

Johan van Arendonk

List of Publications by Year in descending order

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249
papers

11,928
citations

17405

63
h-index

40881

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. <i>Genetics</i> , 2007, 175, 277-288.	1.2	279
2	Detection of Quantitative Trait Loci for Backfat Thickness and Intramuscular Fat Content in Pigs (<i>Sus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	276
3	The role of genetic factors in age at natural menopause. <i>Human Reproduction</i> , 2001, 16, 2014-2018.	0.4	269
4	Genome-wide scan for body composition in pigs reveals important role of imprinting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7947-7950.	3.3	264
5	The Host Defense Proteome of Human and Bovine Milk. <i>PLoS ONE</i> , 2011, 6, e19433.	1.1	210
6	Quantitative Trait Loci Analysis for Five Milk Production Traits on Chromosome <i><i>Six</i></i> in the Dutch Holstein-Friesian Population. <i>Genetics</i> , 1996, 144, 1799-1807.	1.2	198
7	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
8	Estimation of effects of single genes on quantitative traits. <i>Journal of Animal Science</i> , 1992, 70, 2000-2012.	0.2	196
9	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
10	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
11	Multilevel Selection 2: Estimating the Genetic Parameters Determining Inheritance and Response to Selection. <i>Genetics</i> , 2007, 175, 289-299.	1.2	183
12	<i><i>DGAT1</i></i> underlies large genetic variation in milk fat composition of dairy cows. <i>Animal Genetics</i> , 2007, 38, 467-473.	0.6	179
13	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
14	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
15	Genetic aspects of feed intake and efficiency in lactating dairy heifers. <i>Livestock Science</i> , 1991, 29, 263-275.	1.2	160
16	Estimation of genetic parameters for fat deposition and carcass traits in broilers. <i>Poultry Science</i> , 2004, 83, 521-525.	1.5	153
17	Associations Between Milk Protein Polymorphisms and Milk Production Traits. <i>Journal of Dairy Science</i> , 1992, 75, 2549-2559.	1.4	146
18	Whole Genome Scan to Detect Quantitative Trait Loci for Conformation and Functional Traits in Dairy Cattle. <i>Journal of Dairy Science</i> , 2000, 83, 795-806.	1.4	137

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19	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
20	Population structure, genetic variation and morphological diversity in indigenous sheep of Ethiopia. <i>Animal Genetics</i> , 2007, 38, 621-628.	0.6	131
21	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
22	Studies on the replacement policies in dairy cattle. II. Optimum policy and influence of changes in production and prices. <i>Livestock Science</i> , 1985, 13, 101-121.	1.2	115
23	Whole genome scan in chickens for quantitative trait loci affecting growth and feed efficiency. <i>Poultry Science</i> , 1999, 78, 15-23.	1.5	114
24	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
25	Detection and characterization of quantitative trait loci for growth and reproduction traits in pigs. <i>Livestock Science</i> , 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. <i>Journal of Dairy Science</i> , 2009, 92, 6202-6209.	1.4	106
28	Small ruminant production in smallholder and pastoral/extensive farming systems in Kenya. <i>Small Ruminant Research</i> , 2008, 77, 11-24.	0.6	105
29	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
30	Fine mapping and imprinting analysis for fatness trait QTLs in pigs. <i>Mammalian Genome</i> , 2000, 11, 656-661.	1.0	103
31	Potential Improvements in Rate of Genetic Gain from Marker-Assisted Selection in Dairy Cattle Breeding Schemes. <i>Journal of Dairy Science</i> , 1992, 75, 1651-1659.	1.4	93
32	Genetic parameters for major milk proteins in Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2009, 92, 1182-1191.	1.4	93
33	Genetic parameters for various random regression models to describe the weight data of pigs. <i>Journal of Animal Science</i> , 2002, 80, 575-582.	0.2	92
34	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
35	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
36	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

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37	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
38	Whole-genome association study for milk protein composition in dairy cattle. <i>Journal of Dairy Science</i> , 2011, 94, 3148-3158.	1.4	89
39	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
40	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
41	Genetic and Phenotypic Correlations Between Feather Pecking and Open-Field Response in Laying Hens at Two Different Ages. <i>Behavior Genetics</i> , 2004, 34, 407-415.	1.4	86
42	Genetic variation in aggression-related traits in Golden Retriever dogs. <i>Applied Animal Behaviour Science</i> , 2007, 104, 95-106.	0.8	84
43	Whole genome scan for quantitative trait loci affecting body weight in chickens using a three generation design. <i>Livestock Science</i> , 1998, 54, 133-150.	1.2	83
44	Direct, maternal and nurse sow genetic effects on farrowing-, pre-weaning- and total piglet survival. <i>Livestock Science</i> , 2002, 73, 153-164.	1.2	82
45	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
46	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
47	Studies on the replacement policies in dairy cattle. III. Influence of variation in reproduction and production. <i>Livestock Science</i> , 1985, 13, 333-349.	1.2	77
48	Short- and Long-Term Production Losses and Repeatability of Clinical Mastitis in Dairy Cattle. <i>Journal of Dairy Science</i> , 1993, 76, 2561-2578.	1.4	75
49	A whole-genome scan for quantitative trait loci affecting teat number in pigs. <i>Journal of Animal Science</i> , 2001, 79, 2320.	0.2	75
50	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
51	Predicting bovine milk protein composition based on Fourier transform infrared spectra. <i>Journal of Dairy Science</i> , 2011, 94, 5683-5690.	1.4	74
52	Whole genome scan in chickens for quantitative trait loci affecting carcass traits. <i>Poultry Science</i> , 1999, 78, 1091-1099.	1.5	72
53	Phenotypic and genetic association between fertility and production in dairy cows. <i>Livestock Science</i> , 1989, 21, 1-12.	1.2	71
54	Optimizing selection for quantitative traits with information on an identified locus in outbred populations. <i>Genetical Research</i> , 1998, 71, 257-275.	0.3	70

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55	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
56	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
57	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
58	A model to estimate the performance, revenues and costs of dairy cows under different production and price situations. <i>Agricultural Systems</i> , 1985, 16, 157-189.	3.2	67
59	Use of Profit Equations to Determine Relative Economic Value of Dairy Cattle Herd Life and Production from Field Data. <i>Journal of Dairy Science</i> , 1991, 74, 1101-1107.	1.4	67
60	Criteria to assess the degree of endangerment of livestock breeds in Europe. <i>Livestock Science</i> , 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. <i>Animal Science</i> , 1998, 66, 529-542.	1.3	66
62	Modeling Extended Lactations of Dairy Cows. <i>Journal of Dairy Science</i> , 2000, 83, 1371-1380.	1.4	66
63	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
64	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
65	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
66	Genetic relationships between feed intake, efficiency and production traits in growing bulls, growing heifers and lactating heifers. <i>Livestock Science</i> , 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. <i>Applied Animal Behaviour Science</i> , 2008, 109, 292-305.	0.8	61
68	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
69	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
70	Direct and maternal genetic effects for ascites-related traits in broilers. <i>Poultry Science</i> , 2002, 81, 1273-1279.	1.5	56
71	Novel polymorphisms in the bovine <i>α₂-lactoglobulin</i> gene and their effects on <i>α₂-lactoglobulin</i> protein concentration in milk. <i>Animal Genetics</i> , 2009, 40, 127-133.	0.6	56
72	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

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73	Economic values for traits of meat sheep in medium to high production potential areas of the tropics. <i>Small Ruminant Research</i> , 2003, 50, 187-202.	0.6	53
74	Influence of Production and Prices on Optimum Culling Rates and Annualized Net Revenue. <i>Journal of Dairy Science</i> , 1988, 71, 3453-3462.	1.4	52
75	Genetic parameters for feed intake and feed efficiency in growing dairy heifers. <i>Livestock Science</i> , 1991, 29, 49-59.	1.2	52
76	Optimizing Model: Insemination, Replacement, Seasonal Production, and Cash Flow. <i>Journal of Dairy Science</i> , 1992, 75, 885-896.	1.4	52
77	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
78	Influence of Involuntary Culling on Optimum Culling Rates and Annualized Net Revenue. <i>Journal of Dairy Science</i> , 1988, 71, 3463-3469.	1.4	50
79	Estimation of direct and maternal genetic (co) variances for survival within litters of piglets. <i>Livestock Science</i> , 1996, 46, 163-171.	1.2	49
80	Genetic parameters of ascites-related traits in broilers: correlations with feed efficiency and carcass traits. <i>British Poultry Science</i> , 2005, 46, 43-53.	0.8	47
81	Prediction of additive and dominance effects in selected or unselected populations with inbreeding. <i>Theoretical and Applied Genetics</i> , 1992, 84-84, 451-459.	1.8	46
82	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
83	Genetic Parameters for Cystic Ovarian Disease in Dutch Black and White Dairy Cattle. <i>Journal of Dairy Science</i> , 2001, 84, 286-291.	1.4	45
84	The X Chromosome harbors quantitative trait loci for backfat thickness and intramuscular fat content in pigs. <i>Mammalian Genome</i> , 2000, 11, 800-802.	1.0	44
85	Dairy cattle production in Europe. <i>Theriogenology</i> , 2003, 59, 563-569.	0.9	43
86	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
87	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
88	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
89	Economic values for traits in breeding objectives for sheep in the tropics: impact of tangible and intangible benefits. <i>Livestock Science</i> , 2004, 88, 143-160.	1.2	41
90	Derivation of economic values for veal, beef and milk production traits using profit equations. <i>Livestock Science</i> , 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 (<i>Oreochromis niloticus</i>) selected for growth in low-input earthen ponds. <i>Aquaculture</i> , 2007, 273, 15-23.	1.7	40
92	Management Guides for Insemination and Replacement Decisions. <i>Journal of Dairy Science</i> , 1988, 71, 1050-1057.	1.4	39
93	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
94	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
95	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
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. <i>Journal of Dairy Science</i> , 2010, 93, 4872-4882.	1.4	37
97	Nitrogen excretion at different stages of growth and its association with production traits in growing pigs ¹ . <i>Journal of Animal Science</i> , 2012, 90, 1756-1765.	0.2	37
98	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
99	Factors affecting commercial application of embryo technologies in dairy cattle in Europe—a modelling approach. <i>Theriogenology</i> , 2003, 59, 635-649.	0.9	35
100	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
101	Heat stress effects on farrowing rate in sows: Genetic parameter estimation using within-line and crossbred models ¹ . <i>Journal of Animal Science</i> , 2012, 90, 2109-2119.	0.2	35
102	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
103	The Imprinted Gene DIO3 Is a Candidate Gene for Litter Size in Pigs. <i>PLoS ONE</i> , 2012, 7, e31825.	1.1	35
104	Genetic Progress in Multistage Dairy Cattle Breeding Schemes Using Genetic Markers. <i>Journal of Dairy Science</i> , 2005, 88, 1569-1581.	1.4	34
105	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
106	Studies on the replacement policies in dairy cattle. IV. Influence of seasonal variation in performance and prices. <i>Livestock Science</i> , 1986, 14, 15-28.	1.2	33
107	Estimation of Milk Protein Gene Frequencies in Crossbred Cattle by Maximum Likelihood. <i>Journal of Dairy Science</i> , 1991, 74, 2728-2736.	1.4	33
108	Genetic parameters for linear type traits in Shetland Ponies. <i>Livestock Science</i> , 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. <i>Livestock Science</i> , 2002, 75, 101-116.	1.2	33
110	Comparison of information content for microsatellites and SNPs in poultry and cattle. <i>Animal Genetics</i> , 2008, 39, 451-453.	0.6	33
111	Genome-wide association study to identify chromosomal regions associated with antibody response to <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in milk of Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2012, 95, 2740-2748.	1.4	33
112	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
113	Optimal village breeding schemes under smallholder sheep farming systems. <i>Livestock Science</i> , 2009, 124, 82-88.	0.6	32
114	Effects of relatedness and inbreeding on reproductive success of Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overclock 10 Tf,50 542 Td	1.7	32
115	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
116	Dynamic probabilistic modelling of reproduction and replacement management in sow herds. General aspects and model description. <i>Agricultural Systems</i> , 1992, 39, 133-152.	3.2	31
117	Genetic mapping of quantitative trait loci affecting susceptibility in chicken to develop pulmonary hypertension syndrome. <i>Animal Genetics</i> , 2005, 36, 468-476.	0.6	31
118	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
119	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
120	Variation among sows in response to porcine reproductive and respiratory syndrome1. <i>Journal of Animal Science</i> , 2014, 92, 95-105.	0.2	31
121	Genetic gain of pure line selection and combined crossbred purebred selection with constrained inbreeding. <i>Animal Science</i> , 2001, 72, 225-232.	1.3	31
122	Utilisation of genetic variation by marker assisted selection in commercial dairy cattle populations. <i>Livestock Science</i> , 1999, 59, 51-60.	1.2	30
123	Genetic parameters of ascites-related traits in broilers: effect of cold and normal temperature conditions. <i>British Poultry Science</i> , 2005, 46, 35-42.	0.8	30
124	Heritability and repeatability of insect bite hypersensitivity in Dutch Shetland breeding mares1. <i>Journal of Animal Science</i> , 2009, 87, 484-490.	0.2	30
125	QTL Mapping in chicken using a three generation full sib family structure of an extreme broiler X broiler cross. <i>Animal Biotechnology</i> , 1997, 8, 41-46.	0.7	29
126	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

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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. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 88-94.	0.5	29
128	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
129	Effect of match or mismatch of maternal offspring nutritional environment on the development of offspring in broiler chickens. <i>Animal</i> , 2011, 5, 741-748.	1.3	29
130	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
131	Genome-wide association study for behavior, type traits, and muscular development in Charolais beef cattle. <i>Journal of Animal Science</i> , 2016, 94, 2307-2316.	0.2	29
132	Economic Appraisal of the Utilization of Genetic Markers in Dairy Cattle Breeding. <i>Journal of Dairy Science</i> , 1993, 76, 1204-1213.	1.4	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. <i>Poultry Science</i> , 2010, 89, 1842-1849.	1.5	28
135	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
136	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
137	Whole genome scan to detect quantitative trait loci for bovine milk protein composition. <i>Animal Genetics</i> , 2009, 40, 524-537.	0.6	27
138	Strategies to optimize marker-assisted introgression of multiple unlinked QTL. <i>Mammalian Genome</i> , 2000, 11, 145-150.	1.0	26
139	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
140	Genetic parameters of insect bite hypersensitivity in Dutch Friesian broodmares. <i>Journal of Animal Science</i> , 2011, 89, 1286-1293.	0.2	26
141	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
142	Parameter Estimation of Milk Yield and Composition for 305 Days and Peak Production. <i>Journal of Dairy Science</i> , 1989, 72, 1534-1539.	1.4	25
143	Feed intake, body weight and milk production: genetic analysis of different measurements in lactating dairy heifers. <i>Livestock Science</i> , 1993, 37, 37-51.	1.2	25
144	Genetic variation among broiler genotypes in susceptibility to colibacillosis. <i>Poultry Science</i> , 2006, 85, 415-421.	1.5	25

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145	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
146	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
147	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
148	Dynamic probabilistic simulation of dairy herd management practices. I. Model description and outcome of different seasonal calving patterns. <i>Livestock Science</i> , 1993, 37, 107-131.	1.2	24
149	Effect of Inaccurate Parameter Estimates on Genetic Response to Marker-Assisted Selection in an Outbred Population. <i>Journal of Dairy Science</i> , 1997, 80, 3399-3410.	1.4	24
150	Genetic analysis of the service sire effect on litter size in swine. <i>Livestock Science</i> , 1999, 58, 91-94.	1.2	24
151	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
152	Factors determining the carcass value of culled dairy cows. <i>Livestock Science</i> , 1984, 11, 391-400.	1.2	23
153	Defining susceptibility of broiler chicks to colibacillosis. <i>Avian Pathology</i> , 2006, 35, 147-153.	0.8	23
154	Detection and mapping of quantitative trait loci in farm animals. <i>Livestock Science</i> , 1997, 52, 135-144.	1.2	22
155	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
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