

Lucia G Albuquerque

List of Publications by Year in descending order

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316
papers

5,860
citations

94415

37
h-index

189881

50
g-index

320
all docs

320
docs citations

320
times ranked

2915
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimates of covariance functions for growth from birth to 630 days of age in Nelore cattle. Journal of Animal Science, 2001, 79, 2776.	0.5	132
2	Study of whole genome linkage disequilibrium in Nelore cattle. BMC Genomics, 2013, 14, 305.	2.8	106
3	Genome-Wide Association Study for Indicator Traits of Sexual Precocity in Nelore Cattle. PLoS ONE, 2016, 11, e0159502.	2.5	82
4	Estimates of direct and maternal genetic effects for weights from birth to 600 days of age in Nelore cattle. Journal of Animal Breeding and Genetics, 2001, 118, 83-92.	2.0	78
5	Genome-Wide Association Study of Meat Quality Traits in Nelore Cattle. PLoS ONE, 2016, 11, e0157845.	2.5	76
6	Genome-Wide Association Study for Carcass Traits in an Experimental Nelore Cattle Population. PLoS ONE, 2017, 12, e0169860.	2.5	71
7	Genetic associations between carcass traits measured by real-time ultrasound and scrotal circumference and growth traits in Nelore cattle. Journal of Animal Science, 2010, 88, 52-58.	0.5	68
8	Genome-wide association between single nucleotide polymorphisms with beef fatty acid profile in Nelore cattle using the single step procedure. BMC Genomics, 2016, 17, 213.	2.8	66
9	Genomic Regions Associated with Feed Efficiency Indicator Traits in an Experimental Nelore Cattle Population. PLoS ONE, 2016, 11, e0164390.	2.5	65
10	Random regression models to estimate test-day milk yield genetic parameters Holstein cows in Southeastern Brazil. Livestock Science, 2009, 123, 1-7.	1.6	64
11	Estimation of genetic parameters for body weights, scrotal circumference, and testicular volume measured at different ages in Nelore cattle. Journal of Animal Science, 2010, 88, 1215-1219.	0.5	60
12	Comparison of non-linear growth models to describe the growth curve in West African Dwarf sheep. Animal, 2008, 2, 1003-1012.	3.3	58
13	Genetic parameters and relationships of heifer pregnancy and age at first calving with weight gain, yearling and mature weight in Nelore cattle. Livestock Science, 2011, 141, 12-16.	1.6	56
14	Accuracies of genomic prediction of feed efficiency traits using different prediction and validation methods in an experimental Nelore cattle population. Journal of Animal Science, 2016, 94, 3613-3623.	0.5	55
15	Herdabilidades e correlações entre pesos do nascimento e idade adulta em rebanhos da raça Nelore. Revista Brasileira De Zootecnia, 2009, 38, 2320-2326.	0.8	54
16	Covariance functions for body weight from birth to maturity in Nelore cows. Journal of Animal Science, 2010, 88, 849-859.	0.5	54
17	Sliding window haplotype approaches overcome single SNP analysis limitations in identifying genes for meat tenderness in Nelore cattle. BMC Genomics, 2019, 20, 8.	2.7	53
18	Estimates of genetic correlations between days to calving and reproductive and weight traits in Nelore cattle. Journal of Animal Science, 2005, 83, 1511.	0.5	53

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19	Association between single-nucleotide polymorphisms and milk production traits in buffalo. <i>Genetics and Molecular Research</i> , 2014, 13, 10256-10268.	0.2	53
20	Comparison of different nonlinear functions to describe Nelore cattle growth ¹ . <i>Journal of Animal Science</i> , 2009, 87, 496-506.	0.5	52
21	Gene expression profile of intramuscular muscle in Nelore cattle with extreme values of fatty acid. <i>BMC Genomics</i> , 2016, 17, 972.	2.8	49
22	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.	0.8	49
23	Study of relations among age at first calving, average weight gains and weights from weaning to maturity in Nelore cattle. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 746-751.	0.8	48
24	Genomic prediction of breeding values for carcass traits in Nelore cattle. <i>Genetics Selection Evolution</i> , 2016, 48, 7.	3.0	48
25	Phenotypic and Genetic Correlations of Feed Efficiency Traits with Growth and Carcass Traits in Nelore Cattle Selected for Postweaning Weight. <i>PLoS ONE</i> , 2016, 11, e0161366.	2.5	48
26	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.	0.8	47
27	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.	0.8	47
28	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.	1.6	45
29	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.	0.4	45
30	Estudo genético da precocidade sexual de novilhas em um rebanho Nelore. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 1568-1572.	0.8	44
31	Genetic parameters for buffalo milk yield and milk quality traits using Bayesian inference. <i>Journal of Dairy Science</i> , 2010, 93, 2195-2201.	3.4	44
32	Associações genéticas entre pesos e características reprodutivas em rebanhos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 596-601.	0.8	44
33	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.	9.3	42
34	Phenotypic plasticity of composite beef cattle performance using reaction norms model with unknown covariate. <i>Animal</i> , 2013, 7, 202-210.	3.3	41
35	Genetic association between body composition measured by ultrasound and visual scores in Brazilian Nelore cattle ¹ . <i>Journal of Animal Science</i> , 2012, 90, 4223-4229.	0.5	40
36	Genetic associations between scrotal circumference and female reproductive traits in Nelore cattle ¹ . <i>Journal of Animal Science</i> , 2015, 93, 2706-2713.	0.5	40

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37	Genetic correlations between mature cow weight and productive and reproductive traits in Nelore cattle. <i>Genetics and Molecular Research</i> , 2012, 11, 2979-2986.	0.2	39
38	Genetic aspects of productive and reproductive traits in a Murrah buffalo herd in Sao Paulo, Brazil. <i>Journal of Animal Breeding and Genetics</i> , 2000, 117, 331-336.	2.0	38
39	Estimativas de herdabilidade para idade ao primeiro parto de novilhas da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2004, 33, 97-102.	0.8	38
40	Correlações genéticas entre escores visuais e características de carcaça medidas por ultrassom em bovinos de corte. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 197-202.	0.9	38
41	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.	1.3	36
42	Genome-wide association study provides strong evidence of genes affecting the reproductive performance of Nelore beef cows. <i>PLoS ONE</i> , 2017, 12, e0178551.	2.5	36
43	History, structure, and genetic diversity of Brazilian Gir cattle. <i>Livestock Science</i> , 2014, 163, 26-33.	1.6	35
44	SNP detection using RNA-sequences of candidate genes associated with puberty in cattle. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.2	35
45	Unraveling genetic sensitivity of beef cattle to environmental variation under tropical conditions. <i>Genetics Selection Evolution</i> , 2019, 51, 29.	3.0	35
46	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> , 2013, 96, 565-574.	3.4	34
47	Estimativa de parâmetros genéticos para peso do nascimento aos 550 dias de idade para animais da raça Tabapuã utilizando-se modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1915-1925.	0.8	33
48	Estimativas de herdabilidade e correlações para escores visuais, peso e altura ao sobreano em rebanhos da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 2362-2367.	0.8	33
49	Genetic associations of sexual precocity with growth traits and visual scores of conformation, finishing, and muscling in Nelore cattle1. <i>Journal of Animal Science</i> , 2009, 87, 1591-1597.	0.5	33
50	Genetic associations between flight speed and growth traits in Nelore cattle1. <i>Journal of Animal Science</i> , 2012, 90, 3427-3432.	0.5	33
51	Bioanalytical methods for the metalloproteomics study of bovine longissimus thoracis muscle tissue with different grades of meat tenderness in the Nelore breed (<i>Bos indicus</i>). <i>Food Chemistry</i> , 2015, 169, 65-72.	8.2	33
52	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.	0.8	32
53	Random regression models using different functions to model test-day milk yield of Brazilian Holstein cows. <i>Genetics and Molecular Research</i> , 2011, 10, 3565-3575.	0.2	32
54	Comparison of selective genotyping strategies for prediction of breeding values in a population undergoing selection. <i>Journal of Animal Science</i> , 2012, 90, 4716-4722.	0.5	32

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55	Genome-wide association study of reproductive traits in Nellore heifers using Bayesian inference. <i>Genetics Selection Evolution</i> , 2015, 47, 67.	3.0	32
56	Structure and genetic diversity of Brazilian Zebu cattle breeds assessed by pedigree analysis. <i>Livestock Science</i> , 2016, 187, 6-15.	1.6	32
57	Differences in global gene expression in muscle tissue of Nellore cattle with divergent meat tenderness. <i>BMC Genomics</i> , 2017, 18, 945.	2.8	32
58	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 ¹ . <i>Journal of Animal Science</i> , 2010, 88, 435-441.	0.5	31
59	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, 309-315.	1.8	31
60	Testicular traits as selection criteria for young Nellore bulls. <i>Journal of Animal Science</i> , 2011, 89, 2061-2067.	0.5	31
61	Genetic parameter estimates for carcass traits and visual scores including or not genomic information ¹ . <i>Journal of Animal Science</i> , 2016, 94, 1821-1826.	0.5	31
62	Genome scan for postmortem carcass traits in Nellore cattle ¹ . <i>Journal of Animal Science</i> , 2016, 94, 4087-4095.	0.5	31
63	Gene expression profiling and identification of hub genes in Nellore cattle with different marbling score levels. <i>Genomics</i> , 2020, 112, 873-879.	2.9	31
64	Genome-Wide Association Study between Single Nucleotide Polymorphisms and Flight Speed in Nellore Cattle. <i>PLoS ONE</i> , 2016, 11, e0156956.	2.5	31
65	Genetic association of growth traits with carcass and meat traits in Nellore cattle. <i>Genetics and Molecular Research</i> , 2015, 14, 18713-18719.	0.2	30
66	Inbreeding depression in Zebu cattle traits. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 523-533.	2.0	30
67	Copy number variation regions in Nellore cattle: Evidences of environment adaptation. <i>Livestock Science</i> , 2018, 207, 51-58.	1.6	30
68	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.	3.3	30
69	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, 544-549.	3.4	29
70	Genotype \times 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, 1503-1510.	0.5	29
71	Association study between copy number variation and beef fatty acid profile of Nellore cattle. <i>Journal of Applied Genetics</i> , 2018, 59, 203-223.	1.9	29
72	Tendências genéticas para escores visuais de conformação, precocidade e musculatura à desmama de bovinos Nellore. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 572-577.	0.8	28

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73	Genotype by environment interaction for 450-day weight of Nelore cattle analyzed by reaction norm models. <i>Genetics and Molecular Biology</i> , 2009, 32, 281-287.	1.3	28
74	Analysis of beef cattle longitudinal data applying a nonlinear model. <i>Journal of Animal Science</i> , 2007, 85, 3189-3197.	0.5	27
75	Variance component estimates applying random regression models for test-day milk yield in Caracu heifers (<i>Bos taurus Artiodactyla, Bovidae</i>). <i>Genetics and Molecular Biology</i> , 2008, 31, 665-673.	1.3	27
76	Genetic parameters and relationships between growth traits and scrotal circumference measured at different ages in Nelore cattle. <i>Genetics and Molecular Biology</i> , 2011, 34, 225-230.	1.3	27
77	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> , 2008, 37, 1584-1594.	0.8	26
78	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, 289-299.	2.0	26
79	Correlações genéticas entre escores visuais e características reprodutivas em bovinos Nelore usando inferência bayesiana. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 1412-1418.	0.9	26
80	Genetic associations of conformation, finishing precocity and muscling visual scores with mature weight in Nelore cattle. <i>Livestock Science</i> , 2011, 135, 238-243.	1.6	25
81	Estimativas de herdabilidade para perímetro escrotal de animais da raça Nelore. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 1878-1882.	0.8	25
82	Suckling behaviour of Nelore, Gir and Caracu calves and their crosses. <i>Applied Animal Behaviour Science</i> , 2006, 101, 276-287.	1.9	24
83	Prediction of hub genes associated with intramuscular fat content in Nelore cattle. <i>BMC Genomics</i> , 2019, 20, 520.	2.8	24
84	Estimativa de funções de covariância para características de crescimento da raça Tabapuã utilizando modelos de regressão aleatória. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1037-1045.	0.8	23
85	Genome-wide association study for growth traits in Nelore cattle. <i>Animal</i> , 2018, 12, 1358-1362.	3.3	23
86	Genome-wide scan reveals population stratification and footprints of recent selection in Nelore cattle. <i>Genetics Selection Evolution</i> , 2018, 50, 22.	3.0	23
87	Genomic selection for meat quality traits in Nelore cattle. <i>Meat Science</i> , 2019, 148, 32-37.	5.5	23
88	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, 1636-1644.	0.2	22
89	Linear and Poisson models for genetic evaluation of tick resistance in crossbred Hereford x Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 417-424.	2.0	22
90	Meat quality traits of Nelore bulls according to different degrees of backfat thickness: a multivariate approach. <i>Animal Production Science</i> , 2017, 57, 363.	1.3	22

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91	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, 939-946.	3.4	21
92	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> , 1995, 78, 1591-1596.	3.4	21
93	Estimation of genetic parameters for milk yield in Murrah buffaloes by Bayesian inference. <i>Journal of Dairy Science</i> , 2010, 93, 784-791.	3.4	21
94	Effects of sex and age on genotype \times environment interaction for beef cattle body weight studied using reaction norm models. <i>Journal of Animal Science</i> , 2011, 89, 3410-3425.	0.5	21
95	Genetic variability for temperament indicators of Nelore cattle. <i>Journal of Animal Science</i> , 2013, 91, 3532-3537.	0.5	21
96	Study of lipid metabolism-related genes as candidate genes of sexual precocity in Nelore cattle. <i>Genetics and Molecular Research</i> , 2015, 14, 234-243.	0.2	21
97	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.	0.5	21
98	Reaction norm for yearling weight in beef cattle using single-step genomic evaluation. <i>Journal of Animal Science</i> , 2018, 96, 27-34.	0.5	21
99	Multitrait meta-analysis identified genomic regions associated with sexual precocity in tropical beef cattle. <i>Journal of Animal Science</i> , 2018, 96, 4087-4099.	0.5	21
100	Spliced genes in muscle from Nelore Cattle and their association with carcass and meat quality. <i>Scientific Reports</i> , 2020, 10, 14701.	3.3	21
101	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.	0.9	21
102	Efeito da endogamia sobre características de crescimento de bovinos da raça Gir no Brasil. <i>Revista Brasileira De Zootecnia</i> , 2000, 29, 1014-1019.	0.8	20
103	Altura da garupa e sua associação com características reprodutivas e de crescimento na raça Nelore. <i>Pesquisa Agropecuária Brasileira</i> , 2010, 45, 613-620.	0.9	20
104	Expression of genes related to mitochondrial function in Nelore cattle divergently ranked on residual feed intake. <i>Molecular Biology Reports</i> , 2015, 42, 559-565.	2.3	20
105	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.	2.7	20
106	Genetic correlation estimates between beef fatty acid profile with meat and carcass traits in Nelore cattle finished in feedlot. <i>Journal of Applied Genetics</i> , 2017, 58, 123-132.	1.9	20
107	Genomic association for sexual precocity in beef heifers using pre-selection of genes and haplotype reconstruction. <i>PLoS ONE</i> , 2018, 13, e0190197.	2.5	20
108	Genetic association among feeding behavior, feed efficiency, and growth traits in growing indicine cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	20

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109	Whole-genome sequencing provides new insights into genetic mechanisms of tropical adaptation in Nelore (<i>Bos primigenius indicus</i>). <i>Scientific Reports</i> , 2020, 10, 9412.	3.3	20
110	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.	0.8	19
111	Genetic correlation of traits measured by ultrasound at yearling and 18 months of age in Nelore beef cattle. <i>Livestock Science</i> , 2015, 180, 34-40.	1.6	19
112	Genomic prediction for beef fatty acid profile in Nelore cattle. <i>Meat Science</i> , 2017, 128, 60-67.	5.5	19
113	Relationships between temperament, meat quality, and carcass traits in Nelore cattle. <i>Journal of Animal Science</i> , 2019, 97, 4721-4731.	0.5	19
114	Genome-wide association study identified genomic regions and putative candidate genes affecting meat color traits in Nelore cattle. <i>Meat Science</i> , 2021, 171, 108288.	5.5	19
115	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.	0.8	18
116	Random regression analyses using B-spline functions to model growth of Nelore cattle. <i>Animal</i> , 2012, 6, 212-220.	3.3	18
117	Associations between single nucleotide polymorphisms and carcass traits in Nelore cattle using high-density panels. <i>Genetics and Molecular Research</i> , 2015, 14, 11133-11144.	0.2	18
118	Estimação de parâmetros genéticos para peso em diferentes idades para animais da raça Tabapuã. <i>Revista Brasileira De Zootecnia</i> , 2005, 34, 1914-1919.	0.8	17
119	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, 433-441.	2.0	17
120	Influence of data structure on the estimation of the additive genetic direct and maternal covariance for early growth traits in Nelore cattle. <i>Livestock Science</i> , 2012, 145, 212-218.	1.6	17
121	Genetic parameters for production traits of dairy Gyr (<i>Bos indicus</i>)—Holstein cattle estimated with a random regression model. <i>Livestock Science</i> , 2013, 158, 24-31.	1.6	17
122	Polymorphisms in candidate genes and their association with carcass traits and meat quality in Nelore cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2014, 49, 364-371.	0.9	17
123	Association of ADIPOQ , OLR1 and PPARGC1A gene polymorphisms with growth and carcass traits in Nelore cattle. <i>Meta Gene</i> , 2015, 4, 1-7.	0.6	17
124	Identification of novel mRNA isoforms associated with meat tenderness using RNA sequencing data in beef cattle. <i>Meat Science</i> , 2021, 173, 108378.	5.5	17
125	Comparações 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.	0.8	17
126	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> , 2006, 35, 2187-2196.	0.8	16

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127	Parâmetros genéticos entre características de leite, de peso e a idade ao primeiro parto em gado mestiço leiteiro (Bos taurus x Bos indicus). Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2007, 59, 983-990.	0.4	16
128	Population structure and effects of inbreeding on milk yield and quality of Murrah buffaloes. Journal of Dairy Science, 2011, 94, 5204-5211.	3.4	16
129	Effect of lactation length adjustment procedures on genetic parameter estimates for buffalo milk yield. Genetics and Molecular Biology, 2011, 34, 62-67.	1.3	16
130	Short communication: Principal components and factor analytic models for test-day milk yield in Brazilian Holstein cattle. Journal of Dairy Science, 2012, 95, 2157-2164.	3.4	16
131	Genotype by environment interaction for birth and weaning weights of composite beef cattle in different regions of Brazil. Livestock Science, 2012, 149, 242-249.	1.6	16
132	Genetic associations between temperament and performance traits in Nelore beef cattle. Journal of Animal Breeding and Genetics, 2015, 132, 42-50.	2.0	16
133	Effect of the g.98535683A > G SNP in the CAST gene on meat traits of Nelore beef cattle (Bos indicus) and their crosses with Bos taurus. Meat Science, 2017, 123, 64-66.	5.5	16
134	Genetic analysis of carcass and meat quality traits in Nelore cattle1. Journal of Animal Science, 2018, 96, 3558-3564.	0.5	16
135	Estimates of covariance functions for growth of Nelore cattle applying a parametric correlation structure to model within-animal correlations. Livestock Science, 2005, 93, 213-222.	1.2	15
136	Objetivos de seleção e valores econômicos em sistemas de produção de gado de corte no Brasil. Revista Brasileira De Zootecnia, 2007, 36, 1549-1558.	0.8	15
137	Random regression models to estimate genetic parameters for test-day milk yield in Brazilian Murrah buffaloes. Journal of Animal Breeding and Genetics, 2010, 127, 369-376.	2.0	15
138	Genetic parameters for milk, fat and protein yields in Murrah buffaloes (Bubalus bubalis Artiodactyla.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	15
139	Genetic associations of visual scores with subsequent rebreeding and days to first calving in Nelore cattle. Journal of Animal Breeding and Genetics, 2012, 129, 448-456.	2.0	15
140	Evaluation of mature cow weight: Genetic correlations with traits used in selection indices, correlated responses, and genetic trends in Nelore cattle. Journal of Animal Science, 2013, 91, 20-28.	0.5	15
141	Genetic association between milk yield, stayability, and mastitis in Holstein cows under tropical conditions. Tropical Animal Health and Production, 2014, 46, 529-535.	1.4	15
142	Association between JY-1 gene polymorphisms and reproductive traits in beef cattle. Gene, 2014, 533, 477-480.	2.2	15
143	Genetic parameter estimates for temperament, heifer rebreeding, and stayability in Nelore cattle. Livestock Science, 2017, 206, 45-50.	1.6	15
144	Prediction of meat quality traits in Nelore cattle by near-infrared reflectance spectroscopy1. Journal of Animal Science, 2018, 96, 4229-4237.	0.5	15

#	ARTICLE	IF	CITATIONS
145	Heteroses materna e individual para ganho de peso pr ^o -desmama em bovinos Nelore ^o — Hereford e Nelore ^o — Angus. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2005, 57, 518-523.	0.4	14
146	Models for genetic evaluation of Nelore cattle mature body weight ¹ . Journal of Animal Science, 2008, 86, 2840-2844.	0.5	14
147	Bayesian inference in genetic parameter estimation of visual scores in Nelore beef-cattle. Genetics and Molecular Biology, 2009, 32, 753-760.	1.3	14
148	Evaluation of TFAM and FABP4 gene polymorphisms in three lines of Nelore cattle selected for growth. Genetics and Molecular Research, 2010, 9, 2050-2059.	0.2	14
149	Principal components and factor analytic models for birth to mature weights in Nelore cattle. Livestock Science, 2013, 152, 135-142.	1.6	14
150	Genetic parameters for scrotal circumference, breeding soundness examination and sperm defects in young Nelore bulls. Journal of Animal Science, 2013, 91, 4611-4616.	0.5	14
151	Evaluation of productivity of sexually precocious Nelore heifers. Animal, 2015, 9, 938-943.	3.3	14
152	Polymorphisms in TOX and NCOA2 genes and their associations with reproductive traits in cattle. Reproduction, Fertility and Development, 2015, 27, 523.	0.4	14
153	Avalia ^o gen ^o tica de caracter ^o sticas de escores visuais de bovinos da ra ^o Nelore da desmama at ^o a maturidade. Revista Brasileira De Zootecnia, 2009, 38, 1191-1200.	0.8	14
154	Estima ^o de par ^o metros gen ^o ticos para produ ^o de leite no dia do controle e produ ^o acumulada at ^o 305 dias, para as primeiras lacta ^o es de vacas da ra ^o Caracu. Revista Brasileira De Zootecnia, 2003, 32, 284-294.	0.8	13
155	Modelos de dimens ^o finita para a estima ^o de par ^o metros gen ^o ticos para a produ ^o de leite de primeiras lacta ^o es de vacas da ra ^o Holandesa. Ciencia Rural, 2008, 38, 1705-1710.	0.5	13
156	Genetic parameters for test-day yield of milk, fat and protein in buffaloes estimated by random regression models. Journal of Dairy Research, 2012, 79, 272-279.	1.4	13
157	Water buffalo genome characterization by the Illumina BovineHD BeadChip. Genetics and Molecular Research, 2014, 13, 4202-4215.	0.2	13
158	Genetic association between temperament and sexual precocity indicator traits in Nelore cattle. Journal of Applied Genetics, 2015, 56, 349-354.	1.9	13
159	Association between single nucleotide polymorphisms and sexual precocity in Nelore heifers. Animal Reproduction Science, 2017, 177, 88-96.	1.5	13
160	RAPID COMMUNICATION: Multi-breed validation study unraveled genomic regions associated with puberty traits segregating across tropically adapted breeds ¹ . Journal of Animal Science, 2019, 97, 3027-3033.	0.5	13
161	Genome Association Study for Visual Scores in Nelore Cattle Measured at Weaning. BMC Genomics, 2019, 20, 150.	2.8	13
162	Transcriptome profiling of muscle in Nelore cattle phenotypically divergent for the ribeye muscle area. Genomics, 2020, 112, 1257-1263.	2.9	13

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163	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, .	0.5	13
164	Genomic reaction norm models exploiting genotype–environment interaction on sexual precocity indicator traits in Nelore cattle. <i>Animal Genetics</i> , 2020, 51, 210-223.	1.7	13
165	Fatores de correção 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.	0.8	13
166	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, 2944-2952.	0.2	13
167	Análise bayesiana na estimação 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.	0.4	12
168	Características reprodutivas e suas associações com outras características de importância econômica na raça Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 91-100.	0.4	12
169	Reaction norms for the study of genotype-environment interaction for growth and indicator traits of sexual precocity in Nelore cattle. <i>Genetics and Molecular Research</i> , 2015, 14, 7151-7162.	0.2	12
170	Estimação de parâmetros genéticos para produção de leite de cabras da raça Alpina. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 396-404.	0.8	12
171	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> , 2002, 31, 1953-1963.	0.8	11
172	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.	0.8	11
173	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.	0.8	11
174	Environmental and genetic factors affecting the weaning-estrus interval in sows. <i>Genetics and Molecular Research</i> , 2011, 10, 2692-2701.	0.2	11
175	Milk fatty acid characterization and genetic parameter estimates for milk conjugated linoleic acid in buffaloes. <i>Journal of Dairy Research</i> , 2011, 78, 178-183.	1.4	11
176	Genetic parameter estimates for live weight and daily live weight gain obtained for Nelore bulls in a test station using different models. <i>Livestock Science</i> , 2012, 144, 148-156.	1.6	11
177	Comparison of models for the genetic evaluation of reproductive traits with censored data in Nelore cattle. <i>Journal of Animal Science</i> , 2016, 94, 2297-2306.	0.5	11
178	Genome-wide association study applied to type traits related to milk yield in water buffaloes (<i>Bubalus bubalis</i>). <i>Journal of Dairy Research</i> , 2014, 81, 107-114.	3.4	11
179	Genomic analysis of stayability in Nelore cattle. <i>PLoS ONE</i> , 2017, 12, e0179076.	2.5	11
180	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> , 2009, 38, 2144-2151.	0.8	11

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181	Sustainable Intensification of Beef Production in the Tropics: The Role of Genetically Improving Sexual Precocity of Heifers. <i>Animals</i> , 2022, 12, 174.	2.3	11
182	Efeito da idade de exposiçãõ de novilhas ã reproduçãõ 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.	0.4	10
183	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, 4634-4640.	3.4	10
184	Analysis of culling probability in dairy buffalo using survival models. <i>Animal</i> , 2010, 4, 1325-1329.	3.3	10
185	Modelos de regressãõ aleatãria na avaliaçãõ genãtica do crescimento de ovinos da raãsa Santa Inãas. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1723-1732.	0.8	10
186	Associations of FASN gene polymorphisms with economical traits in Nellore cattle (<i>Bos primigenius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	10
187	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, 10105-10109.	2.3	10
188	Parãmetros genãticos para a produçãõ de leite em caprinos das raãsas Saanen e Alpina. <i>Revista Ciencia Agronomica</i> , 2012, 43, 376-381.	0.3	10
189	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.	1.6	10
190	Genetic parameters and investigation of genotype ã— environment interactions in Nellore ã— Hereford crossbred for resistance to cattle ticks in different regions of Brazil. <i>Journal of Applied Genetics</i> , 2015, 56, 107-113.	1.9	10
191	Genetic parameters for fatty acids in intramuscular fat from feedlot-finished Nelore carcasses. <i>Animal Production Science</i> , 2018, 58, 234.	1.3	10
192	Comparison between haplotypeãbased and individual snpãbased genomic predictions for beef fatty acid profile in Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 468-476.	2.0	10
193	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.	3.5	10
194	Genome-wide association study for beef fatty acid profile using haplotypes in Nellore cattle. <i>Livestock Science</i> , 2021, 245, 104396.	1.6	10
195	Efeitos ambientais sobre ganho de peso no perãodo do nascimento ao desmame em bovinos da raãsa Nelore. <i>Revista Brasileira De Zootecnia</i> , 1999, 28, 55-64.	0.8	10
196	Efeitos da Heterogeneidade de Variãncia Residual entre Grupos de Contemporãneos na Avaliaçãõ Genãtica de Bovinos de Corte. <i>Revista Brasileira De Zootecnia</i> , 2002, 31, 1680-1688.	0.8	10
197	Efeitos ambientais que afetam o ganho de peso prão-desmama em animais Angus, Hereford, Nelore e mestiãos Angus-Nelore e Hereford-Nelore. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 887-890.	0.8	10
198	Interaçãõ genãtipo-ambiente em cruzamentos de bovinos de corte. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1677-1683.	0.8	10

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199	Parâmetros genéticos de características de carcaça e de crescimento de bovinos da raça Nelore. <i>Archivos De Zootecnia</i> , 2013, 62, 123-129.	0.1	10
200	Characterization of novel <i>lncRNA</i> muscle expression profiles associated with meat quality in beef cattle. <i>Evolutionary Applications</i> , 2022, 15, 706-718.	3.1	10
201	Estimativa 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.	0.8	9
202	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.	0.8	9
203	β -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.	1.3	9
204	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.	0.4	9
205	Estimates of genetic parameters for scrotal circumference using random regression models in Nelore cattle. <i>Livestock Science</i> , 2011, 137, 205-209.	1.6	9
206	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, 60-65.	1.4	9
207	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> , 2012, 41, 1426-1432.	0.8	9
208	Polymorphism analysis in genes of the somatotropic axis in Nelore cattle selected for growth. <i>Gene</i> , 2014, 545, 215-219.	2.2	9
209	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, 3492-3495.	3.4	9
210	Genetic and genomic analyses of testicular hypoplasia in Nelore cattle. <i>PLoS ONE</i> , 2019, 14, e0211159.	2.5	9
211	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.	1.9	9
212	Polymorphisms in TLR4 Gene Associated With Somatic Cell Score in Water Buffaloes (<i>Bubalus bubalis</i>). <i>Frontiers in Veterinary Science</i> , 2020, 7, 568249.	2.2	9
213	Comparação de modelos de regressão aleatória para estimativa de parâmetros genéticos em caprinos leiteiros. <i>Revista Brasileira De Zootecnia</i> , 2008, 37, 1788-1796.	0.8	8
214	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.	1.6	8
215	Differential expression of immune response genes associated with subclinical mastitis in dairy buffaloes. <i>Animal</i> , 2019, 13, 1651-1657.	3.3	8
216	Prediction of genomic breeding values for reproductive traits in Nelore heifers. <i>Theriogenology</i> , 2019, 125, 12-17.	2.1	8

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217	Genome-enabled prediction of reproductive traits in Nelore cattle using parametric models and machine learning methods. <i>Animal Genetics</i> , 2021, 52, 32-46.	1.7	8
218	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.	0.4	8
219	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> , 2002, 54, 295-302.	0.4	8
220	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.	0.8	8
221	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> , 2009, 38, 50-60.	0.8	8
222	Genetic analysis of visual scores and their relationships to mature female weight in Nelore breed. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 100-105.	0.8	8
223	Phenotypic association among performance, feed efficiency and methane emission traits in Nelore cattle. <i>PLoS ONE</i> , 2021, 16, e0257964.	2.5	8
224	Signatures of selection in Nelore cattle revealed by whole-genome sequencing data. <i>Genomics</i> , 2022, 114, 110304.	2.9	8
225	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	7
226	Test-day or 305-day milk yield for genetic evaluation of Gir cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2019, 54, .	0.9	7
227	Carcass and meat quality of Nelore cattle (<i>Bos taurus indicus</i>) belonging to the breeding programs. <i>Livestock Science</i> , 2020, 242, 104277.	1.6	7
228	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> , 2021, 138, 80-90.	2.0	7
229	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> , 2009, 38, 1211-1217.	0.8	7
230	Valores econômicos para sistemas de recria e engorda de bovinos Nelore e cruzado. <i>Archivos De Zootecnia</i> , 2016, 65, 145-154.	0.1	7
231	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, 1227-1236.	0.2	7
232	Meta-analysis across Nelore cattle populations identifies common metabolic mechanisms that regulate feed efficiency-related traits. <i>BMC Genomics</i> , 2022, 23, .	2.8	7
233	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.	0.8	6
234	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.	1.9	6

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235	Modeling of average growth curve in Santa Ines sheep using random regression models. Revista Brasileira De Zootecnia, 2011, 40, 314-322.	0.8	6
236	Aplicação de modelos não-lineares para descrever a evolução de características de crescimento e carcaça em bovinos da raça Hereford. Ciencia Rural, 2013, 43, 513-519.	0.5	6
237	Random regression models using different functions to model milk flow in dairy cows. Genetics and Molecular Research, 2014, 13, 7528-7541.	0.2	6
238	Estimates of genetic parameters for total milk yield over multiple ages in Brazilian Murrah buffaloes using different models. Genetics and Molecular Research, 2014, 13, 2784-2795.	0.2	6
239	Genetic parameter estimates for prenatal and postnatal mortality in Nellore cattle. Journal of Animal Breeding and Genetics, 2017, 134, 27-33.	2.0	6
240	Uncovering Sub-Structure and Genomic Profiles in Across-Countries Subpopulations of Angus Cattle. Scientific Reports, 2020, 10, 8770.	3.3	6
241	Genetic correlations between heifer subsequent rebreeding and age at first calving and growth traits in Nellore cattle by Bayesian inference. Genetics and Molecular Research, 2012, 11, 4516-4524.	0.2	6
242	Random regression analysis of test-day milk yields in the first and second lactations of Brazilian Gyr cows. Genetics and Molecular Research, 2015, 14, 16497-16507.	0.2	6
243	Efeitos da utilização de diferentes covariáveis na avaliação do ganho de peso médio diário em suínos. Revista Brasileira De Zootecnia, 2001, 30, 736-743.	0.8	5
244	Resposta à Seleção para Características de Desempenho em um Rebanho de Seleção de Suínos. Revista Brasileira De Zootecnia, 2001, 30, 2009-2016.	0.8	5
245	Selection strategies for dairy buffaloes: economic and genetic consequences. Journal of Animal Breeding and Genetics, 2012, 129, 488-500.	2.0	5
246	MUC1 gene polymorphism in three Nellore lines selected for growth and its association with growth and carcass traits. Molecular Biology Reports, 2012, 39, 1541-1549.	2.3	5
247	Comparison of a genetic group and unknown paternity models for growth traits in Nellore cattle1. Journal of Animal Science, 2013, 91, 5135-5143.	0.5	5
248	Reaction norm model to describe environmental sensitivity across first lactation in dairy cattle under tropical conditions. Tropical Animal Health and Production, 2015, 47, 1405-1410.	1.4	5
249	Contemporary group alternatives for genetic evaluation of milk yield in small populations of dairy cattle. Animal Production Science, 2019, 59, 1022.	1.3	5
250	Influence of X-chromosome markers on reproductive traits of beef cattle. Livestock Science, 2019, 220, 152-157.	1.6	5
251	Genetic evaluation of weaning weight and udder score in Nellore cattle. Livestock Science, 2021, 244, 104400.	1.6	5
252	Genetic parameters and relationships between heifers rebreeding and hip height in Nellore cattle. Revista Brasileira De Zootecnia, 2012, 41, 598-602.	0.8	5

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253	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, .	0.2	5
254	Efeito da idade da vaca e da data juliana de nascimento sobre o ganho médio diário de bezerros de corte no período pré-desmame. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005, 57, 524-532.	0.4	4
255	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.	0.8	4
256	Characterization and polymorphism screening of IGF-I and prolactin genes in Nelore heifers. <i>Italian Journal of Animal Science</i> , 2009, 8, 277-283.	1.9	4
257	Genetic parameters for first lactation test-day milk flow in Holstein cows. <i>Animal</i> , 2012, 6, 31-35.	3.3	4
258	Parâmetros genéticos de las características andrológicas en la especie bovina. <i>Archivos De Medicina Veterinaria</i> , 2012, 44, 1-11.	0.2	4
259	Comparison of factor-analytic and reduced rank models for test-day milk yield in Gyr dairy cattle (Bos) Tj ETQq1 1 0,784314 rgBT /Overl 0,2 4	0.2	4
260	Aplicação de modelos de regressão aleatória utilizando diferentes estruturas de dados. <i>Ciencia Rural</i> , 2014, 44, 2058-2063.	0.5	4
261	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, .	0.2	4
262	Prospecting polymorphisms in the PPP3CA and FABP4 genes and their association with early pregnancy probability in Nelore heifers. <i>Livestock Science</i> , 2017, 203, 76-81.	1.6	4
263	Selection signatures in candidate genes and QTL for reproductive traits in Nelore heifers. <i>Animal Reproduction Science</i> , 2019, 207, 1-8.	1.5	4
264	Linkage Disequilibrium-Based Inference of Genome Homology and Chromosomal Rearrangements Between Species. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2327-2343.	1.8	4
265	Genomic regions associated with principal components for growth, visual score and reproductive traits in Nelore cattle. <i>Livestock Science</i> , 2020, 233, 103936.	1.6	4
266	Genome-wide scan reveals genomic regions and candidate genes underlying direct and maternal effects of preweaning calf mortality in Nelore cattle. <i>Genomics</i> , 2021, 113, 1386-1395.	2.9	4
267	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.	0.8	4
268	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.	0.0	4
269	Genetic study of skin thickness and its association with postweaning growth in Nelore cattle: estimation of the genetic parameters. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.2	4
270	Genetic evaluation of lactation persistency in the Gyr breed by using a two-trait random regression model. <i>Animal Production Science</i> , 2021, , .	1.3	4

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271	Investigating potential causal relationships among carcass and meat quality traits using structural equation model in Nelore cattle. <i>Meat Science</i> , 2022, 187, 108771.	5.5	4
272	Current applications and perspectives of genomic selection in <i>Bos indicus</i> (Nelore) cattle. <i>Livestock Science</i> , 2022, 263, 105001.	1.6	4
273	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.	1.9	3
274	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.	1.9	3
275	Evaluation of longevity modeling censored records in Nelore. <i>Animal</i> , 2017, 11, 2113-2119.	3.3	3
276	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.	2.0	3
277	Polymorphism analysis in genes associated with meat tenderness in Nelore cattle. <i>Meta Gene</i> , 2018, 18, 73-78.	0.6	3
278	Mapping genomic regions for reproductive traits in beef cattle: Inclusion of the X chromosome. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1650-1654.	1.4	3
279	The effect of mitochondrial DNA polymorphisms on cattle reproduction. <i>Molecular Biology Reports</i> , 2021, 48, 1005-1008.	2.3	3
280	Effect of the X chromosome in genomic evaluations of reproductive traits in beef cattle. <i>Animal Reproduction Science</i> , 2021, 225, 106682.	1.5	3
281	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.	0.5	3
282	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.	0.8	3
283	Amh Polymorphisms and their association with traits indicative of sexual precocity in nelore heifers. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 1489.	0.3	3
284	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.	0.8	3
285	Integration analyses of structural variations and differential gene expression associated with beef fatty acid profile in Nelore cattle. <i>Animal Genetics</i> , 2022, 53, 570-582.	1.7	3
286	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.	1.9	2
287	Association between MUC1 gene polymorphism and expected progeny differences in Nelore cattle (<i>Bos</i>) Tj ETQq1 1.0.784314 rgBT /Ov 1.3 2	1.3	2
288	Frequencies of candidate genes and associations with carcass and meat traits in Nelore and crossbred cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 169-176.	0.9	2

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289	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.	1.9	2
290	Across-breed validation study confirms and identifies new loci associated with sexual precocity in Brahman and Nelore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 139-154.	2.0	2
291	An assessment of genomic connectedness measures in Nelore cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	2
292	Genome-wide association study between copy number variation regions and carcass- and meat-quality traits in Nelore cattle. <i>Animal Production Science</i> , 2021, 61, 731.	1.3	2
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294	Genome-wide interaction study reveals epistatic interactions for beef lipid-related traits in Nelore cattle. <i>Animal Genetics</i> , 2022, 53, 35-48.	1.7	2
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302	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.	0.8	1
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304	Genetic parameters for milk yield analyzed by test-day models in Murrah buffaloes in Brazil. <i>Italian Journal of Animal Science</i> , 2010, 9, .	1.9	1
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306	A new way to measure milk yield persistency: a genetic point of view with application to Gyr (Bos) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 00	1.4	1

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307	Random regression models to estimate genetic parameters for weights in Murrah buffaloes. <i>Animal Science Journal</i> , 2017, 88, 1212-1219.	1.4	1
308	Comparison of methods for predicting genomic breeding values for growth traits in Nelore cattle. <i>Tropical Animal Health and Production</i> , 2021, 53, 349.	1.4	1
309	Effect of quality control, density and allele frequency of markers on the accuracy of genomic prediction for complex traits in Nelore cattle. <i>Animal Production Science</i> , 2019, 59, 48.	1.3	1
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311	A Random Forest-Based Genome-Wide Scan Reveals Fertility-Related Candidate Genes and Potential Inter-Chromosomal Epistatic Regions Associated With Age at First Calving in Nelore Cattle. <i>Frontiers in Genetics</i> , 2022, 13, .	2.3	1
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314	PSVIII-41 Study of functional variants in homozygous islands in Nelore cattle. <i>Journal of Animal Science</i> , 2019, 97, 260-261.	0.5	0
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