

# Johan van Arendonk

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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.   | 1.6 | 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.  | 1.2 | 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.            | 3.4 | 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.       | 3.4 | 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.   | 3.4 | 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.   | 2.6 | 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. | 2.0 | 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.  | 2.0 | 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.                            | 2.0 | 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.   | 2.0 | 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.  | 0.5 | 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.     | 3.5 | 57        |
| 13 | Comparison of different poultry breeds under station and on-farm conditions in Ethiopia. <i>Livestock Science</i> , 2016, 183, 72-77.   | 1.6 | 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.               | 3.4 | 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. | 9.3 | 55        |
| 16 | Breeding objectives for sheep should be customised depending on variation in pasture growth across years. <i>Animal</i> , 2015, 9, 1268-1277.   | 3.3 | 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.   | 0.5 | 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.   | 2.0 | 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.                                     | 3.4 | 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.   | 3.4 | 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. | 3.4 | 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.          | 3.4 | 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.  | 3.4 | 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.   | 3.4 | 26        |
| 25 | High natural antibody titers of indigenous chickens are related with increased hazard in confinement. <i>Poultry Science</i> , 2015, 94, 1493-1498.  | 3.4 | 22        |
| 26 | Variation among sows in response to porcine reproductive and respiratory syndrome1. <i>Journal of Animal Science</i> , 2014, 92, 95-105.   | 0.5 | 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.   | 2.3 | 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.                            | 2.0 | 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.   | 3.4 | 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.               | 2.0 | 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.  | 3.3 | 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.  | 3.4 | 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.                               | 3.4 | 14        |
| 35 | Accuracy of genomic prediction when combining two related crossbred populations1. <i>Journal of Animal Science</i> , 2014, 92, 4342-4348.  | 0.5 | 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.   | 3.4 | 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.   | 6.1 | 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.                                | 1.4 | 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.   | 1.6 | 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.                      | 3.4 | 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.                             | 3.5 | 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.                   | 3.5 | 18        |
| 44 | Genetic parameters for natural antibody isotype titers in milk of Dutch Holstein-Friesians. <i>Animal Genetics</i> , 2013, 44, 485-492.   | 1.7 | 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.  | 3.4 | 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.  | 1.7 | 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. | 3.5 | 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.                        | 3.4 | 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.   | 2.6 | 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. | 1.7 | 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.               | 0.5 | 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.                   | 0.5 | 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.   | 2.5 | 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.                 | 3.4 | 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.  | 3.4 | 28        |
| 56 | Short communication: A new bovine milk-protein variant: $\beta$ -Lactalbumin variant D. <i>Journal of Dairy Science</i> , 2012, 95, 2165-2169.  | 3.4 | 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. | 3.4 | 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.              | 3.4 | 7         |
| 60 | Heat stress effects on farrowing rate in sows: Genetic parameter estimation using within-line and crossbred models <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2109-2119.   | 0.5 | 35        |
| 61 | Nitrogen excretion at different stages of growth and its association with production traits in growing pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 1756-1765.  | 0.5 | 37        |
| 62 | The Imprinted Gene DIO3 Is a Candidate Gene for Litter Size in Pigs. <i>PLoS ONE</i> , 2012, 7, e31825.   | 2.5 | 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.                              | 1.2 | 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.   | 3.4 | 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.  | 3.4 | 29        |
| 66 | Whole-genome association study for milk protein composition in dairy cattle. <i>Journal of Dairy Science</i> , 2011, 94, 3148-3158.   | 3.4 | 89        |
| 67 | Prediction of $\beta$ -lactoglobulin genotypes based on milk Fourier transform infrared spectra. <i>Journal of Dairy Science</i> , 2011, 94, 4183-4188.   | 3.4 | 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.   | 3.4 | 16        |
| 69 | Predicting bovine milk protein composition based on Fourier transform infrared spectra. <i>Journal of Dairy Science</i> , 2011, 94, 5683-5690.  | 3.4 | 74        |
| 70 | Genome Scan for Parent-of-Origin QTL Effects on Bovine Growth and Carcass Traits. <i>Frontiers in Genetics</i> , 2011, 2, 44.   | 2.3 | 51        |
| 71 | The Host Defense Proteome of Human and Bovine Milk. <i>PLoS ONE</i> , 2011, 6, e19433.  | 2.5 | 210       |
| 72 | Effect of match or mismatch of maternalâ€œoffspring nutritional environment on the development of offspring in broiler chickens. <i>Animal</i> , 2011, 5, 741-748.  | 3.3 | 29        |

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|----|---|-----|-----------|
| 73 | Association of bovine $\beta$ -casein protein variant I with milk production and milk protein composition. <i>Animal Genetics</i> , 2011, 42, 212-218.  | 1.7 | 36        |
| 74 | East Asian contributions to Dutch traditional and western commercial chickens inferred from mtDNA analysis. <i>Animal Genetics</i> , 2011, 42, 125-133.   | 1.7 | 32        |
| 75 | Meta-analysis of results from quantitative trait loci mapping studies on pig chromosome 4. <i>Animal Genetics</i> , 2011, 42, 280-292.  | 1.7 | 17        |
| 76 | The role of reproductive technologies in breeding schemes for livestock populations in developing countries. <i>Livestock Science</i> , 2011, 136, 29-37.   | 1.6 | 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.  | 1.4 | 90        |
| 78 | Across-line SNP association study for (innate) immune and behavioral traits in laying hens. <i>BMC Proceedings</i> , 2011, 5, S18.  | 1.6 | 3         |
| 79 | Genetic parameters of insect bite hypersensitivity in Dutch Friesian broodmares <sup>1</sup> . <i>Journal of Animal Science</i> , 2011, 89, 1286-1293.  | 0.5 | 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.  | 2.1 | 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. | 1.4 | 88        |
| 82 | Genome-wide SNP association-based localization of a dwarfism gene in Friesian dwarf horses. <i>Animal Genetics</i> , 2010, 41, 2-7.   | 1.7 | 31        |
| 83 | Across-line SNP association study of innate and adaptive immune response in laying hens. <i>Animal Genetics</i> , 2010, 41, 26-38.  | 1.7 | 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.  | 2.9 | 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.  | 3.4 | 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.   | 3.4 | 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.   | 3.4 | 9         |
| 89 | Participatory definition of breeding objectives and selection indexes for sheep breeding in traditional systems. <i>Livestock Science</i> , 2010, 128, 67-74.   | 1.6 | 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.  | 3.5 | 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.   | 3.5 | 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.  | 3.4 | 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. | 3.4 | 37        |
| 94  | Genetic variables of various manifestations of osteochondrosis and their correlations between and within joints in Dutch warmblood horses1. <i>Journal of Animal Science</i> , 2009, 87, 1906-1912.  | 0.5 | 39        |
| 95  | Heritability and repeatability of insect bite hypersensitivity in Dutch Shetland breeding mares1. <i>Journal of Animal Science</i> , 2009, 87, 484-490.  | 0.5 | 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.   | 0.1 | 5         |
| 97  | Genetic and phenotypic relationships between blood gas parameters and ascites-related traits in broilers. <i>Poultry Science</i> , 2009, 88, 483-490.  | 3.4 | 19        |
| 98  | Whole genome scan to detect quantitative trait loci for bovine milk protein composition. <i>Animal Genetics</i> , 2009, 40, 524-537.   | 1.7 | 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.  | 1.7 | 134       |
| 100 | Novel polymorphisms in the bovine <i>Î²-lactoglobulin</i> gene and their effects on <i>Î²-lactoglobulin</i> protein concentration in milk. <i>Animal Genetics</i> , 2009, 40, 127-133.   | 1.7 | 56        |
| 101 | Optimal village breeding schemes under smallholder sheep farming systems. <i>Livestock Science</i> , 2009, 124, 82-88.   | 1.6 | 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.  | 3.5 | 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   | 3.5 | 32        |
| 104 | Effects of milk protein variants on the protein composition of bovine milk. <i>Journal of Dairy Science</i> , 2009, 92, 1192-1202.   | 3.4 | 197       |
| 105 | Genetic parameters for major milk proteins in Dutch Holstein-Friesians. <i>Journal of Dairy Science</i> , 2009, 92, 1182-1191.   | 3.4 | 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.  | 3.4 | 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.  | 3.4 | 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.  | 3.4 | 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.                                       | 3.4 | 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.  | 3.4 | 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. | 3.4 | 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.                                    | 3.4 | 106       |
| 113 | Scenarios for a future dairy chain in the Netherlands. <i>Njas - Wageningen Journal of Life Sciences</i> , 2009, 56, 301-323.  | 7.7 | 13        |
| 114 | Biphasic survival analysis of trypanotolerance QTL in mice. <i>Heredity</i> , 2008, 100, 407-414.  | 2.6 | 2         |
| 115 | Comparison of information content for microsatellites and SNPs in poultry and cattle. <i>Animal Genetics</i> , 2008, 39, 451-453.  | 1.7 | 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.                                  | 1.9 | 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.                    | 1.9 | 90        |
| 118 | Small ruminant production in smallholder and pastoral/extensive farming systems in Kenya. <i>Small Ruminant Research</i> , 2008, 77, 11-24.  | 1.2 | 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.  | 3.4 | 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.   | 1.6 | 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.   | 3.4 | 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.      | 3.4 | 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.          | 3.4 | 16        |
| 124 | Estimation of variance components and prediction of breeding values using pooled data <sup>1</sup> . <i>Journal of Animal Science</i> , 2008, 86, 2845-2852.   | 0.5 | 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.                          | 3.0 | 15        |
| 126 | Multilevel Selection 2: Estimating the Genetic Parameters Determining Inheritance and Response to Selection. <i>Genetics</i> , 2007, 175, 289-299.   | 2.9 | 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.   | 3.5 | 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.  | 3.5 | 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.  | 1.6 | 26        |
| 130 | Consequences of Selection for Yield Traits on Calving Ease Performance. <i>Journal of Dairy Science</i> , 2007, 90, 2497-2505.   | 3.4 | 10        |
| 131 | Genetic Parameters for Milk Urea Nitrogen in Relation to Milk Production Traits. <i>Journal of Dairy Science</i> , 2007, 90, 1981-1986.  | 3.4 | 104       |
| 132 | The CHRNE 470del20 mutation causing congenital myasthenic syndrome in South African Brahman cattle: Prevalence, origin, and association with performance traits <sup>1</sup> . <i>Journal of Animal Science</i> , 2007, 85, 604-609. | 0.5 | 8         |
| 133 | <i>DGAT1</i> underlies large genetic variation in milkâ€fat composition of dairy cows. <i>Animal Genetics</i> , 2007, 38, 467-473.   | 1.7 | 179       |
| 134 | Population structure, genetic variation and morphological diversity in indigenous sheep of Ethiopia. <i>Animal Genetics</i> , 2007, 38, 621-628.   | 1.7 | 131       |
| 135 | Genetic variation in aggression-related traits in Golden Retriever dogs. <i>Applied Animal Behaviour Science</i> , 2007, 104, 95-106.  | 1.9 | 84        |
| 136 | Genetic and phenotypic parameters of body weight in West African Dwarf goat and DjallonkÃ© sheep. <i>Small Ruminant Research</i> , 2007, 67, 271-278.  | 1.2 | 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.  | 1.2 | 88        |
| 138 | Multilevel Selection 1: Quantitative Genetics of Inheritance and Response to Selection. <i>Genetics</i> , 2007, 175, 277-288.  | 2.9 | 279       |
| 139 | Genetic variation among broiler genotypes in susceptibility to colibacillosis. <i>Poultry Science</i> , 2006, 85, 415-421.   | 3.4 | 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.   | 3.4 | 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.  | 3.5 | 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.   | 1.6 | 16        |
| 143 | Bayesian reanalysis of a quantitative trait locus accounting for multiple environments by scaling in broilers <sup>1</sup> . <i>Journal of Animal Science</i> , 2006, 84, 2009-2021.   | 0.5 | 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.  | 0.5 | 21        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Successes and failures of small ruminant breeding programmes in the tropics: a review. Small Ruminant Research, 2006, 61, 13-28.   | 1.2 | 193       |
| 146 | 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        |
| 147 | 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        |
| 148 | Defining susceptibility of broiler chicks to colibacillosis. Avian Pathology, 2006, 35, 147-153.   | 2.0 | 23        |
| 149 | Estimating Relatedness Between Individuals in General Populations With a Focus on Their Use in Conservation Programs. Genetics, 2006, 173, 483-496.  | 2.9 | 125       |
| 150 | Genetic mapping of quantitative trait loci affecting susceptibility in chicken to develop pulmonary hypertension syndrome. Animal Genetics, 2005, 36, 468-476.   | 1.7 | 31        |
| 151 | Marker-assisted introgression of Trypanotolerance QTL in mice. Mammalian Genome, 2005, 16, 112-119.  | 2.2 | 19        |
| 152 | Modelos alternativos para detec  o de locos de caracter  sticas quantitativas (QTL) de carca  a e crescimento nos cromossomos 4, 5 e 7 de su  os. Revista Brasileira De Zootecnia, 2005, 34, 1540-1552.                      | 0.8 | 4         |
| 153 | Compara  o de diferentes estrat  gias para a an  lise de caracter  sticas de crescimento e de carca  a de su  os cruzados: modelos finito e infinitesimal polig  nico. Revista Brasileira De Zootecnia, 2005, 34, 1531-1539. | 0.8 | 3         |
| 154 | Genetic parameters of ascites-related traits in broilers: correlations with feed efficiency and carcass traits. British Poultry Science, 2005, 46, 43-53.  | 1.7 | 47        |
| 155 | Broiler breeding strategies using indirect carcass measurements. Poultry Science, 2005, 84, 1214-1221.   | 3.4 | 12        |
| 156 | Genetic Progress in Multistage Dairy Cattle Breeding Schemes Using Genetic Markers. Journal of Dairy Science, 2005, 88, 1569-1581.   | 3.4 | 34        |
| 157 | Evaluation of Closed Adult Nucleus Multiple Ovulation and Embryo Transfer and Conventional Progeny Testing Breeding Schemes for Milk Production in Tropical Crossbred Cattle. Journal of Dairy Science, 2005, 88, 1582-1594. | 3.4 | 12        |
| 158 | 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        |
| 159 | Efficiency of population structures for mapping of Mendelian and imprinted quantitative trait loci in outbred pigs using variance component methods. Genetics Selection Evolution, 2005, 37, 635-655.                        | 3.0 | 2         |
| 160 | A comparison of two methods for prediction of response and rates of inbreeding in selected populations with the results obtained in two selection experiments. Genetics Selection Evolution, 2005, 37, 273-289.              | 3.0 | 0         |
| 161 | Estimation of genetic parameters for fat deposition and carcass traits in broilers. Poultry Science, 2004, 83, 521-525.  | 3.4 | 153       |
| 162 | Genetic parameters for daily feed intake patterns of growing Dutch Landrace gilts. Livestock Science, 2004, 87, 221-228.   | 1.2 | 9         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | 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        |
| 164 | Criteria to assess the degree of endangerment of livestock breeds in Europe. <i>Livestock Science</i> , 2004, 91, 173-182.  | 1.2 | 67        |
| 165 | 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.                       | 2.1 | 86        |
| 166 | Genetic Comparison of Breeding Schemes Based on Semen Importation and Local Breeding Schemes: Framework and Application to Costa Rica. <i>Journal of Dairy Science</i> , 2004, 87, 1496-1505. | 3.4 | 17        |
| 167 | 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.                                     | 1.2 | 53        |
| 168 | Population parameters for traits defining trypanotolerance in an F2 cross of Nâ€™Dama and Boran cattle. <i>Livestock Science</i> , 2003, 84, 219-230.   | 1.2 | 9         |
| 169 | Dairy cattle production in Europe. <i>Theriogenology</i> , 2003, 59, 563-569.   | 2.1 | 43        |
| 170 | Factors affecting commercial application of embryo technologies in dairy cattle in Europeâ€™a modelling approach. <i>Theriogenology</i> , 2003, 59, 635-649.                                  | 2.1 | 35        |
| 171 | Combining Traditional Breeding and Genomics to Improve Pork Quality. <i>Outlook on Agriculture</i> , 2003, 32, 235-239.   | 3.4 | 2         |
| 172 | Direct and maternal genetic effects for ascites-related traits in broilers. <i>Poultry Science</i> , 2002, 81, 1273-1279.   | 3.4 | 56        |
| 173 | Genome Scan Reveals New Coat Color Loci in Exotic Pig Cross. , 2002, 93, 1-8.   |     | 28        |
| 174 | SelAction: Software to Predict Selection Response and Rate of Inbreeding in Livestock Breeding Programs. , 2002, 93, 456-458.   |     | 106       |
| 175 | Genetic parameters for various random regression models to describe the weight data of pigs. <i>Journal of Animal Science</i> , 2002, 80, 575-582.  | 0.5 | 92        |
| 176 | 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        |
| 177 | Economic values for production and functional traits in Holstein cattle of Costa Rica. <i>Livestock Science</i> , 2002, 75, 101-116.  | 1.2 | 33        |
| 178 | Genetic Parameters for Cystic Ovarian Disease in Dutch Black and White Dairy Cattle. <i>Journal of Dairy Science</i> , 2001, 84, 286-291.   | 3.4 | 45        |
| 179 | Impact of Area and Sire by Herd Interaction on Heritability Estimates for Somatic Cell Count in Italian Holstein Friesian Cows. <i>Journal of Dairy Science</i> , 2001, 84, 2555-2559.        | 3.4 | 8         |
| 180 | A whole-genome scan for quantitative trait loci affecting teat number in pigs.. <i>Journal of Animal Science</i> , 2001, 79, 2320.  | 0.5 | 75        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | Interactions between optimal replacement policies and feeding strategies in dairy herds. Livestock Science, 2001, 69, 17-31.  | 1.2 | 13        |
| 182 | Genetic relationship of meat and milk production in Finnish Ayrshire. Livestock Science, 2001, 69, 1-8.   | 1.2 | 3         |
| 183 | Detection and characterization of quantitative trait loci for growth and reproduction traits in pigs. Livestock Science, 2001, 72, 185-198.   | 1.2 | 112       |
| 184 | The role of genetic factors in age at natural menopause. Human Reproduction, 2001, 16, 2014-2018.   | 0.9 | 269       |
| 185 | Genetic gain of pure line selection and combined crossbred purebred selection with constrained inbreeding. Animal Science, 2001, 72, 225-232.   | 1.3 | 31        |
| 186 | Introgression of genes responsible for disease resistance in a cattle population selected for production: genetic and economic consequences. Animal Science, 2000, 70, 207-220.           | 1.3 | 5         |
| 187 | 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        |
| 188 | Economic evaluation of crossbreeding for dairy production in a pasture based production system in Kenya. Livestock Science, 2000, 65, 167-184.  | 1.2 | 16        |
| 189 | Strategies to optimize marker-assisted introgression of multiple unlinked QTL. Mammalian Genome, 2000, 11, 145-150.   | 2.2 | 26        |
| 190 | Fine mapping and imprinting analysis for fatness trait QTLs in pigs. Mammalian Genome, 2000, 11, 656-661.   | 2.2 | 103       |
| 191 | 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        |
| 192 | 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       |
| 193 | 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       |
| 194 | Modeling Extended Lactations of Dairy Cows. Journal of Dairy Science, 2000, 83, 1371-1380.  | 3.4 | 66        |
| 195 | Whole genome scan in chickens for quantitative trait loci affecting carcass traits. Poultry Science, 1999, 78, 1091-1099.   | 3.4 | 72        |
| 196 | Whole genome scan in chickens for quantitative trait loci affecting growth and feed efficiency. Poultry Science, 1999, 78, 15-23.   | 3.4 | 114       |
| 197 | A model for population growth of laboratory animals subjected to marker-assisted introgression: how many animals do we need?. Heredity, 1999, 82, 16-24.                                  | 2.6 | 8         |
| 198 | Utilisation of genetic variation by marker assisted selection in commercial dairy cattle populations. Livestock Science, 1999, 59, 51-60.   | 1.2 | 30        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 199 | Commission on animal genetics. Livestock Science, 1999, 60, 173-176.   | 1.2 | 1         |
| 200 | Relationships of body weight and carcass quality traits with first lactation milk production in Finnish Ayrshire cows. Livestock Science, 1999, 60, 271-279.   | 1.2 | 9         |
| 201 | Combining Selection for Carcass Quality, Body Weight, and Milk Traits in Dairy Cattle. Journal of Dairy Science, 1999, 82, 802-809.  | 3.4 | 5         |
| 202 | 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        |
| 203 | Genetic analysis of the service sire effect on litter size in swine. Livestock Science, 1999, 58, 91-94.   | 1.2 | 24        |
| 204 | Optimum replacement and insemination policies for crossbred cattle (Holstein Friesian×Zebu) in the south-east region of Brazil. Livestock Science, 1999, 58, 95-105.                                 | 1.2 | 10        |
| 205 | Mapping quantitative trait loci in a selectively genotyped outbred population using a mixture model approach. Genetical Research, 1999, 73, 75-83.   | 0.9 | 9         |
| 206 | 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       |
| 207 | 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        |
| 208 | Analysis of Test Day Yield Data of Costa Rican Dairy Cattle. Journal of Dairy Science, 1998, 81, 255-263.  | 3.4 | 16        |
| 209 | Influence of Production Circumstances and Economic Evaluation Criteria on Economic Comparison of Breeds and Breed Crosses. Journal of Dairy Science, 1998, 81, 2271-2279.                            | 3.4 | 13        |
| 210 | Event-Time Analysis of Reproductive Traits of Dairy Heifers. Journal of Dairy Science, 1998, 81, 2881-2889.  | 3.4 | 10        |
| 211 | 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        |
| 212 | Optimizing selection for quantitative traits with information on an identified locus in outbred populations. Genetical Research, 1998, 71, 257-275.  | 0.9 | 70        |
| 213 | Bayesian estimation of dispersion parameters with a reduced animal model including polygenic and QTL effects. Genetics Selection Evolution, 1998, 30, 103-125.                                       | 3.0 | 0         |
| 214 | 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        |
| 215 | 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        |
| 216 | 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        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 217 | Detection and mapping of quantitative trait loci in farm animals. <i>Livestock Science</i> , 1997, 52, 135-144.   | 1.2 | 22        |
| 218 | Benefit of multiple trait selection to increase reproductive traits: experimental evidence from golden hamsters.. <i>Journal of Animal Science</i> , 1997, 75, 3103.  | 0.5 | 8         |
| 219 | 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        |
| 220 | Quantitative Trait Loci Analysis for Five Milk Production Traits on Chromosome <i>6</i> in the Dutch Holstein-Friesian Population. <i>Genetics</i> , 1996, 144, 1799-1807.  | 2.9 | 198       |
| 221 | Covariance between relatives for a marked quantitative trait locus*. <i>Genetics Selection Evolution</i> , 1995, 27, 251-274.   | 3.0 | 8         |
| 222 | Computing approximate monogenic model likelihoods in large pedigrees with loops. <i>Genetics Selection Evolution</i> , 1995, 27, 567-579.   | 3.0 | 0         |
| 223 | Optimizing the Herd Calving Pattern with Linear Programming and Dynamic Probabilistic Simulation. <i>Journal of Dairy Science</i> , 1994, 77, 1719-1730.  | 3.4 | 9         |
| 224 | Stochastic simulation of dairy cattle nucleus breeding schemes: Influence of breeding strategy and biased breeding values in the population. <i>Journal of Animal Breeding and Genetics</i> , 1993, 110, 268-280. | 2.0 | 3         |
| 225 | Economic Appraisal of the Utilization of Genetic Markers in Dairy Cattle Breeding. <i>Journal of Dairy Science</i> , 1993, 76, 1204-1213.   | 3.4 | 28        |
| 226 | Short- and Long-Term Production Losses and Repeatability of Clinical Mastitis in Dairy Cattle. <i>Journal of Dairy Science</i> , 1993, 76, 2561-2578.   | 3.4 | 75        |
| 227 | 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        |
| 228 | Genetic parameters for linear type traits in Shetland Ponies. <i>Livestock Science</i> , 1993, 36, 273-284.   | 1.2 | 33        |
| 229 | 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        |
| 230 | 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        |
| 231 | Dynamic probabilistic simulation of dairy herd management practices. II. Comparison of strategies in order to change a herd's calving pattern. <i>Livestock Science</i> , 1993, 37, 133-152.                      | 1.2 | 11        |
| 232 | Divergent selection for humoral immune responsiveness in chickens: distribution and effects of major histocompatibility complex types. <i>Genetics Selection Evolution</i> , 1993, 25, 191-203.                   | 3.0 | 0         |
| 233 | Optimizing Model: Insemination, Replacement, Seasonal Production, and Cash Flow. <i>Journal of Dairy Science</i> , 1992, 75, 885-896.   | 3.4 | 52        |
| 234 | Associations Between Milk Protein Polymorphisms and Milk Production Traits. <i>Journal of Dairy Science</i> , 1992, 75, 2549-2559.  | 3.4 | 146       |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 235 | 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.             | 3.4 | 93        |
| 236 | Dynamic probabilistic modelling of reproduction and replacement management in sow herds. General aspects and model description. <i>Agricultural Systems</i> , 1992, 39, 133-152.   | 6.1 | 31        |
| 237 | An economic comparison of management strategies on reproduction and replacement in sow herds using a dynamic probabilistic model. <i>Livestock Science</i> , 1992, 32, 331-350.    | 1.2 | 20        |
| 238 | 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        |
| 239 | Estimation of effects of single genes on quantitative traits. <i>Journal of Animal Science</i> , 1992, 70, 2000-2012.  | 0.5 | 196       |
| 240 | Prediction of additive and dominance effects in selected or unselected populations with inbreeding. <i>Theoretical and Applied Genetics</i> , 1992, 84-84, 451-459.                | 3.6 | 46        |
| 241 | Stochastic simulation of dairy cattle breeding schemes: Genetic evaluation of nucleus size and type. <i>Journal of Animal Breeding and Genetics</i> , 1992, 109, 1-15.             | 2.0 | 9         |
| 242 | 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.      | 3.4 | 67        |
| 243 | Estimation of Milk Protein Gene Frequencies in Crossbred Cattle by Maximum Likelihood. <i>Journal of Dairy Science</i> , 1991, 74, 2728-2736.                                      | 3.4 | 33        |
| 244 | Genetic aspects of feed intake and efficiency in lactating dairy heifers. <i>Livestock Science</i> , 1991, 29, 263-275.  | 1.2 | 160       |
| 245 | Genetic parameters for feed intake and feed efficiency in growing dairy heifers. <i>Livestock Science</i> , 1991, 29, 49-59.   | 1.2 | 52        |
| 246 | Parameter Estimation of Milk Yield and Composition for 305 Days and Peak Production. <i>Journal of Dairy Science</i> , 1989, 72, 1534-1539.  | 3.4 | 25        |
| 247 | Phenotypic and genetic association between fertility and production in dairy cows. <i>Livestock Science</i> , 1989, 21, 1-12.  | 1.2 | 71        |
| 248 | Management Guides for Insemination and Replacement Decisions. <i>Journal of Dairy Science</i> , 1988, 71, 1050-1057.   | 3.4 | 39        |
| 249 | Influence of Production and Prices on Optimum Culling Rates and Annualized Net Revenue. <i>Journal of Dairy Science</i> , 1988, 71, 3453-3462.                                     | 3.4 | 52        |
| 250 | Influence of Involuntary Culling on Optimum Culling Rates and Annualized Net Revenue. <i>Journal of Dairy Science</i> , 1988, 71, 3463-3469.                                       | 3.4 | 50        |
| 251 | 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        |
| 252 | 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.            | 6.1 | 67        |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 253 | 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       |
| 254 | 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        |
| 255 | Factors determining the carcass value of culled dairy cows. Livestock Science, 1984, 11, 391-400.  | 1.2 | 23        |