17-25.	0.6	11
40	Methods to determine the relative value of genetic traits in dairy cows to reduce greenhouse gas emissions along the chain. <i>Journal of Dairy Science</i> , 2014, 97, 5191-5205.	1.4	25
41	Genetic parameters for reproductive traits in female Nile tilapia (<i>Oreochromis niloticus</i>): II. Fecundity and fertility. <i>Aquaculture</i> , 2013, 416-417, 72-77.	1.7	15
42	Novel insight into the genomic architecture of feed and nitrogen efficiency measured by residual energy intake and nitrogen excretion in growing pigs. <i>BMC Genetics</i> , 2013, 14, 121.	2.7	21
43	Genetic parameters for reproductive traits in female Nile tilapia (<i>Oreochromis niloticus</i>): I. Spawning success and time to spawn. <i>Aquaculture</i> , 2013, 416-417, 57-64.	1.7	18
44	Genetic parameters for natural antibody isotype titers in milk of Dutch Holstein-Friesians. <i>Animal Genetics</i> , 2013, 44, 485-492.	0.6	18
45	Genetic parameters for claw disorders and the effect of preselecting cows for trimming. <i>Journal of Dairy Science</i> , 2013, 96, 6070-6078.	1.4	34
46	Risk factors for insect bite hypersensitivity in Friesian horses and Shetland ponies in The Netherlands. <i>Veterinary Journal</i> , 2013, 195, 382-384.	0.6	10
47	Genotype by environment interaction for growth of sole (<i>Solea solea</i>) reared in an intensive aquaculture system and in a semi-natural environment. <i>Aquaculture</i> , 2013, 410-411, 230-235.	1.7	29
48	Genetic correlation between composition of bovine milk fat in winter and summer, and DGAT1 and SCD1 by season interactions. <i>Journal of Dairy Science</i> , 2013, 96, 592-604.	1.4	38
49	Prediction of heterosis using genome-wide SNP-marker data: application to egg production traits in white Leghorn crosses. <i>Heredity</i> , 2013, 111, 530-538.	1.2	14
50	Genome-wide association study of osteochondrosis in the tarsocrural joint of Dutch Warmblood horses identifies susceptibility loci on chromosomes 3 and 10. <i>Animal Genetics</i> , 2013, 44, 408-412.	0.6	13
51	Genotype-by-environment interaction of growth traits in rainbow trout (<i>Oncorhynchus mykiss</i>): A continental scale study1. <i>Journal of Animal Science</i> , 2013, 91, 5572-5581.	0.2	46
52	Genetic parameters for calving and conformation traits in Charolais × Montbéliard and Charolais × Holstein crossbred calves1. <i>Journal of Animal Science</i> , 2013, 91, 5582-5588.	0.2	9
53	Genetic Variation in Vitamin B-12 Content of Bovine Milk and Its Association with SNP along the Bovine Genome. <i>PLoS ONE</i> , 2013, 8, e62382.	1.1	25
54	Genetic correlation between heart ratio and body weight as a function of ascites frequency in broilers split up into sex and health status. <i>Poultry Science</i> , 2012, 91, 556-564.	1.5	13

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55	The impact of genotyping different groups of animals on accuracy when moving from traditional to genomic selection. <i>Journal of Dairy Science</i> , 2012, 95, 5412-5421.	1.4	28
56	Short communication: A new bovine milk-protein variant: β -Lactalbumin variant D. <i>Journal of Dairy Science</i> , 2012, 95, 2165-2169.	1.4	17
57	Genome-wide association study to identify chromosomal regions associated with antibody response to <i>Mycobacterium avium</i> subspecies paratuberculosis in milk of Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2012, 95, 2740-2748.	1.4	33
58	Genomic regions associated with bovine milk fatty acids in both summer and winter milk samples. <i>BMC Genetics</i> , 2012, 13, 93.	2.7	43
59	Genetic variation for infection status as determined by a specific antibody response against <i>Mycobacterium avium</i> subspecies paratuberculosis in milk of Dutch dairy goats. <i>Journal of Dairy Science</i> , 2012, 95, 6145-6151.	1.4	7
60	Heat stress effects on farrowing rate in sows: Genetic parameter estimation using within-line and crossbred models. <i>Journal of Animal Science</i> , 2012, 90, 2109-2119.	0.2	35
61	Nitrogen excretion at different stages of growth and its association with production traits in growing pigs. <i>Journal of Animal Science</i> , 2012, 90, 1756-1765.	0.2	37
62	The Imprinted Gene DIO3 Is a Candidate Gene for Litter Size in Pigs. <i>PLoS ONE</i> , 2012, 7, e31825.	1.1	35
63	Natural antibodies in bovine milk and blood plasma: Variability among cows, repeatability within cows, and relation between milk and plasma titers. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 88-94.	0.5	29
64	Effects of genomic selection on genetic improvement, inbreeding, and merit of young versus proven bulls. <i>Journal of Dairy Science</i> , 2011, 94, 1559-1567.	1.4	66
65	Effect of herd prevalence on heritability estimates of antibody response to <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Journal of Dairy Science</i> , 2011, 94, 992-997.	1.4	29
66	Whole-genome association study for milk protein composition in dairy cattle. <i>Journal of Dairy Science</i> , 2011, 94, 3148-3158.	1.4	89
67	Prediction of β -lactoglobulin genotypes based on milk Fourier transform infrared spectra. <i>Journal of Dairy Science</i> , 2011, 94, 4183-4188.	1.4	14
68	A multi-level hierarchic Markov process with Bayesian updating for herd optimization and simulation in dairy cattle. <i>Journal of Dairy Science</i> , 2011, 94, 5938-5962.	1.4	16
69	Predicting bovine milk protein composition based on Fourier transform infrared spectra. <i>Journal of Dairy Science</i> , 2011, 94, 5683-5690.	1.4	74
70	Genome Scan for Parent-of-Origin QTL Effects on Bovine Growth and Carcass Traits. <i>Frontiers in Genetics</i> , 2011, 2, 44.	1.1	51
71	The Host Defense Proteome of Human and Bovine Milk. <i>PLoS ONE</i> , 2011, 6, e19433.	1.1	210
72	Effect of match or mismatch of maternal β -offspring nutritional environment on the development of offspring in broiler chickens. <i>Animal</i> , 2011, 5, 741-748.	1.3	29

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73	Association of bovine β -casein protein variant I with milk production and milk protein composition. <i>Animal Genetics</i> , 2011, 42, 212-218.	0.6	36
74	East Asian contributions to Dutch traditional and western commercial chickens inferred from mtDNA analysis. <i>Animal Genetics</i> , 2011, 42, 125-133.	0.6	32
75	Meta-analysis of results from quantitative trait loci mapping studies on pig chromosome 4. <i>Animal Genetics</i> , 2011, 42, 280-292.	0.6	17
76	The role of reproductive technologies in breeding schemes for livestock populations in developing countries. <i>Livestock Science</i> , 2011, 136, 29-37.	0.6	25
77	Genetic and phenotypic parameter estimates for body weights and egg production in Horro chicken of Ethiopia. <i>Tropical Animal Health and Production</i> , 2011, 43, 21-28.	0.5	90
78	Across-line SNP association study for (innate) immune and behavioral traits in laying hens. <i>BMC Proceedings</i> , 2011, 5, S18.	1.8	3
79	Genetic parameters of insect bite hypersensitivity in Dutch Friesian broodmares ¹ . <i>Journal of Animal Science</i> , 2011, 89, 1286-1293.	0.2	26
80	Across-Line SNP Association Study for Direct and Associative Effects on Feather Damage in Laying Hens. <i>Behavior Genetics</i> , 2010, 40, 715-727.	1.4	70
81	Production objectives and trait preferences of village poultry producers of Ethiopia: implications for designing breeding schemes utilizing indigenous chicken genetic resources. <i>Tropical Animal Health and Production</i> , 2010, 42, 1519-1529.	0.5	88
82	Genome-wide SNP association-based localization of a dwarfism gene in Friesian dwarf horses. <i>Animal Genetics</i> , 2010, 41, 2-7.	0.6	31
83	Across-line SNP association study of innate and adaptive immune response in laying hens. <i>Animal Genetics</i> , 2010, 41, 26-38.	0.6	65
84	Estimating Breeding Values With Molecular Relatedness and Reconstructed Pedigrees in Natural Mating Populations of Common Sole, <i>Solea Solea</i> . <i>Genetics</i> , 2010, 184, 213-219.	1.2	37
85	Estimation of heritability and breeding values for early egg production in laying hens from pooled data. <i>Poultry Science</i> , 2010, 89, 1842-1849.	1.5	28
86	Exploiting genetic variation in milk-fat composition of milk from dairy cows. , 2010, , 197-222.		2
87	Genetic variation of natural antibodies in milk of Dutch Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2010, 93, 5467-5473.	1.4	20
88	Relationships between milk protein composition, milk protein variants, and cow fertility traits in Dutch Holstein-Friesian cattle. <i>Journal of Dairy Science</i> , 2010, 93, 5495-5502.	1.4	9
89	Participatory definition of breeding objectives and selection indexes for sheep breeding in traditional systems. <i>Livestock Science</i> , 2010, 128, 67-74.	0.6	43
90	Effects of grading on heritability estimates under commercial conditions: A case study with common sole, <i>Solea solea</i> . <i>Aquaculture</i> , 2010, 300, 43-49.	1.7	21

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91	Heritability of shape in common sole, <i>Solea solea</i> , estimated from image analysis data. <i>Aquaculture</i> , 2010, 307, 6-11.	1.7	35
92	Genome-wide scan to detect quantitative trait loci for milk urea nitrogen in Dutch Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2010, 93, 3310-3319.	1.4	12
93	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. <i>Journal of Dairy Science</i> , 2010, 93, 4872-4882.	1.4	37
94	Genetic variables of various manifestations of osteochondrosis and their correlations between and within joints in Dutch warmblood horses ¹ . <i>Journal of Animal Science</i> , 2009, 87, 1906-1912.	0.2	39
95	Heritability and repeatability of insect bite hypersensitivity in Dutch Shetland breeding mares ¹ . <i>Journal of Animal Science</i> , 2009, 87, 484-490.	0.2	30
96	Genetic diversity and zebu genes introgression in cattle population along the coastal region of the Bight of Benin. <i>Animal Genetic Resources Information</i> , 2009, 44, 45-55.	0.3	5
97	Genetic and phenotypic relationships between blood gas parameters and ascites-related traits in broilers. <i>Poultry Science</i> , 2009, 88, 483-490.	1.5	19
98	Whole genome scan to detect quantitative trait loci for bovine milk protein composition. <i>Animal Genetics</i> , 2009, 40, 524-537.	0.6	27
99	Effect of polymorphisms in the <i>FASN</i> , <i>OLR1</i> , <i>PPARGC1A</i> , <i>PRL</i> and <i>STAT5A</i> genes on bovine milk fat composition. <i>Animal Genetics</i> , 2009, 40, 909-916.	0.6	134
100	Novel polymorphisms in the bovine <i>β₂-lactoglobulin</i> gene and their effects on <i>β₂-lactoglobulin</i> protein concentration in milk. <i>Animal Genetics</i> , 2009, 40, 127-133.	0.6	56
101	Optimal village breeding schemes under smallholder sheep farming systems. <i>Livestock Science</i> , 2009, 124, 82-88.	0.6	32
102	Levels of inbreeding in group mating captive broodstock populations of Common sole, (<i>Solea solea</i>), inferred from parental relatedness and contribution. <i>Aquaculture</i> , 2009, 289, 26-31.	1.7	42
103	Effects of relatedness and inbreeding on reproductive success of Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.7	32
104	Effects of milk protein variants on the protein composition of bovine milk. <i>Journal of Dairy Science</i> , 2009, 92, 1192-1202.	1.4	197
105	Genetic parameters for major milk proteins in Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2009, 92, 1182-1191.	1.4	93
106	Effect of somatic cell count level on functional longevity in Valle del Belice dairy sheep assessed using survival analysis. <i>Journal of Dairy Science</i> , 2009, 92, 6160-6166.	1.4	8
107	Effect of lactation stage and energy status on milk fat composition of Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2009, 92, 1469-1478.	1.4	175
108	Short communication: Genome-wide scan for bovine milk-fat composition. II. Quantitative trait loci for long-chain fatty acids. <i>Journal of Dairy Science</i> , 2009, 92, 4676-4682.	1.4	64

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109	Genome-wide scan for bovine milk-fat composition. I. Quantitative trait loci for short- and medium-chain fatty acids. <i>Journal of Dairy Science</i> , 2009, 92, 4664-4675.	1.4	74
110	Effects of milk fat composition, DGAT1, and SCD1 on fertility traits in Dutch Holstein cattle. <i>Journal of Dairy Science</i> , 2009, 92, 5720-5729.	1.4	18
111	Genetic and nongenetic variation in concentration of selenium, calcium, potassium, zinc, magnesium, and phosphorus in milk of Dutch Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2009, 92, 5754-5759.	1.4	69
112	Predicting bovine milk fat composition using infrared spectroscopy based on milk samples collected in winter and summer. <i>Journal of Dairy Science</i> , 2009, 92, 6202-6209.	1.4	106
113	Scenarios for a future dairy chain in the Netherlands. <i>Njas - Wageningen Journal of Life Sciences</i> , 2009, 56, 301-323.	7.9	13
114	Biphasic survival analysis of trypanotolerance QTL in mice. <i>Heredity</i> , 2008, 100, 407-414.	1.2	2
115	Comparison of information content for microsatellites and SNPs in poultry and cattle. <i>Animal Genetics</i> , 2008, 39, 451-453.	0.6	33
116	The novel object test as predictor of feather damage in cage-housed Rhode Island Red and White Leghorn laying hens. <i>Applied Animal Behaviour Science</i> , 2008, 109, 292-305.	0.8	61
117	Selection method and early-life history affect behavioural development, feather pecking and cannibalism in laying hens: A review. <i>Applied Animal Behaviour Science</i> , 2008, 110, 217-228.	0.8	90
118	Small ruminant production in smallholder and pastoral/extensive farming systems in Kenya. <i>Small Ruminant Research</i> , 2008, 77, 11-24.	0.6	105
119	Survival of Laying Hens: Genetic Parameters for Direct and Associative Effects in Three Purebred Layer Lines. <i>Poultry Science</i> , 2008, 87, 233-239.	1.5	90
120	Selection on linear size traits to improve live weight in Menz sheep under nucleus and village breeding programs. <i>Livestock Science</i> , 2008, 118, 92-98.	0.6	20
121	Genetic Parameters for Major Milk Fatty Acids and Milk Production Traits of Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2008, 91, 385-394.	1.4	171
122	Milk Fatty Acid Unsaturation: Genetic Parameters and Effects of Stearoyl-CoA Desaturase (SCD1) and Acyl CoA: Diacylglycerol Acyltransferase 1 (DGAT1). <i>Journal of Dairy Science</i> , 2008, 91, 2135-2143.	1.4	187
123	The Association of Response to a Novel Object with Subsequent Performance and Feather Damage in Adult, Cage-Housed, Pure-Bred Rhode Island Red Laying Hens. <i>Poultry Science</i> , 2008, 87, 2486-2492.	1.5	16
124	Estimation of variance components and prediction of breeding values using pooled data1. <i>Journal of Animal Science</i> , 2008, 86, 2845-2852.	0.2	16
125	Conservation priorities for Ethiopian sheep breeds combining threat status, breed merits and contributions to genetic diversity. <i>Genetics Selection Evolution</i> , 2008, 40, 433-447.	1.2	15
126	Multilevel Selection 2: Estimating the Genetic Parameters Determining Inheritance and Response to Selection. <i>Genetics</i> , 2007, 175, 289-299.	1.2	183

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127	Effects of inbreeding on survival, body weight and fluctuating asymmetry (FA) in Nile tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , 2007, 264, 27-35.	1.7	29
128	Phenotypic and genetic parameters for body measurements, reproductive traits and gut length of Nile tilapia (<i>Oreochromis niloticus</i>) selected for growth in low-input earthen ponds. <i>Aquaculture</i> , 2007, 273, 15-23.	1.7	40
129	Genetic relations of First Stallion Inspection traits with dressage and show-jumping performance in competition of Dutch Warmblood horses. <i>Livestock Science</i> , 2007, 107, 81-85.	0.6	26
130	Consequences of Selection for Yield Traits on Calving Ease Performance. <i>Journal of Dairy Science</i> , 2007, 90, 2497-2505.	1.4	10
131	Genetic Parameters for Milk Urea Nitrogen in Relation to Milk Production Traits. <i>Journal of Dairy Science</i> , 2007, 90, 1981-1986.	1.4	104
132	The CHRNE 470del20 mutation causing congenital myasthenic syndrome in South African Brahman cattle: Prevalence, origin, and association with performance traits. <i>Journal of Animal Science</i> , 2007, 85, 604-609.	0.2	8
133	<i>DGAT1</i> underlies large genetic variation in milk fat composition of dairy cows. <i>Animal Genetics</i> , 2007, 38, 467-473.	0.6	179
134	Population structure, genetic variation and morphological diversity in indigenous sheep of Ethiopia. <i>Animal Genetics</i> , 2007, 38, 621-628.	0.6	131
135	Genetic variation in aggression-related traits in Golden Retriever dogs. <i>Applied Animal Behaviour Science</i> , 2007, 104, 95-106.	0.8	84
136	Genetic and phenotypic parameters of body weight in West African Dwarf goat and Djallonké sheep. <i>Small Ruminant Research</i> , 2007, 67, 271-278.	0.6	68
137	Estimates of genetic parameters and genetic trends for live weight and fleece traits in Menz sheep. <i>Small Ruminant Research</i> , 2007, 70, 145-153.	0.6	88
138	Multilevel Selection 1: Quantitative Genetics of Inheritance and Response to Selection. <i>Genetics</i> , 2007, 175, 277-288.	1.2	279
139	Genetic variation among broiler genotypes in susceptibility to colibacillosis. <i>Poultry Science</i> , 2006, 85, 415-421.	1.5	25
140	Optimization of Dairy Cattle Breeding Programs for Different Environments with Genotype by Environment Interaction. <i>Journal of Dairy Science</i> , 2006, 89, 1740-1752.	1.4	113
141	Heritability estimates and response to selection for growth of Nile tilapia (<i>Oreochromis niloticus</i>) in low-input earthen ponds. <i>Aquaculture</i> , 2006, 261, 479-486.	1.7	90
142	Linear model vs. survival analysis for genetic evaluation of sires for longevity in Chianina beef cattle. <i>Livestock Science</i> , 2006, 101, 191-198.	0.6	16
143	Bayesian reanalysis of a quantitative trait locus accounting for multiple environments by scaling in broilers. <i>Journal of Animal Science</i> , 2006, 84, 2009-2021.	0.2	0
144	Changes in disease gene frequency over time with differential genotypic fitness and various control strategies. <i>Journal of Animal Science</i> , 2006, 84, 2629-2635.	0.2	21

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145	Successes and failures of small ruminant breeding programmes in the tropics: a review. <i>Small Ruminant Research</i> , 2006, 61, 13-28.	0.6	193
146	Reproductive performance and mortality rate in Menz and Horro sheep following controlled breeding in Ethiopia. <i>Small Ruminant Research</i> , 2006, 63, 297-303.	0.6	27
147	Suitability for field service in 4 breeds of guide dogs. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2006, 1, 67-74.	0.5	31
148	Defining susceptibility of broiler chicks to colibacillosis. <i>Avian Pathology</i> , 2006, 35, 147-153.	0.8	23
149	Estimating Relatedness Between Individuals in General Populations With a Focus on Their Use in Conservation Programs. <i>Genetics</i> , 2006, 173, 483-496.	1.2	125
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