

Lucia G Albuquerque

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

306
papers

4,232
citations

31
h-index

44
g-index

320
ext. papers

5,252
ext. citations

2
avg, IF

5.51
L-index

#	Paper	IF	Citations
306	Sustainable Intensification of Beef Production in the Tropics: The Role of Genetically Improving Sexual Precocity of Heifers.. <i>Animals</i> , 2022 , 12,	3.1	0
305	Signatures of selection in Nellore cattle revealed by whole-genome sequencing data.. <i>Genomics</i> , 2022 , 114, 110304	4.3	1
304	Characterization of novel muscle expression profiles associated with meat quality in beef cattle.. <i>Evolutionary Applications</i> , 2022 , 15, 706-718	4.8	2
303	Small genetic variation affecting mRNA isoforms associated with marbling and meat color in beef cattle.. <i>Functional and Integrative Genomics</i> , 2022 , 1	3.8	
302	Investigating potential causal relationships among carcass and meat quality traits using structural equation model in Nellore cattle.. <i>Meat Science</i> , 2022 , 187, 108771	6.4	1
301	Transcriptome Profile Reveals Genetic and Metabolic Mechanisms Related to Essential Fatty Acid Content of Intramuscular Longissimus thoracis in Nellore Cattle. <i>Metabolites</i> , 2022 , 12, 471	5.6	0
300	Phenotypic association among performance, feed efficiency and methane emission traits in Nellore cattle. <i>PLoS ONE</i> , 2021 , 16, e0257964	3.7	2
299	Genome-wide association study for beef fatty acid profile using haplotypes in Nellore cattle. <i>Livestock Science</i> , 2021 , 245, 104396	1.7	3
298	Genome-wide scan reveals genomic regions and candidate genes underlying direct and maternal effects of preweaning calf mortality in Nellore cattle. <i>Genomics</i> , 2021 , 113, 1386-1395	4.3	3
297	Effect of genomic X-chromosome regions on Nellore bull fertility. <i>Journal of Applied Genetics</i> , 2021 , 62, 655-659	2.5	0
296	Comparison of methods for predicting genomic breeding values for growth traits in Nellore cattle. <i>Tropical Animal Health and Production</i> , 2021 , 53, 349	1.7	0
295	Differentially expressed genes identified through RNA-seq with extreme values of principal components for beef fatty acid in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2021 , 138, 80-90 ^{2,9}	2	
294	Genome-wide association study identified genomic regions and putative candidate genes affecting meat color traits in Nellore cattle. <i>Meat Science</i> , 2021 , 171, 108288	6.4	7
293	Identification of novel mRNA isoforms associated with meat tenderness using RNA sequencing data in beef cattle. <i>Meat Science</i> , 2021 , 173, 108378	6.4	5
292	Genome-enabled prediction of reproductive traits in Nellore cattle using parametric models and machine learning methods. <i>Animal Genetics</i> , 2021 , 52, 32-46	2.5	2
291	Genome-wide association study between copy number variation regions and carcass- and meat-quality traits in Nellore cattle. <i>Animal Production Science</i> , 2021 , 61, 731	1.4	2
290	The effect of mitochondrial DNA polymorphisms on cattle reproduction. <i>Molecular Biology Reports</i> , 2021 , 48, 1005-1008	2.8	

289	Effect of the X chromosome in genomic evaluations of reproductive traits in beef cattle. <i>Animal Reproduction Science</i> , 2021 , 225, 106682	2.1	2
288	Genetic evaluation of weaning weight and udder score in Nellore cattle. <i>Livestock Science</i> , 2021 , 244, 104400	1.7	0
287	Enteric methane mitigation strategies for ruminant livestock systems in the Latin America and Caribbean region: A meta-analysis. <i>Journal of Cleaner Production</i> , 2021 , 312, 127693	10.3	7
286	Genetic association among feeding behavior, feed efficiency, and growth traits in growing indicine cattle. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	5
285	Uncovering Sub-Structure and Genomic Profiles in Across-Countries Subpopulations of Angus Cattle. <i>Scientific Reports</i> , 2020 , 10, 8770	4.9	1
284	Genome-wide prediction for complex traits under the presence of dominance effects in simulated populations using GBLUP and machine learning methods. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	5
283	Genome-wide scan highlights the role of candidate genes on phenotypic plasticity for age at first calving in Nellore heifers. <i>Scientific Reports</i> , 2020 , 10, 6481	4.9	16
282	Linkage Disequilibrium-Based Inference of Genome Homology and Chromosomal Rearrangements Between Species. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 2327-2343	3.2	2
281	Whole-genome sequencing provides new insights into genetic mechanisms of tropical adaptation in Nellore (<i>Bos primigenius indicus</i>). <i>Scientific Reports</i> , 2020 , 10, 9412	4.9	8
280	Genomic reaction norm models exploiting genotype × environment interaction on sexual precocity indicator traits in Nellore cattle. <i>Animal Genetics</i> , 2020 , 51, 210-223	2.5	5
279	Genomic regions associated with principal components for growth, visual score and reproductive traits in Nellore cattle. <i>Livestock Science</i> , 2020 , 233, 103936	1.7	2
278	Genome-wide association study applied to type traits related to milk yield in water buffaloes (<i>Bubalus bubalis</i>). <i>Journal of Dairy Science</i> , 2020 , 103, 1642-1650	4	4
277	Comparison between haplotype-based and individual SNP-based genomic predictions for beef fatty acid profile in Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2020 , 137, 468-476	2.9	5
276	An assessment of genomic connectedness measures in Nellore cattle. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	2
275	Carcass and meat quality of Nellore cattle (<i>Bos taurus indicus</i>) belonging to the breeding programs. <i>Livestock Science</i> , 2020 , 242, 104277	1.7	0
274	Polymorphisms in Gene Associated With Somatic Cell Score in Water Buffaloes (). <i>Frontiers in Veterinary Science</i> , 2020 , 7, 568249	3.1	2
273	Spliced genes in muscle from Nelore Cattle and their association with carcass and meat quality. <i>Scientific Reports</i> , 2020 , 10, 14701	4.9	9
272	Mapping genomic regions for reproductive traits in beef cattle: Inclusion of the X chromosome. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 1650-1654	1.6	2

271	Across-breed validation study confirms and identifies new loci associated with sexual precocity in Brahman and Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2020 , 137, 139-154	2.9	1
270	Gene expression profiling and identification of hub genes in Nellore cattle with different marbling score levels. <i>Genomics</i> , 2020 , 112, 873-879	4.3	15
269	Transcriptome profiling of muscle in Nellore cattle phenotypically divergent for the ribeye muscle area. <i>Genomics</i> , 2020 , 112, 1257-1263	4.3	6
268	Use of gene expression profile to identify potentially relevant transcripts to myofibrillar fragmentation index trait. <i>Functional and Integrative Genomics</i> , 2020 , 20, 609-619	3.8	7
267	Test-day or 305-day milk yield for genetic evaluation of Gir cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2019 , 54,	1.8	4
266	Sliding window haplotype approaches overcome single SNP analysis limitations in identifying genes for meat tenderness in Nellore cattle. <i>BMC Genetics</i> , 2019 , 20, 8	2.6	19
265	Genetic and genomic analyses of testicular hypoplasia in Nellore cattle. <i>PLoS ONE</i> , 2019 , 14, e0211159	3.7	6
264	Selection signatures in candidate genes and QTL for reproductive traits in Nellore heifers. <i>Animal Reproduction Science</i> , 2019 , 207, 1-8	2.1	3
263	RAPID COMMUNICATION: Multi-breed validation study unraveled genomic regions associated with puberty traits segregating across tropically adapted breeds1. <i>Journal of Animal Science</i> , 2019 , 97, 3027-3033	0.7	6
262	Genome Association Study for Visual Scores in Nellore Cattle Measured at Weaning. <i>BMC Genomics</i> , 2019 , 20, 150	4.5	4
261	Contemporary group alternatives for genetic evaluation of milk yield in small populations of dairy cattle. <i>Animal Production Science</i> , 2019 , 59, 1022	1.4	4
260	Unraveling genetic sensitivity of beef cattle to environmental variation under tropical conditions. <i>Genetics Selection Evolution</i> , 2019 , 51, 29	4.9	20
259	Prediction of hub genes associated with intramuscular fat content in Nellore cattle. <i>BMC Genomics</i> , 2019 , 20, 520	4.5	9
258	Relationships between temperament, meat quality, and carcass traits in Nellore cattle1. <i>Journal of Animal Science</i> , 2019 , 97, 4721-4731	0.7	8
257	Amh Polymorphisms and their association with traits indicative of sexual precocity in nellore heifers. <i>Semina:Ciencias Agrarias</i> , 2019 , 40, 1489	0.6	2
256	Effect of quality control, density and allele frequency of markers on the accuracy of genomic prediction for complex traits in Nellore cattle. <i>Animal Production Science</i> , 2019 , 59, 48	1.4	1
255	PSVIII-38 Genomic prediction for tick resistance in Angus cattle. <i>Journal of Animal Science</i> , 2019 , 97, 263-263	78	
254	PSVIII-41 Study of functional variants in homozygous islands in Nellore cattle. <i>Journal of Animal Science</i> , 2019 , 97, 260-261	0.7	78

253	PSI-B-14 Late-Breaking: Evaluation of mRNA isoforms expression profile using two approaches to measure meat tenderness from Longissimus thoracis muscle in beef cattle. <i>Journal of Animal Science</i> , 2019 , 97, 318-319	0.7	78
252	Influence of X-chromosome markers on reproductive traits of beef cattle. <i>Livestock Science</i> , 2019 , 220, 152-157	1.7	3
251	Differential expression of immune response genes associated with subclinical mastitis in dairy buffaloes. <i>Animal</i> , 2019 , 13, 1651-1657	3.1	6
250	Phenotypic relationship of female sexual precocity with production and reproduction traits in beef cattle using multivariate statistical techniques. <i>Italian Journal of Animal Science</i> , 2019 , 18, 182-188	2.2	4
249	Prediction of genomic breeding values for reproductive traits in Nellore heifers. <i>Theriogenology</i> , 2019 , 125, 12-17	2.8	7
248	Genomic selection for meat quality traits in Nellore cattle. <i>Meat Science</i> , 2019 , 148, 32-37	6.4	12
247	Association study between copy number variation and beef fatty acid profile of Nellore cattle. <i>Journal of Applied Genetics</i> , 2018 , 59, 203-223	2.5	15
246	Reaction norm for yearling weight in beef cattle using single-step genomic evaluation. <i>Journal of Animal Science</i> , 2018 , 96, 27-34	0.7	12
245	Genome-wide association study for growth traits in Nellore cattle. <i>Animal</i> , 2018 , 12, 1358-1362	3.1	11
244	Method for the estimation of genetic merit of animals with uncertain paternity under Bayesian inference. <i>Journal of Animal Breeding and Genetics</i> , 2018 , 135, 116-123	2.9	2
243	Genetic parameters for fatty acids in intramuscular fat from feedlot-finished Nellore carcasses. <i>Animal Production Science</i> , 2018 , 58, 234	1.4	7
242	Multitrait meta-analysis identified genomic regions associated with sexual precocity in tropical beef cattle. <i>Journal of Animal Science</i> , 2018 , 96, 4087-4099	0.7	9
241	Genetic analysis of carcass and meat quality traits in Nellore cattle1. <i>Journal of Animal Science</i> , 2018 , 96, 3558-3564	0.7	7
240	Prediction of meat quality traits in Nellore cattle by near-infrared reflectance spectroscopy. <i>Journal of Animal Science</i> , 2018 , 96, 4229-4237	0.7	10
239	Genome-wide scan reveals population stratification and footprints of recent selection in Nellore cattle. <i>Genetics Selection Evolution</i> , 2018 , 50, 22	4.9	16
238	Polymorphism analysis in genes associated with meat tenderness in Nellore cattle. <i>Meta Gene</i> , 2018 , 18, 73-78	0.7	2
237	Genomic association for sexual precocity in beef heifers using pre-selection of genes and haplotype reconstruction. <i>PLoS ONE</i> , 2018 , 13, e0190197	3.7	10
236	Copy number variation regions in Nellore cattle: Evidences of environment adaptation. <i>Livestock Science</i> , 2018 , 207, 51-58	1.7	12

235	Genomic prediction ability for beef fatty acid profile in Nelore cattle using different pseudo-phenotypes. <i>Journal of Applied Genetics</i> , 2018 , 59, 493-501	2.5	1
234	Genomic prediction for beef fatty acid profile in Nellore cattle. <i>Meat Science</i> , 2017 , 128, 60-67	6.4	9
233	Evaluation of longevity modeling censored records in Nellore. <i>Animal</i> , 2017 , 11, 2113-2119	3.1	2
232	Random regression models to estimate genetic parameters for weights in Murrah buffaloes. <i>Animal Science Journal</i> , 2017 , 88, 1212-1219	1.8	1
231	Genetic parameter estimates for prenatal and postnatal mortality in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2017 , 134, 27-33	2.9	3
230	Meat quality traits of Nellore bulls according to different degrees of backfat thickness: a multivariate approach. <i>Animal Production Science</i> , 2017 , 57, 363	1.4	18
229	Association between single nucleotide polymorphisms and sexual precocity in Nellore heifers. <i>Animal Reproduction Science</i> , 2017 , 177, 88-96	2.1	9
228	Genetic parameter estimates for temperament, heifer rebreeding, and stayability in Nellore cattle. <i>Livestock Science</i> , 2017 , 206, 45-50	1.7	6
227	SNP detection using RNA-sequences of candidate genes associated with puberty in cattle. <i>Genetics and Molecular Research</i> , 2017 , 16,	1.2	26
226	Differences in global gene expression in muscle tissue of Nellore cattle with divergent meat tenderness. <i>BMC Genomics</i> , 2017 , 18, 945	4.5	21
225	Prospecting polymorphisms in the PPP3CA and FABP4 genes and their association with early pregnancy probability in Nellore heifers. <i>Livestock Science</i> , 2017 , 203, 76-81	1.7	3
224	Genetic correlation estimates between beef fatty acid profile with meat and carcass traits in Nellore cattle finished in feedlot. <i>Journal of Applied Genetics</i> , 2017 , 58, 123-132	2.5	12
223	Effect of the g.98535683A>G SNP in the CAST gene on meat traits of Nellore beef cattle (<i>Bos indicus</i>) and their crosses with <i>Bos taurus</i> . <i>Meat Science</i> , 2017 , 123, 64-66	6.4	10
222	207 Genome-wide association study for beef fatty acid profile using haplotypes in Nellore cattle. <i>Journal of Animal Science</i> , 2017 , 95, 102-103	0.7	
221	Genome-Wide Association Study for Carcass Traits in an Experimental Nelore Cattle Population. <i>PLoS ONE</i> , 2017 , 12, e0169860	3.7	37
220	Genome-wide association study provides strong evidence of genes affecting the reproductive performance of Nellore beef cows. <i>PLoS ONE</i> , 2017 , 12, e0178551	3.7	23
219	Genomic analysis of stayability in Nellore cattle. <i>PLoS ONE</i> , 2017 , 12, e0179076	3.7	7
218	Genome scan for postmortem carcass traits in Nellore cattle. <i>Journal of Animal Science</i> , 2016 , 94, 4087-4095	2.2	

217	Genomic prediction of breeding values for carcass traits in Nellore cattle. <i>Genetics Selection Evolution</i> , 2016 , 48, 7	4.9	40
216	Genome-wide association between single nucleotide polymorphisms with beef fatty acid profile in Nellore cattle using the single step procedure. <i>BMC Genomics</i> , 2016 , 17, 213	4.5	50
215	Structure and genetic diversity of Brazilian Zebu cattle breeds assessed by pedigree analysis. <i>Livestock Science</i> , 2016 , 187, 6-15	1.7	16
214	Genome-Wide Association Study between Single Nucleotide Polymorphisms and Flight Speed in Nellore Cattle. <i>PLoS ONE</i> , 2016 , 11, e0156956	3.7	22
213	Genome-Wide Association Study of Meat Quality Traits in Nellore Cattle. <i>PLoS ONE</i> , 2016 , 11, e0157845	3.7	47
212	Phenotypic and Genetic Correlations of Feed Efficiency Traits with Growth and Carcass Traits in Nellore Cattle Selected for Postweaning Weight. <i>PLoS ONE</i> , 2016 , 11, e0161366	3.7	26
211	Valores econômicos para sistemas de recria e engorda de bovinos Nelore e cruzado. <i>Archivos De Zootecnia</i> , 2016 , 65, 145-154	1.4	6
210	Estimates of genetic parameters for stayability and their associations with traits of economic interest in Gir dairy cows. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	2
209	Genetic study of skin thickness and its association with postweaning growth in Nellore cattle: estimation of the genetic parameters. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	2
208	Frequencies of candidate genes and associations with carcass and meat traits in Nellore and crossbred cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2016 , 51, 169-176	1.8	2
207	Gene expression profile of intramuscular muscle in Nellore cattle with extreme values of fatty acid. <i>BMC Genomics</i> , 2016 , 17, 972	4.5	39
206	Assessing the value of phenotypic information from non-genotyped animals for QTL mapping of complex traits in real and simulated populations. <i>BMC Genetics</i> , 2016 , 17, 89	2.6	11
205	Genome-Wide Association Study for Indicator Traits of Sexual Precocity in Nellore Cattle. <i>PLoS ONE</i> , 2016 , 11, e0159502	3.7	49
204	Genomic Regions Associated with Feed Efficiency Indicator Traits in an Experimental Nellore Cattle Population. <i>PLoS ONE</i> , 2016 , 11, e0164390	3.7	34
203	Random regression models for the estimation of genetic and environmental covariance functions for growth traits in Santa Ines sheep. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	1
202	Inbreeding depression in Zebu cattle traits. <i>Journal of Animal Breeding and Genetics</i> , 2016 , 133, 523-533	2.9	17
201	Genetic parameter estimates for carcass traits and visual scores including or not genomic information. <i>Journal of Animal Science</i> , 2016 , 94, 1821-6	0.7	21
200	Accuracies of genomic prediction of feed efficiency traits using different prediction and validation methods in an experimental Nelore cattle population. <i>Journal of Animal Science</i> , 2016 , 94, 3613-3623	0.7	31

199	Principal component analysis of breeding values for growth and reproductive traits and genetic association with adult size in beef cattle. <i>Journal of Animal Science</i> , 2016 , 94, 5014-5022	0.7	14
198	Comparison of models for the genetic evaluation of reproductive traits with censored data in Nellore cattle. <i>Journal of Animal Science</i> , 2016 , 94, 2297-306	0.7	10
197	Polymorphisms in TOX and NCOA2 genes and their associations with reproductive traits in cattle. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 523-8	1.8	7
196	Association of ADIPOQ, OLR1 and PPARGC1A gene polymorphisms with growth and carcass traits in Nellore cattle. <i>Meta Gene</i> , 2015 , 4, 1-7	0.7	13
195	Genetic correlation of traits measured by ultrasound at yearling and 18 months of age in Nellore beef cattle. <i>Livestock Science</i> , 2015 , 180, 34-40	1.7	15
194	Short communication: Variable number of tandem repeat polymorphisms in DGAT1 gene of buffaloes (<i>Bubalus bubalis</i>) is associated with milk constituents. <i>Journal of Dairy Science</i> , 2015 , 98, 3492-5	4	7
193	Expression of genes related to mitochondrial function in Nellore cattle divergently ranked on residual feed intake. <i>Molecular Biology Reports</i> , 2015 , 42, 559-65	2.8	14
192	Genetic parameters and investigation of genotype × environment interactions in Nellore × Hereford crossbred for resistance to cattle ticks in different regions of Brazil. <i>Journal of Applied Genetics</i> , 2015 , 56, 107-13	2.5	7
191	Reaction norm model to describe environmental sensitivity across first lactation in dairy cattle under tropical conditions. <i>Tropical Animal Health and Production</i> , 2015 , 47, 1405-10	1.7	3
190	Genome-wide association study of reproductive traits in Nellore heifers using Bayesian inference. <i>Genetics Selection Evolution</i> , 2015 , 47, 67	4.9	27
189	Genetic associations between temperament and performance traits in Nellore beef cattle. <i>Journal of Animal Breeding and Genetics</i> , 2015 , 132, 42-50	2.9	9
188	Genetic association between temperament and sexual precocity indicator traits in Nellore cattle. <i>Journal of Applied Genetics</i> , 2015 , 56, 349-54	2.5	11
187	Bioanalytical methods for the metalloproteomics study of bovine longissimus thoracis muscle tissue with different grades of meat tenderness in the Nellore breed (<i>Bos indicus</i>). <i>Food Chemistry</i> , 2015 , 169, 65-72	8.5	26
186	A new way to measure milk yield persistency: a genetic point of view with application to Gyr (<i>Bos indicus</i>) cattle. <i>Journal of Dairy Research</i> , 2015 , 82, 385-90	1.6	1
185	Evaluation of productivity of sexually precocious Nellore heifers. <i>Animal</i> , 2015 , 9, 938-43	3.1	11
184	Genotype × environment interaction for age at first calving, scrotal circumference, and yearling weight in Nellore cattle using reaction norms in multitrait random regression models. <i>Journal of Animal Science</i> , 2015 , 93, 1503-10	0.7	20
183	Genetic associations between scrotal circumference and female reproductive traits in Nellore cattle. <i>Journal of Animal Science</i> , 2015 , 93, 2706-13	0.7	29
182	Genetic association of growth traits with carcass and meat traits in Nellore cattle. <i>Genetics and Molecular Research</i> , 2015 , 14, 18713-9	1.2	12

181	Reaction norms for the study of genotype-environment interaction for growth and indicator traits of sexual precocity in Nellore cattle. <i>Genetics and Molecular Research</i> , 2015 , 14, 7151-62	1.2	10
180	Associations between single nucleotide polymorphisms and carcass traits in Nellore cattle using high-density panels. <i>Genetics and Molecular Research</i> , 2015 , 14, 11133-44	1.2	10
179	Study of lipid metabolism-related genes as candidate genes of sexual precocity in Nellore cattle. <i>Genetics and Molecular Research</i> , 2015 , 14, 234-43	1.2	16
178	Random regression analysis of test-day milk yields in the first and second lactations of Brazilian Gyr cows. <i>Genetics and Molecular Research</i> , 2015 , 14, 16497-507	1.2	5
177	Multivariate analysis of test-day and total milk yield in goats. <i>Genetics and Molecular Research</i> , 2015 , 14, 13719-27	1.2	2
176	Heritability of predicted daily enteric methane emissions from growing Nellore cattle. <i>Genetics and Molecular Research</i> , 2015 , 14, 14123-9	1.2	2
175	Genetic association between milk yield, stayability, and mastitis in Holstein cows under tropical conditions. <i>Tropical Animal Health and Production</i> , 2014 , 46, 529-35	1.7	14
174	Association between JY-1 gene polymorphisms and reproductive traits in beef cattle. <i>Gene</i> , 2014 , 533, 477-80	3.8	13
173	History, structure, and genetic diversity of Brazilian Gir cattle. <i>Livestock Science</i> , 2014 , 163, 26-33	1.7	23
172	Polymorphism analysis in genes of the somatotropic axis in Nellore cattle selected for growth. <i>Gene</i> , 2014 , 545, 215-9	3.8	8
171	Random regression models using different functions to model milk flow in dairy cows. <i>Genetics and Molecular Research</i> , 2014 , 13, 7528-41	1.2	4
170	Estimates of genetic parameters for total milk yield over multiple ages in Brazilian Murrah buffaloes using different models. <i>Genetics and Molecular Research</i> , 2014 , 13, 2784-95	1.2	5
169	Polymorphisms in candidate genes and their association with carcass traits and meat quality in Nellore cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2014 , 49, 364-371	1.8	9
168	Aplicação de modelos de regressão aleatória utilizando diferentes estruturas de dados. <i>Ciencia Rural</i> , 2014 , 44, 2058-2063	1.3	1
167	Water buffalo genome characterization by the Illumina BovineHD BeadChip. <i>Genetics and Molecular Research</i> , 2014 , 13, 4202-15	1.2	11
166	Medidas repetidas no estudo de características de crescimento e carcaça avaliadas por ultrassom em novilhas de corte cruzadas. <i>Boletim De Indústria Animal</i> , 2014 , 71, 200-210	0.3	2
165	Association between single-nucleotide polymorphisms and milk production traits in buffalo. <i>Genetics and Molecular Research</i> , 2014 , 13, 10256-68	1.2	19
164	Genotype by environment interaction for post-weaning weight gain, scrotal circumference, and muscling score of composite beef cattle in different regions of Brazil. <i>Genetics and Molecular Research</i> , 2014 , 13, 3048-59	1.2	

163	Study of whole genome linkage disequilibrium in Nellore cattle. <i>BMC Genomics</i> , 2013 , 14, 305	4.5	80
162	Genetic parameters for production traits of dairy Gyr (Bos indicus) and Holstein cattle estimated with a random regression model. <i>Livestock Science</i> , 2013 , 158, 24-31	1.7	13
161	Principal components and factor analytic models for birth to mature weights in Nellore cattle. <i>Livestock Science</i> , 2013 , 152, 135-142	1.7	11
160	Analysis of genetic correlations of hip height with selection indices and mature weight in Nelore cattle. <i>Journal of Applied Genetics</i> , 2013 , 54, 89-95	2.5	3
159	Random regression models using Legendre polynomials or linear splines for test-day milk yield of dairy Gyr (Bos indicus) cattle. <i>Journal of Dairy Science</i> , 2013 , 96, 565-74	4	26
158	Linear and Poisson models for genetic evaluation of tick resistance in cross-bred Hereford x Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2013 , 130, 417-24	2.9	18
157	Genetic variability for temperament indicators of Nellore cattle. <i>Journal of Animal Science</i> , 2013 , 91, 3530-7	1.7	15
156	Evaluation of mature cow weight: genetic correlations with traits used in selection indices, correlated responses, and genetic trends in Nelore cattle. <i>Journal of Animal Science</i> , 2013 , 91, 20-8	0.7	15
155	Phenotypic plasticity of composite beef cattle performance using reaction norms model with unknown covariate. <i>Animal</i> , 2013 , 7, 202-10	3.1	31
154	Genetic parameters for scrotal circumference, breeding soundness examination and sperm defects in young Nellore bulls. <i>Journal of Animal Science</i> , 2013 , 91, 4611-6	0.7	7
153	Comparison of a genetic group and unknown paternity models for growth traits in Nellore cattle. <i>Journal of Animal Science</i> , 2013 , 91, 5135-43	0.7	4
152	Comparison of factor-analytic and reduced rank models for test-day milk yield in Gyr dairy cattle (Bos indicus). <i>Genetics and Molecular Research</i> , 2013 , 12, 4036-45	1.2	4
151	Aplicação de modelos não-lineares para descrever a evolução de características de crescimento e carcaça em bovinos da raça Hereford. <i>Ciencia Rural</i> , 2013 , 43, 513-519	1.3	3
150	Parâmetros genéticos para diferentes relações de peso ao nascer e à desmama em vacas da raça Nelore. <i>Ciencia Rural</i> , 2013 , 43, 676-681	1.3	1
149	Parâmetros genéticos de características de carcaça e de crescimento de bovinos da raça Nelore. <i>Archivos De Zootecnia</i> , 2013 , 62, 123-129	1.4	7
148	Evaluation of an average numerator relationship matrix model and a Bayesian hierarchical model for growth traits in Nellore cattle with uncertain paternity. <i>Livestock Science</i> , 2012 , 144, 89-95	1.7	9
147	Genetic parameter estimates for live weight and daily live weight gain obtained for Nellore bulls in a test station using different models. <i>Livestock Science</i> , 2012 , 144, 148-156	1.7	10
146	Influence of data structure on the estimation of the additive genetic direct and maternal covariance for early growth traits in Nellore cattle. <i>Livestock Science</i> , 2012 , 145, 212-218	1.7	14

145	Selection strategies for dairy buffaloes: economic and genetic consequences. <i>Journal of Animal Breeding and Genetics</i> , 2012 , 129, 488-500	2.9	3
144	Genetic associations of visual scores with subsequent rebreeding and days to first calving in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2012 , 129, 448-56	2.9	11
143	MUC1 gene polymorphism in three Nellore lines selected for growth and its association with growth and carcass traits. <i>Molecular Biology Reports</i> , 2012 , 39, 1541-9	2.8	5
142	Short communication: Principal components and factor analytic models for test-day milk yield in Brazilian Holstein cattle. <i>Journal of Dairy Science</i> , 2012 , 95, 2157-64	4	14
141	Genotype by environment interaction for birth and weaning weights of composite beef cattle in different regions of Brazil. <i>Livestock Science</i> , 2012 , 149, 242-249	1.7	11
140	Bayesian analysis of random regression models using B-splines to model test-day milk yield of Holstein cattle in Brazil. <i>Livestock Science</i> , 2012 , 150, 401-406	1.7	5
139	Associations of FASN gene polymorphisms with economical traits in Nellore cattle (<i>Bos primigenius indicus</i>). <i>Molecular Biology Reports</i> , 2012 , 39, 10097-104	2.8	8
138	First polymorphisms in JY-1 gene in cattle (<i>Bos taurus indicus</i>) and their association with sexual precocity and growth traits. <i>Molecular Biology Reports</i> , 2012 , 39, 10105-9	2.8	10
137	Parâmetros genéticos para a produção de leite em caprinos das raças Saanen e Alpina. <i>Revista Ciencia Agronomica</i> , 2012 , 43, 376-381	1	9
136	Genetic associations between flight speed and growth traits in Nellore cattle. <i>Journal of Animal Science</i> , 2012 , 90, 3427-32	0.7	26
135	Genetic association between body composition measured by ultrasound and visual scores in Brazilian Nellore cattle. <i>Journal of Animal Science</i> , 2012 , 90, 4223-9	0.7	33
134	Comparison of selective genotyping strategies for prediction of breeding values in a population undergoing selection. <i>Journal of Animal Science</i> , 2012 , 90, 4716-22	0.7	23
133	Parâmetros genéticos de las características andrológicas en la especie bovina. <i>Archivos De Medicina Veterinaria</i> , 2012 , 44, 1-11	2	
132	Selection for higher body weight in Nellore cattle is effective in achieving an increase of longissimus muscle area without reducing subcutaneous fat thickness. <i>Revista Brasileira De Zootecnia</i> , 2012 , 41, 1426 ^{1,2} -1432 ⁶		
131	Genetic correlations between mature cow weight and productive and reproductive traits in Nellore cattle. <i>Genetics and Molecular Research</i> , 2012 , 11, 2979-86	1.2	26
130	Genetic parameters of total milk yield and factors describing the shape of lactation curve in dairy buffaloes. <i>Journal of Dairy Research</i> , 2012 , 79, 60-5	1.6	8
129	Genetic parameters for test-day yield of milk, fat and protein in buffaloes estimated by random regression models. <i>Journal of Dairy Research</i> , 2012 , 79, 272-9	1.6	7
128	Características reprodutivas e suas associações com outras características de importância econômica na raça Nellore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012 , 64, 91-100	0.3	8

127	Random regression analyses using B-spline functions to model growth of Nellore cattle. <i>Animal</i> , 2012 , 6, 212-20	3.1	13
126	Genetic parameters for first lactation test-day milk flow in Holstein cows. <i>Animal</i> , 2012 , 6, 31-5	3.1	4
125	Genetic parameters and relationships between heifers rebreeding and hip height in Nellore cattle. <i>Revista Brasileira De Zootecnia</i> , 2012 , 41, 598-602	1.2	5
124	Genetic correlations between heifer subsequent rebreeding and age at first calving and growth traits in Nellore cattle by Bayesian inference. <i>Genetics and Molecular Research</i> , 2012 , 11, 4516-24	1.2	4
123	Genetic associations of conformation, finishing precocity and muscling visual scores with mature weight in Nelore cattle. <i>Livestock Science</i> , 2011 , 135, 238-243	1.7	23
122	Population structure and effects of inbreeding on milk yield and quality of Murrah buffaloes. <i>Journal of Dairy Science</i> , 2011 , 94, 5204-11	4	14
121	Effect of lactation length adjustment procedures on genetic parameter estimates for buffalo milk yield. <i>Genetics and Molecular Biology</i> , 2011 , 34, 62-7	2	11
120	Modeling of average growth curve in Santa Ines sheep using random regression models. <i>Revista Brasileira De Zootecnia</i> , 2011 , 40, 314-322	1.2	4
119	Estimativas de herdabilidade e tendências genéticas para características de crescimento e reprodutivas em bovinos da raça Nelore: Estimates of heritability and genetic trends for growth and reproduction traits in Nelore cattle. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011 , 63, 143-152	0.3	36
118	Genetic parameters and relationships between growth traits and scrotal circumference measured at different ages in Nellore cattle. <i>Genetics and Molecular Biology</i> , 2011 , 34, 225-30	2	22
117	Parâmetros genéticos de escore visual do umbigo em bovinos da raça Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011 , 63, 941-947	0.3	8
116	Environmental and genetic factors affecting the weaning-estrus interval in sows. <i>Genetics and Molecular Research</i> , 2011 , 10, 2692-701	1.2	8
115	Random regression models using different functions to model test-day milk yield of Brazilian Holstein cows. <i>Genetics and Molecular Research</i> , 2011 , 10, 3565-75	1.2	22
114	Estimates of genetic parameters for scrotal circumference using random regression models in Nelore cattle. <i>Livestock Science</i> , 2011 , 137, 205-209	1.7	8
113	Genetic parameters and relationships of heifer pregnancy and age at first calving with weight gain, yearling and mature weight in Nelore cattle. <i>Livestock Science</i> , 2011 , 141, 12-16	1.7	44
112	In vitro acaricidal activity of neem (<i>Azadirachta indica</i>) seed extracts with known azadirachtin concentrations against <i>Rhipicephalus microplus</i> . <i>Veterinary Parasitology</i> , 2011 , 181, 309-15	2.8	21
111	Effects of sex and age on genotype x environment interaction for beef cattle body weight studied using reaction norm models. <i>Journal of Animal Science</i> , 2011 , 89, 3410-25	0.7	19
110	Milk fatty acid characterization and genetic parameter estimates for milk conjugated linoleic acid in buffaloes. <i>Journal of Dairy Research</i> , 2011 , 78, 178-83	1.6	7

109	Testicular traits as selection criteria for young Nellore bulls. <i>Journal of Animal Science</i> , 2011 , 89, 2061-7	0.7	25
108	Genetic analysis of visual scores and their relationships to mature female weight in Nellore breed. <i>Revista Brasileira De Zootecnia</i> , 2011 , 40, 100-105	1.2	7
107	Phenotypic and genetic parameters compared during repeated measures of longissimus muscle area and subcutaneous fat thickness in Nelore cattle. <i>Genetics and Molecular Research</i> , 2011 , 10, 2944-52	1.2	11
106	Breeding value accuracy estimates for growth traits using random regression and multi-trait models in Nelore cattle. <i>Genetics and Molecular Research</i> , 2011 , 10, 1227-36	1.2	6
105	Effect of pregnancy on the genetic evaluation of dairy cattle. <i>Genetics and Molecular Research</i> , 2011 , 10, 2190-201	1.2	1
104	Random regression models on Legendre polynomials to estimate genetic parameters for weights from birth to adult age in Canchim cattle. <i>Journal of Animal Breeding and Genetics</i> , 2010 , 127, 289-99	2.9	21
103	Random regression models to estimate genetic parameters for test-day milk yield in Brazilian Murrah buffaloes. <i>Journal of Animal Breeding and Genetics</i> , 2010 , 127, 369-76	2.9	7
102	Random regression analyses using B-splines functions to model growth from birth to adult age in Canchim cattle. <i>Journal of Animal Breeding and Genetics</i> , 2010 , 127, 433-41	2.9	11
101	Estimativas de parâmetros genéticos para características de crescimento em bovinos da raça Canchim utilizando modelos de dimensão finita. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 2409-2417	1.2	9
100	Association between MUC1 gene polymorphism and expected progeny differences in Nelore cattle (<i>Bos primigenius indicus</i>). <i>Genetics and Molecular Biology</i> , 2010 , 33, 68-70	2	2
99	Modelos de regressão aleatória na avaliação genética do crescimento de ovinos da raça Santa Inês. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 1723-1732	1.2	6
98	Estimação de funções de covariância para características de crescimento da raça Tabapuá utilizando modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 1037-1045	1.2	12
97	Altura da garupa e sua associação com características reprodutivas e de crescimento na raça Nelore. <i>Pesquisa Agropecuária Brasileira</i> , 2010 , 45, 613-620	1.8	17
96	Genetic parameters for milk, fat and protein yields in Murrah buffaloes (<i>Bubalus bubalis</i> Artiodactyla, Bovidae). <i>Genetics and Molecular Biology</i> , 2010 , 33, 71-7	2	10
95	Covariance functions for body weight from birth to maturity in Nellore cows. <i>Journal of Animal Science</i> , 2010 , 88, 849-59	0.7	44
94	Study of relations among age at first calving, average weight gains and weights from weaning to maturity in Nellore cattle. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 746-751	1.2	39
93	Estimativas de parâmetros genéticos para os escores visuais e suas associações com peso corporal em bovinos de corte. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 1015-1022	1.2	38
92	Genetic parameter estimates for buffalo milk yield, milk quality and mozzarella production and Bayesian inference analysis of their relationships. <i>Genetics and Molecular Research</i> , 2010 , 9, 1636-44	1.2	19

91	Evaluation of TFAM and FABP4 gene polymorphisms in three lines of Nellore cattle selected for growth. <i>Genetics and Molecular Research</i> , 2010 , 9, 2050-9	1.2	8
90	Assessment of DGAT1 and LEP gene polymorphisms in three Nellore (<i>Bos indicus</i>) lines selected for growth and their relationship with growth and carcass traits. <i>Journal of Animal Science</i> , 2010 , 88, 435-41 ^{0.7}	19	
89	Genetic associations between carcass traits measured by real-time ultrasound and scrotal circumference and growth traits in Nellore cattle. <i>Journal of Animal Science</i> , 2010 , 88, 52-8	0.7	56
88	Estimation of genetic parameters for milk yield in Murrah buffaloes by Bayesian inference. <i>Journal of Dairy Science</i> , 2010 , 93, 784-91	4	7
87	Genetic parameters for buffalo milk yield and milk quality traits using Bayesian inference. <i>Journal of Dairy Science</i> , 2010 , 93, 2195-201	4	28
86	Analysis of culling probability in dairy buffalo using survival models. <i>Animal</i> , 2010 , 4, 1325-9	3.1	6
85	Estimation of genetic parameters for body weights, scrotal circumference, and testicular volume measured at different ages in Nellore cattle. <i>Journal of Animal Science</i> , 2010 , 88, 1215-9	0.7	50
84	Correla�es gen�icas entre escores visuais e caracter�sticas reprodutivas em bovinos Nellore usando infer�ncia bayesiana. <i>Pesquisa Agropecuaria Brasileira</i> , 2010 , 45, 1412-1418	1.8	19
83	370 ASSESSMENT OF SWIM-UP AND Percoll? DENSITY GRADIENT FOR SPERM SEX PRESELECTION. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 341	1.8	2
82	Estimativas de herdabilidade e correla�es para escores visuais, peso e altura ao sobreano em rebanhos da ra� Nellore. <i>Revista Brasileira De Zootecnia</i> , 2009 , 38, 2362-2367	1.2	25
81	Herdabilidades e correla�es entre pesos do nascimento ^ idade adulta em rebanhos da ra� Nellore. <i>Revista Brasileira De Zootecnia</i> , 2009 , 38, 2320-2326	1.2	45
80	An�lise bayesiana na estima�o de correla�es gen�icas entre escores visuais e caracter�sticas reprodutivas de bovinos Nellore utilizando modelos linear-limiar. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009 , 61, 949-958	0.3	10
79	Genotype by environment interaction for 450-day weight of Nellore cattle analyzed by reaction norm models. <i>Genetics and Molecular Biology</i> , 2009 , 32, 281-7	2	26
78	Genetic associations of sexual precocity with growth traits and visual scores of conformation, finishing, and muscling in Nellore cattle. <i>Journal of Animal Science</i> , 2009 , 87, 1591-7	0.7	29
77	Random regression models to estimate test-day milk yield genetic parameters Holstein cows in Southeastern Brazil. <i>Livestock Science</i> , 2009 , 123, 1-7	1.7	45
76	Parametric correlation functions to model the structure of permanent environmental (co)variances in milk yield random regression models. <i>Journal of Dairy Science</i> , 2009 , 92, 4634-40	4	6
75	Comparison of different nonlinear functions to describe Nellore cattle growth. <i>Journal of Animal Science</i> , 2009 , 87, 496-506	0.7	40
74	Characterization and polymorphism screening of IGF-I and prolactin genes in Nellore heifers. <i>Italian Journal of Animal Science</i> , 2009 , 8, 277-283	2.2	3

73	Bayesian inference in genetic parameter estimation of visual scores in Nellore beef-cattle. <i>Genetics and Molecular Biology</i> , 2009, 32, 753-60	2	12
72	Correla�es gen�icas entre escores visuais e caracter�icas de carca�a medidas por ultrassom em bovinos de corte. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 197-202	1.8	31
71	Estima�o de componentes de co-variancia para pesos corporais do nascimento aos 365 dias de idade de bovinos Guzerat� empregando-se modelos de regress�o aleat�rio. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 50-60	1.2	4
70	Avalia�o gen�ica de caracter�icas de escores visuais de bovinos da ra�a Nelore da desmama at�o a maturidade. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 1191-1200	1.2	9
69	Associa�o gen�ica da prenhez aos 16 meses com o peso ^ desmama e o ganho de peso em animais da ra�a Nelore. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 1211-1217	1.2	6
68	Estimativas de correla�es gen�icas entre escores visuais e caracter�icas de carca�a medidas por ultrassonografia em bovinos Nelore utilizando modelos bayesianos linear-limiar. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 2144-2151	1.2	8
67	Genetic and environmental factors affecting ultrasound measures of longissimus muscle area and backfat thickness in Nelore cattle. <i>Livestock Science</i> , 2008, 117, 147-154	1.7	37
66	Comparison of non-linear growth models to describe the growth curve in West African Dwarf sheep. <i>Animal</i> , 2008, 2, 1003-12	3.1	40
65	Models for genetic evaluation of Nelore cattle mature body weight. <i>Journal of Animal Science</i> , 2008 , 86, 2840-4	0.7	12
64	�Casein gene polymorphism permits identification of bovine milk mixed with bubaline milk in mozzarella cheese. <i>Genetics and Molecular Biology</i> , 2008, 31, 902-905	2	7
63	Compar�o de modelos de regress�o aleat�rio para estima�o de par�metros gen�icos em caprinos leiteiros. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 1788-1796	1.2	4
62	Modelos de dimens�o finita para a estima�o de par�metros gen�icos para a produ�o de leite de primeiras lacta�es de vacas da ra�a Holandesa. <i>Ciencia Rural</i> , 2008, 38, 1705-1710	1.3	9
61	Variance component estimates applying random regression models for test-day milk yield in Caracu heifers (<i>Bos taurus</i> Artiodactyla, Bovidae). <i>Genetics and Molecular Biology</i> , 2008, 31, 665-673	2	17
60	Test-day milk yield as a selection criterion for dairy buffaloes (<i>Bubalus bubalis</i> Artiodactyla, Bovidae). <i>Genetics and Molecular Biology</i> , 2008, 31, 674-679	2	19
59	Estimativas de par�metros gen�icos para produ�o de leite e persist�ncia da lacta�o em vacas Gir, aplicando modelos de regress�o aleat�rio. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 1584-1594	1.2	22
58	An�lise gen�ica de escores de avalia�o visual de bovinos com modelos bayesianos de limiar e linear. <i>Pesquisa Agropecuaria Brasileira</i> , 2008, 43, 835-841	1.8	16
57	Compar�o entre os valores gen�icos para caracter�icas de crescimento de bovinos da ra�a Nelore preditos com modelos de dimens�o finita ou infinita. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 238-246	1.2	10
56	Associa�es gen�icas entre pesos e caracter�icas reprodutivas em rebanhos da ra�a Nelore. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 596-601	1.2	39

55	Parâmetros genéticos para produção de leite no dia do controle e para produção de leite até 305 dias nas primeiras lactações de vacas da raça Gir. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 1774-1780	1.2	3
54	Analysis of beef cattle longitudinal data applying a nonlinear model. <i>Journal of Animal Science</i> , 2007, 85, 3189-97	0.7	23
53	Efeitos genéticos e de ambiente sobre a produção de leite e a contagem de células somáticas em vacas holandesas. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 343-349	1.2	15
52	Parâmetros genéticos entre características de leite, de peso e a idade ao primeiro parto em gado mestiço leiteiro (<i>Bos taurus</i> x <i>Bos indicus</i>). <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007, 59, 983-990	0.3	14
51	Genetic parameters estimates for milk, fat and protein yield analyzed by test day models for Murrah buffaloes in Brazil. <i>Italian Journal of Animal Science</i> , 2007, 6, 368-371	2.2	4
50	Estimativas de parâmetros genéticos para altura do posterior, peso e circunferência escrotal em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 1761-1768	1.2	40
49	Objetivos de seleção e valores econômicos em sistemas de produção de gado de corte no Brasil. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 1549-1558	1.2	11
48	Tendências genéticas para escores visuais de conformação, precocidade e musculatura ^ desmama de bovinos Nelore. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 572-577	1.2	22
47	Genetic parameters for milk yield of <i>Bubalus bubalis</i> using unadjusted and adjusted milk production for days in milk. 1,2. <i>Italian Journal of Animal Science</i> , 2007, 6, 310-313	2.2	1
46	Random regressions models to describe the genetic variation of milk yield over multiple parities in Buffaloes. <i>Italian Journal of Animal Science</i> , 2007, 6, 364-367	2.2	1
45	Correlações genéticas entre medidas de perímetro escrotal e características produtivas e reprodutivas de fêmeas da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 565-571	1.2	38
44	Suckling behaviour of Nelore, Gir and Caracu calves and their crosses. <i>Applied Animal Behaviour Science</i> , 2006, 101, 276-287	2.2	13
43	Production of low methoxyl pectin using immobilized pectinmethylesterase silica from acerola (<i>Malpighia glabra</i> L.). <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 706-709	3.5	1
42	Estimação de parâmetros genéticos em caprinos leiteiros por meio de análise de regressão aleatória utilizando-se a Amostragem de Gibbs. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 706-714	1.2	6
41	Estimação de parâmetros genéticos para peso do nascimento aos 550 dias de idade para animais da raça Tabapuá utilizando-se modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1915-1925	1.2	25
40	Modelo bioeconômico para cálculo de custos e receitas em sistemas de produção de gado de corte visando ^ obtenção de valores econômicos de características produtivas e reprodutivas. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 2187-2196	1.2	11
39	Avaliação genética de caprinos da raça Alpina utilizando-se a produção de leite no dia do controle. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 443-451	1.2	5
38	Avaliação de fatores de ambiente e estimativas de parâmetros genéticos para a característica dias para o parto na raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1329-1335	1.2	2

37	Estimativas de parâmetros genéticos de características de crescimento em um rebanho Caracu selecionado para peso ao sobreano. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1669-1676	1.2	7
36	Estimação de parâmetros genéticos para produção de leite de cabras da raça Alpina. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 396-404	1.2	8
35	Interação genótipo-ambiente em cruzamentos de bovinos de corte. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1677-1683	1.2	7
34	Estimates of covariance functions for growth of Nelore cattle applying a parametric correlation structure to model within-animal correlations. <i>Livestock Science</i> , 2005, 93, 213-222	1.3	
33	Estudo genético da precocidade sexual de novilhas em um rebanho Nelore. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 1568-1572	1.2	34
32	Predição de valores genéticos para a produção de leite no dia do controle e para a produção acumulada até 305 dias. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 496-507	1.2	4
31	Estimação de parâmetros genéticos para peso em diferentes idades para animais da raça Tabapuá. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 1914-1919	1.2	16
30	Heteroses materna e individual para ganho de peso pré-desmama em bovinos Nelore e Hereford e Nelore e Angus. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005, 57, 518-523	0.3	11
29	Efeito da idade da vaca e da data juliana de nascimento sobre o ganho médio diário de bezerros de corte no período pós-desmame. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005, 57, 524-532	0.3	4
28	Estimativa de ganho genético a partir de diferenciais de seleção e parâmetros populacionais em um rebanho Caracu. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 2245-2252	1.2	4
27	Estimates of genetic correlations between days to calving and reproductive and weight traits in Nelore cattle. <i>Journal of Animal Science</i> , 2005, 83, 1511-5	0.7	43
26	Efeito da idade de exposição de novilhas à reprodução sobre estimativas de herdabilidade da idade ao primeiro parto em bovinos Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2004, 56, 370-373	0.3	9
25	Idade da vaca e mês de nascimento sobre o peso ao desmame de bezerros nelore nas diferentes regiões brasileiras. <i>Acta Scientiarum - Animal Sciences</i> , 2004, 26, 475	0.3	4
24	Estimativas de herdabilidade para idade ao primeiro parto de novilhas da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2004, 33, 97-102	1.2	30
23	Fatores de correlação de escores visuais de conformação, precocidade e musculatura, à desmama, para idade da vaca ao parto, data juliana de nascimento e idade à desmama em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2004, 33, 2044-2053	1.2	12
22	Utilização de modelos de regressão aleatória para produção de leite no dia do controle, com diferentes estruturas de variâncias residuais. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 1104-1113	1.2	31
21	Estimação de parâmetros genéticos para produção de leite no dia do controle e produção acumulada até 305 dias, para as primeiras lactações de vacas da raça Caracu. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 284-294	1.2	13
20	Efeitos ambientais que afetam o ganho de peso pré-desmama em animais Angus, Hereford, Nelore e mestiços Angus-Nelore e Hereford-Nelore. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 887-890	1.2	9

19	Estimativas de herdabilidade para perímetro escrotal de animais da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 1878-1882	1.2	19
18	Estimativa de parâmetros genéticos, fenotípicos e ambientais para as produções de leite no dia do controle e em 305 dias de lactação de vacas da raça Gir. <i>Revista Brasileira De Zootecnia</i> , 2002, 31, 1953-1963 ^{1,2}	1.2	7
17	Comparação de alguns modelos matemáticos para o ajuste à curva de lactação individuais de vacas da raça Caracu. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2002, 54, 295-302	0.3	6
16	Efeitos da Heterogeneidade de Variância Residual entre Grupos de Contemporâneos na Avaliação Genética de Bovinos de Corte. <i>Revista Brasileira De Zootecnia</i> , 2002, 31, 1680-1688	1.2	7
15	Estimates of direct and maternal genetic effects for weights from birth to 600 days of age in Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2001, 118, 83-92	2.9	63
14	Estimates of covariance functions for growth from birth to 630 days of age in Nelore cattle. <i>Journal of Animal Science</i> , 2001, 79, 2776-89	0.7	107
13	Efeitos da utilização de diferentes covariáveis na avaliação do ganho de peso médio diário em suínos. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 736-743	1.2	4
12	Comparação de Diferentes Modelos para Avaliação Genética de Características de Desempenho Pós-desmama em Suínos. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 1720-1727	1.2	1
11	Resposta à Seleção para Características de Desempenho em um Rebanho de Seleção de Suínos. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 2009-2016	1.2	4
10	Influência de Alguns Fatores de Ambiente sobre os Escores de Conformação, Precocidade e Musculatura à Desmama em um Rebanho da Raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2001, 30, 1697-1703 ^{1,2}	1.2	16
9	Genetic aspects of productive and reproductive traits in a Murrah buffalo herd in São Paulo, Brazil. <i>Journal of Animal Breeding and Genetics</i> , 2000, 117, 331-336	2.9	22
8	Efeito da endogamia sobre características de crescimento de bovinos da raça Gir no Brasil. <i>Revista Brasileira De Zootecnia</i> , 2000, 29, 1014-1019	1.2	18
7	Estudo preliminar da influência do perímetro escrotal sobre a libido em touros jovens da raça Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2000, 52, 69-75	0.3	6
6	Efeitos ambientais sobre ganho de peso no período do nascimento ao desmame em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 1999, 28, 55-64	1.2	8
5	Comparação de alguns modelos matemáticos para ajuste à curva de lactação média de um rebanho da raça Caracu. <i>Revista Brasileira De Zootecnia</i> , 1999, 28, 987-992	1.2	3
4	Fatores de correção para ganho de peso médio diário no período do nascimento ao desmame em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 1999, 28, 65-73	1.2	3
3	Variances of direct genetic effects, maternal genetic effects, and cytoplasmic inheritance effects for milk yield, fat yield, and fat percentage. <i>Journal of Dairy Science</i> , 1998, 81, 544-9	4	22
2	Variance of interaction effects of sire and herd for yield traits of Holsteins in California, New York, and Pennsylvania with an animal model. <i>Journal of Dairy Science</i> , 1995, 78, 939-46	4	14

- ¹ Estimates using an animal model of (co)variances for yields of milk, fat, and protein for the first lactation of Holstein cows in California and New York. *Journal of Dairy Science*, **1995**, 78, 1591-6 4 12