

# Lucia G Albuquerque

## List of Publications by Citations

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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	Estimates of covariance functions for growth from birth to 630 days of age in Nelore cattle. <i>Journal of Animal Science</i> , <b>2001</b> , 79, 2776-89	0.7	107
305	Study of whole genome linkage disequilibrium in Nellore cattle. <i>BMC Genomics</i> , <b>2013</b> , 14, 305	4.5	80
304	PSVIII-38 Genomic prediction for tick resistance in Angus cattle. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 263-263		78
303	PSVIII-41 Study of functional variants in homozygous islands in Nelore cattle. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 260-261	0.7	78
302	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> , <b>2019</b> , 97, 318-319	0.7	78
301	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> , <b>2001</b> , 118, 83-92	2.9	63
300	Genetic associations between carcass traits measured by real-time ultrasound and scrotal circumference and growth traits in Nelore cattle. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 52-8	0.7	56
299	Genome-wide association between single nucleotide polymorphisms with beef fatty acid profile in Nellore cattle using the single step procedure. <i>BMC Genomics</i> , <b>2016</b> , 17, 213	4.5	50
298	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> , <b>2010</b> , 88, 1215-9	0.7	50
297	Genome-Wide Association Study for Indicator Traits of Sexual Precocity in Nellore Cattle. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159502	3.7	49
296	Genome-Wide Association Study of Meat Quality Traits in Nellore Cattle. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157845	3.7	47
295	Herdabilidades e correlações entre pesos do nascimento ^idade adulta em rebanhos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2009</b> , 38, 2320-2326	1.2	45
294	Random regression models to estimate test-day milk yield genetic parameters Holstein cows in Southeastern Brazil. <i>Livestock Science</i> , <b>2009</b> , 123, 1-7	1.7	45
293	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> , <b>2011</b> , 141, 12-16	1.7	44
292	Covariance functions for body weight from birth to maturity in Nellore cows. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 849-59	0.7	44
291	Estimates of genetic correlations between days to calving and reproductive and weight traits in Nelore cattle. <i>Journal of Animal Science</i> , <b>2005</b> , 83, 1511-5	0.7	43
290	Genomic prediction of breeding values for carcass traits in Nellore cattle. <i>Genetics Selection Evolution</i> , <b>2016</b> , 48, 7	4.9	40

289	Comparison of different nonlinear functions to describe Nelore cattle growth. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 496-506	0.7	40
288	Comparison of non-linear growth models to describe the growth curve in West African Dwarf sheep. <i>Animal</i> , <b>2008</b> , 2, 1003-12	3.1	40
287	Estimativas de parâmetros genéticos para altura do posterior, peso e circunferência escrotal em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2007</b> , 36, 1761-1768	1.2	40
286	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> , <b>2010</b> , 39, 746-751	1.2	39
285	Associações genéticas entre pesos e características reprodutivas em rebanhos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2008</b> , 37, 596-601	1.2	39
284	Gene expression profile of intramuscular muscle in Nellore cattle with extreme values of fatty acid. <i>BMC Genomics</i> , <b>2016</b> , 17, 972	4.5	39
283	Estimativas de parâmetros genéticos para os escores visuais e suas associações com peso corporal em bovinos de corte. <i>Revista Brasileira De Zootecnia</i> , <b>2010</b> , 39, 1015-1022	1.2	38
282	Correlações genéticas entre medidas de perímetro escrotal e características produtivas e reprodutivas de fêmeas da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2007</b> , 36, 565-571	1.2	38
281	Genetic and environmental factors affecting ultrasound measures of longissimus muscle area and backfat thickness in Nelore cattle. <i>Livestock Science</i> , <b>2008</b> , 117, 147-154	1.7	37
280	Genome-Wide Association Study for Carcass Traits in an Experimental Nellore Cattle Population. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169860	3.7	37
279	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 Nellore cattle. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2011</b> , 63, 143-152	0.3	36
278	Estudo genético da precocidade sexual de novilhas em um rebanho Nellore. <i>Revista Brasileira De Zootecnia</i> , <b>2005</b> , 34, 1568-1572	1.2	34
277	Genomic Regions Associated with Feed Efficiency Indicator Traits in an Experimental Nellore Cattle Population. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164390	3.7	34
276	Genetic association between body composition measured by ultrasound and visual scores in Brazilian Nellore cattle. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 4223-9	0.7	33
275	Phenotypic plasticity of composite beef cattle performance using reaction norms model with unknown covariate. <i>Animal</i> , <b>2013</b> , 7, 202-10	3.1	31
274	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> , <b>2003</b> , 32, 1104-1113	1.2	31
273	Correlações genéticas entre escores visuais e características de carcaça medidas por ultrassom em bovinos de corte. <i>Pesquisa Agropecuária Brasileira</i> , <b>2009</b> , 44, 197-202	1.8	31
272	Accuracies of genomic prediction of feed efficiency traits using different prediction and validation methods in an experimental Nellore cattle population. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 3613-3623	0.7	31

271	Estimativas de herdabilidade para idade ao primeiro parto de novilhas da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2004</b> , 33, 97-102	1.2	30
270	Genetic associations between scrotal circumference and female reproductive traits in Nelore cattle. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 2706-13	0.7	29
269	Genetic associations of sexual precocity with growth traits and visual scores of conformation, finishing, and muscling in Nelore cattle. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 1591-7	0.7	29
268	Genetic parameters for buffalo milk yield and milk quality traits using Bayesian inference. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 2195-201	4	28
267	Genome-wide association study of reproductive traits in Nellore heifers using Bayesian inference. <i>Genetics Selection Evolution</i> , <b>2015</b> , 47, 67	4.9	27
266	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> , <b>2015</b> , 169, 65-72	8.5	26
265	SNP detection using RNA-sequences of candidate genes associated with puberty in cattle. <i>Genetics and Molecular Research</i> , <b>2017</b> , 16,	1.2	26
264	Random regression models using Legendre polynomials or linear splines for test-day milk yield of dairy Gyr ( <i>Bos indicus</i> ) cattle. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 565-74	4	26
263	Genetic associations between flight speed and growth traits in Nellore cattle. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 3427-32	0.7	26
262	Genetic correlations between mature cow weight and productive and reproductive traits in Nellore cattle. <i>Genetics and Molecular Research</i> , <b>2012</b> , 11, 2979-86	1.2	26
261	Genotype by environment interaction for 450-day weight of Nelore cattle analyzed by reaction norm models. <i>Genetics and Molecular Biology</i> , <b>2009</b> , 32, 281-7	2	26
260	Phenotypic and Genetic Correlations of Feed Efficiency Traits with Growth and Carcass Traits in Nellore Cattle Selected for Postweaning Weight. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161366	3.7	26
259	Estimativas de herdabilidade e correlações para escores visuais, peso e altura ao sobreano em rebanhos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2009</b> , 38, 2362-2367	1.2	25
258	Testicular traits as selection criteria for young Nellore bulls. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 2061-7	0.7	25
257	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> , <b>2006</b> , 35, 1915-1925	1.2	25
256	History, structure, and genetic diversity of Brazilian Gir cattle. <i>Livestock Science</i> , <b>2014</b> , 163, 26-33	1.7	23
255	Comparison of selective genotyping strategies for prediction of breeding values in a population undergoing selection. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 4716-22	0.7	23
254	Genetic associations of conformation, finishing precocity and muscling visual scores with mature weight in Nelore cattle. <i>Livestock Science</i> , <b>2011</b> , 135, 238-243	1.7	23

253	Analysis of beef cattle longitudinal data applying a nonlinear model. <i>Journal of Animal Science</i> , <b>2007</b> , 85, 3189-97	0.7	23
252	Genome-wide association study provides strong evidence of genes affecting the reproductive performance of Nellore beef cows. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178551	3.7	23
251	Genome scan for postmortem carcass traits in Nellore cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 4087-4095	22	
250	Genetic parameters and relationships between growth traits and scrotal circumference measured at different ages in Nellore cattle. <i>Genetics and Molecular Biology</i> , <b>2011</b> , 34, 225-30	2	22
249	Random regression models using different functions to model test-day milk yield of Brazilian Holstein cows. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 3565-75	1.2	22
248	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> , <b>1998</b> , 81, 544-9	4	22
247	Estimativas de parâmetros genéticos para produção de leite e persistência da lactação em vacas Gir, aplicando modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , <b>2008</b> , 37, 1584-1594	1.2	22
246	Tendências genéticas para escores visuais de conformação, precocidade e musculatura ^ desmama de bovinos Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2007</b> , 36, 572-577	1.2	22
245	Genetic aspects of productive and reproductive traits in a Murrah buffalo herd in São Paulo, Brazil. <i>Journal of Animal Breeding and Genetics</i> , <b>2000</b> , 117, 331-336	2.9	22
244	Genome-Wide Association Study between Single Nucleotide Polymorphisms and Flight Speed in Nellore Cattle. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156956	3.7	22
243	Differences in global gene expression in muscle tissue of Nellore cattle with divergent meat tenderness. <i>BMC Genomics</i> , <b>2017</b> , 18, 945	4.5	21
242	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> , <b>2011</b> , 181, 309-15	2.8	21
241	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> , <b>2010</b> , 127, 289-99	2.9	21
240	Genetic parameter estimates for carcass traits and visual scores including or not genomic information. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 1821-6	0.7	21
239	Unraveling genetic sensitivity of beef cattle to environmental variation under tropical conditions. <i>Genetics Selection Evolution</i> , <b>2019</b> , 51, 29	4.9	20
238	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> , <b>2015</b> , 93, 1503-10	0.7	20
237	Sliding window haplotype approaches overcome single SNP analysis limitations in identifying genes for meat tenderness in Nelore cattle. <i>BMC Genetics</i> , <b>2019</b> , 20, 8	2.6	19
236	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> , <b>2010</b> , 9, 1636-44	1.2	19

235	Assessment of DGAT1 and LEP gene polymorphisms in three Nelore ( <i>Bos indicus</i> ) lines selected for growth and their relationship with growth and carcass traits. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 435-41 <sup>0.7</sup>	19
234	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> , <b>2011</b> , 89, 3410-25	0.7 19
233	Test-day milk yield as a selection criterion for dairy buffaloes ( <i>Bubalus bubalis</i> Artiodactyla, Bovidae). <i>Genetics and Molecular Biology</i> , <b>2008</b> , 31, 674-679	2 19
232	Correla�es gen�icas entre escores visuais e caracter�icas reprodutivas em bovinos Nelore usando infer�cia bayesiana. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2010</b> , 45, 1412-1418	1.8 19
231	Estimativas de herdabilidade para per�metro escrotal de animais da ra� Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2003</b> , 32, 1878-1882	1.2 19
230	Association between single-nucleotide polymorphisms and milk production traits in buffalo. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 10256-68	1.2 19
229	Meat quality traits of Nellore bulls according to different degrees of backfat thickness: a multivariate approach. <i>Animal Production Science</i> , <b>2017</b> , 57, 363	1.4 18
228	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> , <b>2013</b> , 130, 417-24	2.9 18
227	Efeito da endogamia sobre caracter�icas de crescimento de bovinos da ra� Gir no Brasil. <i>Revista Brasileira De Zootecnia</i> , <b>2000</b> , 29, 1014-1019	1.2 18
226	Altura da garupa e sua associa� com caracter�icas reprodutivas e de crescimento na ra� Nelore. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2010</b> , 45, 613-620	1.8 17
225	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> , <b>2008</b> , 31, 665-673	2 17
224	Inbreeding depression in Zebu cattle traits. <i>Journal of Animal Breeding and Genetics</i> , <b>2016</b> , 133, 523-533	2.9 17
223	Genome-wide scan highlights the role of candidate genes on phenotypic plasticity for age at first calving in Nellore heifers. <i>Scientific Reports</i> , <b>2020</b> , 10, 6481	4.9 16
222	Structure and genetic diversity of Brazilian Zebu cattle breeds assessed by pedigree analysis. <i>Livestock Science</i> , <b>2016</b> , 187, 6-15	1.7 16
221	Genome-wide scan reveals population stratification and footprints of recent selection in Nelore cattle. <i>Genetics Selection Evolution</i> , <b>2018</b> , 50, 22	4.9 16
220	Study of lipid metabolism-related genes as candidate genes of sexual precocity in Nellore cattle. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 234-43	1.2 16
219	Estima� de par�metros gen�icos para peso em diferentes idades para animais da ra� Tabapu�. <i>Revista Brasileira De Zootecnia</i> , <b>2005</b> , 34, 1914-1919	1.2 16
218	Influ�ncia de Alguns Fatores de Ambiente sobre os Escores de Conforma�, Precocidade e Musculatura ^ Desmama em um Rebanho da Ra� Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2001</b> , 30, 1697-1703	1.6

217	Análise genética de escores de avaliação visual de bovinos com modelos bayesianos de limiar e linear. <i>Pesquisa Agropecuária Brasileira</i> , 2008, 43, 835-841	1.8	16
216	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
215	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
214	Genetic variability for temperament indicators of Nellore cattle. <i>Journal of Animal Science</i> , 2013, 91, 3530-7	1.5	
213	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
212	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
211	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
210	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
209	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
208	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
207	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
206	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
205	Parâmetros genéticos entre características de leite, de peso e a idade ao primeiro parto em gado misto 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
204	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
203	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
202	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
201	Association between JY-1 gene polymorphisms and reproductive traits in beef cattle. <i>Gene</i> , 2014, 533, 477-80	3.8	13
200	Genetic parameters for production traits of dairy Gyr ( <i>Bos indicus</i> ) x Holstein cattle estimated with a random regression model. <i>Livestock Science</i> , 2013, 158, 24-31	1.7	13

199	Random regression analyses using B-spline functions to model growth of Nellore cattle. <i>Animal</i> , <b>2012</b> , 6, 212-20	3.1	13
198	Suckling behaviour of Nellore, Gir and Caracu calves and their crosses. <i>Applied Animal Behaviour Science</i> , <b>2006</b> , 101, 276-287	2.2	13
197	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> , <b>2003</b> , 32, 284-294	1.2	13
196	Estimates of covariance functions for growth of Nellore cattle applying a parametric correlation structure to model within-animal correlations. <i>Livestock Science</i> , <b>2005</b> , 93, 213-222		13
195	Reaction norm for yearling weight in beef cattle using single-step genomic evaluation. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 27-34	0.7	12
194	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> , <b>2017</b> , 58, 123-132	2.5	12
193	Genetic association of growth traits with carcass and meat traits in Nellore cattle. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 18713-9	1.2	12
192	Estimação de funções de covariância para características de crescimento da raça Tabapuá utilizando modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , <b>2010</b> , 39, 1037-1045	1.2	12
191	Models for genetic evaluation of Nellore cattle mature body weight. <i>Journal of Animal Science</i> , <b>2008</b> , 86, 2840-4	0.7	12
190	Bayesian inference in genetic parameter estimation of visual scores in Nellore beef-cattle. <i>Genetics and Molecular Biology</i> , <b>2009</b> , 32, 753-60	2	12
189	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. <i>Journal of Dairy Science</i> , <b>1995</b> , 78, 1591-6	4	12
188	Fatores de correlação de escores visuais de conformidade, precocidade e musculatura, ^ desmama, para idade da vaca ao parto, data juliana de nascimento e idade ^ desmama em bovinos da raça Nellore. <i>Revista Brasileira De Zootecnia</i> , <b>2004</b> , 33, 2044-2053	1.2	12
187	Genomic selection for meat quality traits in Nellore cattle. <i>Meat Science</i> , <b>2019</b> , 148, 32-37	6.4	12
186	Copy number variation regions in Nellore cattle: Evidences of environment adaptation. <i>Livestock Science</i> , <b>2018</b> , 207, 51-58	1.7	12
185	Genetic association between temperament and sexual precocity indicator traits in Nellore cattle. <i>Journal of Applied Genetics</i> , <b>2015</b> , 56, 349-54	2.5	11
184	Genome-wide association study for growth traits in Nellore cattle. <i>Animal</i> , <b>2018</b> , 12, 1358-1362	3.1	11
183	Genetic associations of visual scores with subsequent rebreeding and days to first calving in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , <b>2012</b> , 129, 448-56	2.9	11
182	Principal components and factor analytic models for birth to mature weights in Nellore cattle. <i>Livestock Science</i> , <b>2013</b> , 152, 135-142	1.7	11

181	Evaluation of productivity of sexually precocious Nelore heifers. <i>Animal</i> , <b>2015</b> , 9, 938-43	3.1	11
180	Water buffalo genome characterization by the Illumina BovineHD BeadChip. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 4202-15	1.2	11
179	Genotype by environment interaction for birth and weaning weights of composite beef cattle in different regions of Brazil. <i>Livestock Science</i> , <b>2012</b> , 149, 242-249	1.7	11
178	Effect of lactation length adjustment procedures on genetic parameter estimates for buffalo milk yield. <i>Genetics and Molecular Biology</i> , <b>2011</b> , 34, 62-7	2	11
177	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> , <b>2010</b> , 127, 433-41	2.9	11
176	Objetivos de seleção e valores econômicos em sistemas de produção de gado de corte no Brasil. <i>Revista Brasileira De Zootecnia</i> , <b>2007</b> , 36, 1549-1558	1.2	11
175	Modelo bioeconômico para cálculo de custos e receitas em sistemas de produção de gado de corte visando à obtenção de valores econômicos de características produtivas e reprodutivas. <i>Revista Brasileira De Zootecnia</i> , <b>2006</b> , 35, 2187-2196	1.2	11
174	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> , <b>2005</b> , 57, 518-523	0.3	11
173	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> , <b>2011</b> , 10, 2944-52	1.2	11
172	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> , <b>2016</b> , 17, 89	2.6	11
171	Prediction of meat quality traits in Nelore cattle by near-infrared reflectance spectroscopy. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 4229-4237	0.7	10
170	Genomic association for sexual precocity in beef heifers using pre-selection of genes and haplotype reconstruction. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190197	3.7	10
169	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> , <b>2012</b> , 144, 148-156	1.7	10
168	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> , <b>2017</b> , 123, 64-66	6.4	10
167	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> , <b>2015</b> , 14, 7151-62	1.2	10
166	Associations between single nucleotide polymorphisms and carcass traits in Nellore cattle using high-density panels. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 11133-44	1.2	10
165	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> , <b>2012</b> , 39, 10105-9	2.8	10
164	Genetic parameters for milk, fat and protein yields in Murrah buffaloes ( <i>Bubalus bubalis</i> Artiodactyla, Bovidae). <i>Genetics and Molecular Biology</i> , <b>2010</b> , 33, 71-7	2	10

163	Análise bayesiana na estimativa de correlações genéticas entre escores visuais e características reprodutivas de bovinos Nelore utilizando modelos linear-limiar. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 949-958	0.3	10
162	Comparação entre os valores genéticos para características de crescimento de bovinos da raça Nelore preditos com modelos de dimensão finita ou infinita. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 238-246	1.2	10
161	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
160	Genomic prediction for beef fatty acid profile in Nellore cattle. <i>Meat Science</i> , 2017, 128, 60-67	6.4	9
159	Association between single nucleotide polymorphisms and sexual precocity in Nellore heifers. <i>Animal Reproduction Science</i> , 2017, 177, 88-96	2.1	9
158	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
157	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
156	Prediction of hub genes associated with intramuscular fat content in Nellore cattle. <i>BMC Genomics</i> , 2019, 20, 520	4.5	9
155	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
154	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
153	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
152	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
151	Modelos de dimensão finita para a estimativa de parâmetros genéticos para a produção de leite de primeiras lactações de vacas da raça Holandesa. <i>Ciencia Rural</i> , 2008, 38, 1705-1710	1.3	9
150	Efeito da idade de exposição de novilhas ^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
149	Efeitos ambientais que afetam o ganho de peso pré-desmama em animais Angus, Hereford, Nelore e mestis de Angus-Nelore e Hereford-Nelore. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 887-890	1.2	9
148	Avaliação genética de características de escores visuais de bovinos da raça Nelore da desmama até a maturidade. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 1191-1200	1.2	9
147	Spliced genes in muscle from Nellore Cattle and their association with carcass and meat quality. <i>Scientific Reports</i> , 2020, 10, 14701	4.9	9
146	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

145	Relationships between temperament, meat quality, and carcass traits in Nellore cattle1. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 4721-4731	0.7	8
144	Polymorphism analysis in genes of the somatotropic axis in Nellore cattle selected for growth. <i>Gene</i> , <b>2014</b> , 545, 215-9	3.8	8
143	Associations of FASN gene polymorphisms with economical traits in Nellore cattle ( <i>Bos primigenius indicus</i> ). <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 10097-104	2.8	8
142	Parâmetros genéticos de escore visual do umbigo em bovinos da raça Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2011</b> , 63, 941-947	0.3	8
141	Environmental and genetic factors affecting the weaning-estrus interval in sows. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 2692-701	1.2	8
140	Estimates of genetic parameters for scrotal circumference using random regression models in Nellore cattle. <i>Livestock Science</i> , <b>2011</b> , 137, 205-209	1.7	8
139	Evaluation of TFAM and FABP4 gene polymorphisms in three lines of Nellore cattle selected for growth. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2050-9	1.2	8
138	Genetic parameters of total milk yield and factors describing the shape of lactation curve in dairy buffaloes. <i>Journal of Dairy Research</i> , <b>2012</b> , 79, 60-5	1.6	8
137	Características reprodutivas e suas associações com outras características de importância econômica na raça Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2012</b> , 64, 91-100	0.3	8
136	Efeitos ambientais sobre ganho de peso no período do nascimento ao desmame em bovinos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>1999</b> , 28, 55-64	1.2	8
135	Estimação de parâmetros genéticos para produção de leite de cabras da raça Alpina. <i>Revista Brasileira De Zootecnia</i> , <b>2006</b> , 35, 396-404	1.2	8
134	Estimativas de correlações genéticas entre escores visuais e características de carcaça medidas por ultrassonografia em bovinos Nelore utilizando modelos bayesianos linear-limiar. <i>Revista Brasileira De Zootecnia</i> , <b>2009</b> , 38, 2144-2151	1.2	8
133	Polymorphisms in TOX and NCOA2 genes and their associations with reproductive traits in cattle. <i>Reproduction, Fertility and Development</i> , <b>2015</b> , 27, 523-8	1.8	7
132	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> , <b>2015</b> , 98, 3492-3	4	7
131	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> , <b>2015</b> , 56, 107-13	2.5	7
130	Genetic parameters for fatty acids in intramuscular fat from feedlot-finished Nellore carcasses. <i>Animal Production Science</i> , <b>2018</b> , 58, 234	1.4	7
129	Genetic analysis of carcass and meat quality traits in Nellore cattle1. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 3558-3564	0.7	7
128	Genetic parameters for scrotal circumference, breeding soundness examination and sperm defects in young Nellore bulls. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 4611-6	0.7	7

127	Random regression models to estimate genetic parameters for test-day milk yield in Brazilian Murrah buffaloes. <i>Journal of Animal Breeding and Genetics</i> , <b>2010</b> , 127, 369-76	2.9	7
126	Estimation of genetic parameters for milk yield in Murrah buffaloes by Bayesian inference. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 784-91	4	7
125	Milk fatty acid characterization and genetic parameter estimates for milk conjugated linoleic acid in buffaloes. <i>Journal of Dairy Research</i> , <b>2011</b> , 78, 178-83	1.6	7
124	Genetic parameters for test-day yield of milk, fat and protein in buffaloes estimated by random regression models. <i>Journal of Dairy Research</i> , <b>2012</b> , 79, 272-9	1.6	7
123	$\beta$ -casein gene polymorphism permits identification of bovine milk mixed with bubaline milk in mozzarella cheese. <i>Genetics and Molecular Biology</i> , <b>2008</b> , 31, 902-905	2	7
122	Estimativas de parâmetros genéticos de características de crescimento em um rebanho Caracu selecionado para peso ao sobreano. <i>Revista Brasileira De Zootecnia</i> , <b>2006</b> , 35, 1669-1676	1.2	7
121	Estimativa de parâmetros genéticos, fenotípicos e ambientes 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> , <b>2002</b> , 31, 1953-1963 <sup>1,2</sup>	1.2	7
120	Genomic analysis of stayability in Nellore cattle. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179076	3.7	7
119	Efeitos da Heterogeneidade de Variância Residual entre Grupos de Contemporâneos na Avaliação Genética de Bovinos de Corte. <i>Revista Brasileira De Zootecnia</i> , <b>2002</b> , 31, 1680-1688	1.2	7
118	Interação genótipo-ambiente em cruzamentos de bovinos de corte. <i>Revista Brasileira De Zootecnia</i> , <b>2006</b> , 35, 1677-1683	1.2	7
117	Genetic analysis of visual scores and their relationships to mature female weight in Nellore breed. <i>Revista Brasileira De Zootecnia</i> , <b>2011</b> , 40, 100-105	1.2	7
116	Parâmetros genéticos de características de carcaça e de crescimento de bovinos da raça Nelore. <i>Archivos De Zootecnia</i> , <b>2013</b> , 62, 123-129	1.4	7
115	Prediction of genomic breeding values for reproductive traits in Nellore heifers. <i>Theriogenology</i> , <b>2019</b> , 125, 12-17	2.8	7
114	Use of gene expression profile to identify potentially relevant transcripts to myofibrillar fragmentation index trait. <i>Functional and Integrative Genomics</i> , <b>2020</b> , 20, 609-619	3.8	7
113	Genome-wide association study identified genomic regions and putative candidate genes affecting meat color traits in Nellore cattle. <i>Meat Science</i> , <b>2021</b> , 171, 108288	6.4	7
112	Enteric methane mitigation strategies for ruminant livestock systems in the Latin America and Caribbean region: A meta-analysis. <i>Journal of Cleaner Production</i> , <b>2021</b> , 312, 127693	10.3	7
111	Genetic parameter estimates for temperament, heifer rebreeding, and stayability in Nellore cattle. <i>Livestock Science</i> , <b>2017</b> , 206, 45-50	1.7	6
110	Genetic and genomic analyses of testicular hypoplasia in Nellore cattle. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211159	3.7	6

109	RAPID COMMUNICATION: Multi-breed validation study unraveled genomic regions associated with puberty traits segregating across tropically adapted breeds1. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 3027-3033	0.7	6
108	Selection for higher body weight in Nelore cattle is effective in achieving an increase of longissimus muscle area without reducing subcutaneous fat thickness. <i>Revista Brasileira De Zootecnia</i> , <b>2012</b> , 41, 1426-1432	1.2	6
107	Modelos de regressão aleatória na avaliação genética do crescimento de ovinos da raça Santa Inês. <i>Revista Brasileira De Zootecnia</i> , <b>2010</b> , 39, 1723-1732	1.2	6
106	Parametric correlation functions to model the structure of permanent environmental (co)variances in milk yield random regression models. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4634-40	4	6
105	Analysis of culling probability in dairy buffalo using survival models. <i>Animal</i> , <b>2010</b> , 4, 1325-9	3.1	6
104	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> , <b>2006</b> , 35, 706-714	1.2	6
103	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> , <b>2000</b> , 52, 69-75	0.3	6
102	Comparação de alguns modelos matemáticos para o ajuste às curvas de lactação individuais de vacas da raça Caracu. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2002</b> , 54, 295-302	0.3	6
101	Associação genética da prenhez aos 16 meses com o peso à desmama e o ganho de peso em animais da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , <b>2009</b> , 38, 1211-1217	1.2	6
100	Valores econômicos para sistemas de recria e engorda de bovinos Nelore e cruzado. <i>Archivos De Zootecnia</i> , <b>2016</b> , 65, 145-154	1.4	6
99	Breeding value accuracy estimates for growth traits using random regression and multi-trait models in Nelore cattle. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 1227-36	1.2	6
98	Differential expression of immune response genes associated with subclinical mastitis in dairy buffaloes. <i>Animal</i> , <b>2019</b> , 13, 1651-1657	3.1	6
97	Transcriptome profiling of muscle in Nelore cattle phenotypically divergent for the ribeye muscle area. <i>Genomics</i> , <b>2020</b> , 112, 1257-1263	4.3	6
96	Genetic association among feeding behavior, feed efficiency, and growth traits in growing indicine cattle. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	5
95	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> , <b>2020</b> , 98,	0.7	5
94	Genomic reaction norm models exploiting genotype-environment interaction on sexual precocity indicator traits in Nellore cattle. <i>Animal Genetics</i> , <b>2020</b> , 51, 210-223	2.5	5
93	MUC1 gene polymorphism in three Nelore lines selected for growth and its association with growth and carcass traits. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 1541-9	2.8	5
92	Estimates of genetic parameters for total milk yield over multiple ages in Brazilian Murrah buffaloes using different models. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 2784-95	1.2	5

91	Bayesian analysis of random regression models using B-splines to model test-day milk yield of Holstein cattle in Brazil. <i>Livestock Science</i> , <b>2012</b> , 150, 401-406	1.7	5
90	Avaliação genética de caprinos da raça Alpina utilizando-se a produção de leite no dia do controle. <i>Revista Brasileira De Zootecnia</i> , <b>2006</b> , 35, 443-451	1.2	5
89	Genetic parameters and relationships between heifers rebreeding and hip height in Nellore cattle. <i>Revista Brasileira De Zootecnia</i> , <b>2012</b> , 41, 598-602	1.2	5
88	Random regression analysis of test-day milk yields in the first and second lactations of Brazilian Gyr cows. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 16497-507	1.2	5
87	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> , <b>2020</b> , 137, 468-476	2.9	5
86	Identification of novel mRNA isoforms associated with meat tenderness using RNA sequencing data in beef cattle. <i>Meat Science</i> , <b>2021</b> , 173, 108378	6.4	5
85	Test-day or 305-day milk yield for genetic evaluation of Gir cattle. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2019</b> , 54,	1.8	4
84	Genome Association Study for Visual Scores in Nellore Cattle Measured at Weaning. <i>BMC Genomics</i> , <b>2019</b> , 20, 150	4.5	4
83	Contemporary group alternatives for genetic evaluation of milk yield in small populations of dairy cattle. <i>Animal Production Science</i> , <b>2019</b> , 59, 1022	1.4	4
82	Random regression models using different functions to model milk flow in dairy cows. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 7528-41	1.2	4
81	Comparison of a genetic group and unknown paternity models for growth traits in Nellore cattle. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 5135-43	0.7	4
80	Comparison of factor-analytic and reduced rank models for test-day milk yield in Gyr dairy cattle ( <i>Bos indicus</i> ). <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 4036-45	1.2	4
79	Modeling of average growth curve in Santa Inês sheep using random regression models. <i>Revista Brasileira De Zootecnia</i> , <b>2011</b> , 40, 314-322	1.2	4
78	Genetic parameters for first lactation test-day milk flow in Holstein cows. <i>Animal</i> , <b>2012</b> , 6, 31-5	3.1	4
77	Comparação de modelos de regressão aleatória para estimativa de parâmetros genéticos em caprinos leiteiros. <i>Revista Brasileira De Zootecnia</i> , <b>2008</b> , 37, 1788-1796	1.2	4
76	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> , <b>2007</b> , 6, 368-371	2.2	4
75	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> , <b>2004</b> , 26, 475	0.3	4
74	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> , <b>2005</b> , 34, 496-507	1.2	4

73	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> , <b>2005</b> , 57, 524-532	0.3	4
72	Efeitos da utilização de diferentes covariáveis na avaliação do ganho de peso médio diário em suínos. <i>Revista Brasileira De Zootecnia</i> , <b>2001</b> , 30, 736-743	1.2	4
71	Resposta à Seleção para Características de Desempenho em um Rebanho de Seleção de Suínos. <i>Revista Brasileira De Zootecnia</i> , <b>2001</b> , 30, 2009-2016	1.2	4
70	Estimativa de ganho genético a partir de diferenciais de seleção e parâmetros populacionais em um rebanho Caracu. <i>Revista Brasileira De Zootecnia</i> , <b>2005</b> , 34, 2245-2252	1.2	4
69	Estimação de componentes de co-variância para pesos corporais do nascimento aos 365 dias de idade de bovinos Guzerá empregando-se modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , <b>2009</b> , 38, 50-60	1.2	4
68	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> , <b>2012</b> , 11, 4516-24	1.2	4
67	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> , <b>2020</b> , 103, 1642-1650	4	4
66	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> , <b>2019</b> , 18, 182-188	2.2	4
65	Genetic parameter estimates for prenatal and postnatal mortality in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , <b>2017</b> , 134, 27-33	2.9	3
64	Selection signatures in candidate genes and QTL for reproductive traits in Nellore heifers. <i>Animal Reproduction Science</i> , <b>2019</b> , 207, 1-8	2.1	3
63	Reaction norm model to describe environmental sensitivity across first lactation in dairy cattle under tropical conditions. <i>Tropical Animal Health and Production</i> , <b>2015</b> , 47, 1405-10	1.7	3
62	Selection strategies for dairy buffaloes: economic and genetic consequences. <i>Journal of Animal Breeding and Genetics</i> , <b>2012</b> , 129, 488-500	2.9	3
61	Analysis of genetic correlations of hip height with selection indices and mature weight in Nelore cattle. <i>Journal of Applied Genetics</i> , <b>2013</b> , 54, 89-95	2.5	3
60	Prospecting polymorphisms in the PPP3CA and FABP4 genes and their association with early pregnancy probability in Nellore heifers. <i>Livestock Science</i> , <b>2017</b> , 203, 76-81	1.7	3
59	Aplicação de modelos não-lineares para descrever a evolução de características de crescimento e carcaça em bovinos da raça Hereford. <i>Ciencia Rural</i> , <b>2013</b> , 43, 513-519	1.3	3
58	Characterization and polymorphism screening of IGF-I and prolactin genes in Nellore heifers. <i>Italian Journal of Animal Science</i> , <b>2009</b> , 8, 277-283	2.2	3
57	Comparação de alguns modelos matemáticos para ajuste à curva de lactação média de um rebanho da raça Caracu. <i>Revista Brasileira De Zootecnia</i> , <b>1999</b> , 28, 987-992	1.2	3
56	Parâmetros genéticos para produção de leite no dia do controle e para produção de leite até 50 dias nas primeiras lactações de vacas da raça Gir. <i>Revista Brasileira De Zootecnia</i> , <b>2008</b> , 37, 1774-1780	1.2	3

55	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> , <b>1999</b> , 28, 65-73	1.2	3
54	Genome-wide association study for beef fatty acid profile using haplotypes in Nellore cattle. <i>Livestock Science</i> , <b>2021</b> , 245, 104396	1.7	3
53	Genome-wide scan reveals genomic regions and candidate genes underlying direct and maternal effects of preweaning calf mortality in Nellore cattle. <i>Genomics</i> , <b>2021</b> , 113, 1386-1395	4.3	3
52	Influence of X-chromosome markers on reproductive traits of beef cattle. <i>Livestock Science</i> , <b>2019</b> , 220, 152-157	1.7	3
51	Evaluation of longevity modeling censored records in Nellore. <i>Animal</i> , <b>2017</b> , 11, 2113-2119	3.1	2
50	Linkage Disequilibrium-Based Inference of Genome Homology and Chromosomal Rearrangements Between Species. <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 2327-2343	3.2	2
49	Genomic regions associated with principal components for growth, visual score and reproductive traits in Nellore cattle. <i>Livestock Science</i> , <b>2020</b> , 233, 103936	1.7	2
48	Method for the estimation of genetic merit of animals with uncertain paternity under Bayesian inference. <i>Journal of Animal Breeding and Genetics</i> , <b>2018</b> , 135, 116-123	2.9	2
47	Polymorphism analysis in genes associated with meat tenderness in Nellore cattle. <i>Meta Gene</i> , <b>2018</b> , 18, 73-78	0.7	2
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44	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> , <b>2006</b> , 35, 1329-1335	1.2	2
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42	Multivariate analysis of test-day and total milk yield in goats. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 13719-27	1.2	2
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40	Estimates of genetic parameters for stayability and their associations with traits of economic interest in Gir dairy cows. <i>Genetics and Molecular Research</i> , <b>2016</b> , 15,	1.2	2
39	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> , <b>2016</b> , 15,	1.2	2
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33	Mapping genomic regions for reproductive traits in beef cattle: Inclusion of the X chromosome. <i>Reproduction in Domestic Animals</i> , <b>2020</b> , 55, 1650-1654	1.6	2
32	Frequencies of candidate genes and associations with carcass and meat traits in Nellore and crossbred cattle. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2016</b> , 51, 169-176	1.8	2
31	Differentially expressed genes identified through RNA-seq with extreme values of principal components for beef fatty acid in Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , <b>2021</b> , 138, 80-90 <sup>2,9</sup>	2.9	2
30	Genome-enabled prediction of reproductive traits in Nellore cattle using parametric models and machine learning methods. <i>Animal Genetics</i> , <b>2021</b> , 52, 32-46	2.5	2
29	Genome-wide association study between copy number variation regions and carcass- and meat-quality traits in Nellore cattle. <i>Animal Production Science</i> , <b>2021</b> , 61, 731	1.4	2
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12	Genomic prediction ability for beef fatty acid profile in Nellore cattle using different pseudo-phenotypes. <i>Journal of Applied Genetics</i> , <b>2018</b> , 59, 493-501	2.5	1
11	Investigating potential causal relationships among carcass and meat quality traits using structural equation model in Nellore cattle.. <i>Meat Science</i> , <b>2022</b> , 187, 108771	6.4	1
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