

Fabyano Silva

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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.

305
papers

3,005
citations

25
h-index

39
g-index

338
ext. papers

4,047
ext. citations

2.1
avg, IF

5.41
L-index

#	Paper	IF	Citations
305	NIK1-mediated translation suppression functions as a plant antiviral immunity mechanism. <i>Nature</i> , 2015 , 520, 679-82	50.4	132
304	Effects of equine chorionic gonadotropin and type of ovulatory stimulus in a timed-AI protocol on reproductive responses in dairy cows. <i>Theriogenology</i> , 2009 , 72, 10-21	2.8	97
303	The tomato RLK superfamily: phylogeny and functional predictions about the role of the LRRIL-RLK subfamily in antiviral defense. <i>BMC Plant Biology</i> , 2012 , 12, 229	5.3	87
302	BIG DATA ANALYTICS AND PRECISION ANIMAL AGRICULTURE SYMPOSIUM: Machine learning and data mining advance predictive big data analysis in precision animal agriculture. <i>Journal of Animal Science</i> , 2018 , 96, 1540-1550	0.7	84
301	61 The impact of selective phenotyping and genotyping over generations in beef cattle. <i>Journal of Animal Science</i> , 2019 , 97, 37-39	0.7	78
300	Regional heritability mapping and genome-wide association identify loci for complex growth, wood and disease resistance traits in Eucalyptus. <i>New Phytologist</i> , 2017 , 213, 1287-1300	9.8	57
299	Assessing the expected response to genomic selection of individuals and families in Eucalyptus breeding with an additive-dominant model. <i>Heredity</i> , 2017 , 119, 245-255	3.6	51
298	Performance of constructed wetlands in the treatment of aerated coffee processing wastewater: Removal of nutrients and phenolic compounds. <i>Ecological Engineering</i> , 2012 , 49, 264-269	3.9	49
297	The diversification of begomovirus populations is predominantly driven by mutational dynamics. <i>Virus Evolution</i> , 2017 , 3, vex005	3.7	45
296	Linkage disequilibrium and haplotype block structure in six commercial pig lines. <i>Journal of Animal Science</i> , 2013 , 91, 3493-501	0.7	44
295	The contribution of dominance to phenotype prediction in a pine breeding and simulated population. <i>Heredity</i> , 2016 , 117, 33-41	3.6	44
294	Molecular Factors Underlying the Deposition of Intramuscular Fat and Collagen in Skeletal Muscle of Nellore and Angus Cattle. <i>PLoS ONE</i> , 2015 , 10, e0139943	3.7	40
293	Effect of influent aeration on removal of organic matter from coffee processing wastewater in constructed wetlands. <i>Journal of Environmental Management</i> , 2013 , 128, 912-9	7.9	38
292	Sire evaluation for total number born in pigs using a genomic reaction norms approach. <i>Journal of Animal Science</i> , 2014 , 92, 3825-34	0.7	37
291	Revealing new candidate genes for reproductive traits in pigs: combining Bayesian GWAS and functional pathways. <i>Genetics Selection Evolution</i> , 2016 , 48, 9	4.9	37
290	Machine learning approaches and their current application in plant molecular biology: A systematic review. <i>Plant Science</i> , 2019 , 284, 37-47	5.3	35
289	Enviromics in breeding: applications and perspectives on envirotypic-assisted selection. <i>Theoretical and Applied Genetics</i> , 2021 , 134, 95-112	6	34

288	Sustained NIK-mediated antiviral signalling confers broad-spectrum tolerance to begomoviruses in cultivated plants. <i>Plant Biotechnology Journal</i> , 2015 , 13, 1300-1311	11.6	32
287	Ridge, Lasso and Bayesian additive-dominance genomic models. <i>BMC Genetics</i> , 2015 , 16, 105	2.6	32
286	Multi-Trait GWAS and New Candidate Genes Annotation for Growth Curve Parameters in Brahman Cattle. <i>PLoS ONE</i> , 2015 , 10, e0139906	3.7	31
285	Weighted single-step GWAS and gene network analysis reveal new candidate genes for semen traits in pigs. <i>Genetics Selection Evolution</i> , 2018 , 50, 40	4.9	29
284	Genome-wide association study and annotating candidate gene networks affecting age at first calving in Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2017 , 134, 484-492	2.9	28
283	Bayesian GWAS and network analysis revealed new candidate genes for number of teats in pigs. <i>Journal of Applied Genetics</i> , 2015 , 56, 123-32	2.5	26
282	Environmental uniformity, site quality and tree competition interact to determine stand productivity of clonal Eucalyptus. <i>Forest Ecology and Management</i> , 2018 , 410, 76-83	3.9	26
281	Improved estimation of inbreeding and kinship in pigs using optimized SNP panels. <i>BMC Genetics</i> , 2013 , 14, 92	2.6	26
280	Linkage disequilibrium patterns and persistence of phase in purebred and crossbred pig (<i>Sus scrofa</i>) populations. <i>BMC Genetics</i> , 2014 , 15, 126	2.6	25
279	Genomic selection for boar taint compounds and carcass traits in a commercial pig population. <i>Livestock Science</i> , 2015 , 174, 10-17	1.7	23
278	Genetic parameters of body weight and egg traits in meat-type quail. <i>Livestock Science</i> , 2013 , 153, 27-32	1.7	23
277	A genome-wide association study reveals a novel candidate gene for sperm motility in pigs. <i>Animal Reproduction Science</i> , 2014 , 151, 201-7	2.1	22
276	Curva de crescimento de novilhos Hereford: heterocedasticidade e resíduos autorregressivos. <i>Ciencia Rural</i> , 2005 , 35, 422-427	1.3	22
275	Multi-trait multi-environment Bayesian model reveals G x E interaction for nitrogen use efficiency components in tropical maize. <i>PLoS ONE</i> , 2018 , 13, e0199492	3.7	22
274	Genome-wide association for milk production traits and somatic cell score in different lactation stages of Ayrshire, Holstein, and Jersey dairy cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 8159-8174	4	21
273	Application of single-step genomic evaluation using multiple-trait random regression test-day models in dairy cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 2365-2377	4	21
272	Análise de medidas repetidas na avaliação de clones de café. <i>Pesquisa Agropecuaria Brasileira</i> , 2008 , 43, 1171-1176	1.8	21
271	Modelo logístico difuso no estudo do crescimento de fêmeas da raça Hereford. <i>Ciencia Rural</i> , 2008 , 38, 1984-1990	1.3	21

270	A raça Indubrasil no Nordeste brasileiro: melhoramento e estrutura populacional. <i>Revista Brasileira De Zootecnia</i> , 2009 , 38, 2327-2334	1.2	19
269	Geminivirus data warehouse: a database enriched with machine learning approaches. <i>BMC Bioinformatics</i> , 2017 , 18, 240	3.6	18
268	Single-step genome-wide association for longitudinal traits of Canadian Ayrshire, Holstein, and Jersey dairy cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 9995-10011	4	18
267	Novel lactic acid bacteria strains as inoculants on alfalfa silage fermentation. <i>Scientific Reports</i> , 2019 , 9, 8007	4.9	18
266	Genetic correlations between feed efficiency traits, and growth performance and carcass traits in purebred and crossbred pigs. <i>Journal of Animal Science</i> , 2018 , 96, 817-829	0.7	18
265	Invited review: Advances and applications of random regression models: From quantitative genetics to genomics. <i>Journal of Dairy Science</i> , 2019 , 102, 7664-7683	4	18
264	Linear and Poisson models for genetic evaluation of tick resistance in cross-bred Hereford x Nellore cattle. <i>Journal of Animal Breeding and Genetics</i> , 2013 , 130, 417-24	2.9	18
263	Genome-enabled prediction for tick resistance in Hereford and Braford beef cattle via reaction norm models. <i>Journal of Animal Science</i> , 2016 , 94, 1834-43	0.7	17
262	Effect of maternal nutrition and days of gestation on pituitary gland and gonadal gene expression in cattle. <i>Journal of Dairy Science</i> , 2016 , 99, 3056-3071	4	17
261	Efficacy of population structure analysis with breeding populations and inbred lines. <i>Genetica</i> , 2013 , 141, 389-99	1.5	17
260	Quantile regression for genome-wide association study of flowering time-related traits in common bean. <i>PLoS ONE</i> , 2018 , 13, e0190303	3.7	17
259	Análise de agrupamento na seleção de modelos de regressão não-lineares para curvas de crescimento de ovinos cruzados. <i>Ciencia Rural</i> , 2011 , 41, 692-698	1.3	17
258	Independent Component Analysis (ICA) based-clustering of temporal RNA-seq data. <i>PLoS ONE</i> , 2017 , 12, e0181195	3.7	16
257	Meta-analysis of genetic-parameter estimates for reproduction, growth and carcass traits in Nellore cattle by using a random-effects model. <i>Animal Production Science</i> , 2018 , 58, 1575	1.4	16
256	Genome-Wide Association and Regional Heritability Mapping of Plant Architecture, Lodging and Productivity in. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2841-2854	3.2	16
255	Genetic parameters for semen quality and quantity traits in five pig lines. <i>Journal of Animal Science</i> , 2017 , 95, 4251-4259	0.7	16
254	Identidade de modelos não lineares para comparar curvas de crescimento de bovinos da raça Tabapuá. <i>Pesquisa Agropecuaria Brasileira</i> , 2014 , 49, 57-62	1.8	16
253	Bayesian inference of mixed models in quantitative genetics of crop species. <i>Theoretical and Applied Genetics</i> , 2013 , 126, 1749-61	6	15

252	Avaliaçã de curvas de crescimento morfométrico de linhagens de tilápia do nilo (<i>Oreochromis niloticus</i>). <i>Ciencia E Agrotecnologia</i> , 2007 , 31, 1486-1492	1.6	15
251	Análise da curva de crescimento de machos Hereford. <i>Ciencia E Agrotecnologia</i> , 2003 , 27, 1105-1112	1.6	15
250	Genome-wide association studies pathway-based meta-analysis for residual feed intake in beef cattle. <i>Animal Genetics</i> , 2019 , 50, 150-153	2.5	15
249	Genomic Predictions Using Low-Density SNP Markers, Pedigree and GWAS Information: A Case Study with the Non-Model Species. <i>Plants</i> , 2020 , 9,	4.5	14
248	Comparing deregression methods for genomic prediction of test-day traits in dairy cattle. <i>Journal of Animal Breeding and Genetics</i> , 2018 , 135, 97-106	2.9	14
247	Estudo das curvas de crescimento de cordeiros das raças santa inês e bergamãia considerando heterogeneidade de variâncias. <i>Ciencia E Agrotecnologia</i> , 2004 , 28, 381-388	1.6	14
246	Quantitative genetics theory for genomic selection and efficiency of breeding value prediction in open-pollinated populations. <i>Scientia Agricola</i> , 2016 , 73, 243-251	2.5	14
245	Differentially expressed mRNAs, proteins and miRNAs associated to energy metabolism in skeletal muscle of beef cattle identified for low and high residual feed intake. <i>BMC Genomics</i> , 2019 , 20, 501	4.5	13
244	Traditional and alternative nonlinear models for estimating the growth of Morada Nova sheep. <i>Revista Brasileira De Zootecnia</i> , 2013 , 42, 651-655	1.2	13
243	Método de comparaçã de modelos de regressã nã-lineares em bananeiras. <i>Ciencia Rural</i> , 2009 , 39, 1380-1386	1.3	13
242	Efficiency of genomic prediction of non-assessed single crosses. <i>Heredity</i> , 2018 , 120, 283-295	3.6	13
241	Wind dispersal of <i>Puccinia psidii</i> urediniospores and progress of eucalypt rust. <i>Forest Pathology</i> , 2015 , 45, 102-110	1.2	12
240	Selection of models of lactation curves to use in milk production simulation systems. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 891-902	1.2	12
239	Genotype-environment interaction in common bean cultivars with carioca grain, recommended for cultivation in Brazil in the last 40 years. <i>Crop Breeding and Applied Biotechnology</i> , 2015 , 15, 244-250	1.1	12
238	Genotype by environment interaction for tick resistance of Hereford and Braford beef cattle using reaction norm models. <i>Genetics Selection Evolution</i> , 2016 , 48, 3	4.9	12
237	Genomic prediction of lactation curves for milk, fat, protein, and somatic cell score in Holstein cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 452-463	4	12
236	Effects of increasing palm kernel cake inclusion in supplements fed to grazing lambs on growth performance, carcass characteristics, and fatty acid profile. <i>Animal Feed Science and Technology</i> , 2017 , 226, 71-80	3	11
235	Bayesian Models combining Legendre and B-spline polynomials for genetic analysis of multiple lactations in Gyr cattle. <i>Livestock Science</i> , 2017 , 201, 78-84	1.7	11

234	A time series analysis of brown eye spot progress in conventional and organic coffee production systems. <i>Plant Pathology</i> , 2015 , 64, 157-166	2.8	11
233	Analyses of reaction norms reveal new chromosome regions associated with tick resistance in cattle. <i>Animal</i> , 2018 , 12, 205-214	3.1	11
232	Effects of nutrient intake level on mammary parenchyma growth and gene expression in crossbred (Holstein \times Gyr) prepubertal heifers. <i>Journal of Dairy Science</i> , 2016 , 99, 9962-9973	4	11
231	Genome wide association study reveals new candidate genes for resistance to nematodes in Creole goat. <i>Small Ruminant Research</i> , 2018 , 166, 109-114	1.7	11
230	Short communication: Molecular characterization and antimicrobial resistance of pathogenic <i>Escherichia coli</i> isolated from raw milk and Minas Frescal cheeses in Brazil. <i>Journal of Dairy Science</i> , 2019 , 102, 10850-10854	4	11
229	Epidemiology, clinical signs, histopathology and molecular characterization of canine leproid granuloma: a retrospective study of cases from Brazil. <i>Veterinary Dermatology</i> , 2011 , 22, 249-56	1.8	11
228	Desempenho produtivo, características de carcaça e avaliação econômica de bovinos cruzados, castrados e não-castrados, terminados em pastagens de <i>Brachiaria decumbens</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 1157-1165	0.3	11
227	Consumo, desempenho e parâmetros econômicos de novilhos Nelore e F1 Brangus x Nelore terminados em pastagens, suplementados com mistura mineral e sal nitrogenado com urfa ou amirfa. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 419-427	0.3	11
226	Divergência genética entre genótipos de pimenta com base em caracteres morfo-agrômicos. <i>Horticultura Brasileira</i> , 2011 , 29, 354-358	0.9	11
225	Comparing multi-trait Poisson and Gaussian Bayesian models for genetic evaluation of litter traits in pigs. <i>Livestock Science</i> , 2015 , 176, 47-53	1.7	10
224	Artificial neural network for prediction of the area under the disease progress curve of tomato late blight. <i>Scientia Agricola</i> , 2017 , 74, 51-59	2.5	10
223	Genotype by feed interaction for feed efficiency and growth performance traits in pigs. <i>Journal of Animal Science</i> , 2018 , 96, 4125-4135	0.7	10
222	Métodos de agrupamento em estudo de divergência genética de pimentas. <i>Horticultura Brasileira</i> , 2012 , 30, 428-432	0.9	10
221	Genomic growth curves of an outbred pig population. <i>Genetics and Molecular Biology</i> , 2013 , 36, 520-7	2	10
220	Genetic characterization of papaya plants (<i>Carica papaya</i> L.) derived from the first backcross generation. <i>Genetics and Molecular Research</i> , 2011 , 10, 393-403	1.2	10
219	Three-step Bayesian factor analysis applied to QTL detection in crosses between outbred pig populations. <i>Livestock Science</i> , 2011 , 142, 210-215	1.7	10
218	Best Linear Unbiased Prediction and Family Selection in Crop Species. <i>Crop Science</i> , 2011 , 51, 2371-2381	2.4	10
217	BLUP for genetic evaluation of plants in non-inbred families of annual crops. <i>Euphytica</i> , 2010 , 174, 31-39	2.1	10

216	Abordagem Bayesiana das curvas de crescimento de duas cultivares de feijoeiro. <i>Ciencia Rural</i> , 2008 , 38, 1516-1521	1.3	10
215	Novel vasopressin type 2 (AVPR2) gene mutations in Brazilian nephrogenic diabetes insipidus patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2006 , 10, 157-62		10
214	Abordagem Bayesiana da curva de lacta de cabras Saanen de primeira e segunda ordem de parto. <i>Pesquisa Agropecuaria Brasileira</i> , 2005 , 40, 27-33	1.8	10
213	Obten de corante natural azul extrao de frutos de jenipapo. <i>Pesquisa Agropecuaria Brasileira</i> , 2009 , 44, 649-652	1.8	10
212	Abordagem bayesiana para avalia da adaptabilidade e estabilidade de gentipos de alfafa. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 26-32	1.8	10
211	Curvas de crescimento e influncia de fatores no-genticos sobre as taxas de crescimento de bovinos da ra Nelore. <i>Ciencia E Agrotecnologia</i> , 2004 , 28, 647-654	1.6	10
210	Produ, composi e rendimento em queijo do leite de ovelhas Santa In tratadas com ocitocina. <i>Revista Brasileira De Zootecnia</i> , 2007 , 36, 438-444	1.2	10
209	Combining different functions to describe milk, fat, and protein yield in goats using Bayesian multiple-trait random regression models. <i>Journal of Animal Science</i> , 2016 , 94, 1865-74	0.7	10
208	Genomic Prediction of Additive and Non-additive Effects Using Genetic Markers and Pedigrees. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 2739-2748	3.2	10
207	Comparing Alternative Single-Step GBLUP Approaches and Training Population Designs for Genomic Evaluation of Crossbred Animals. <i>Frontiers in Genetics</i> , 2020 , 11, 263	4.5	9
206	Genome-wide association studies, meta-analyses and derived gene network for meat quality and carcass traits in pigs. <i>Animal Production Science</i> , 2018 , 58, 1100	1.4	9
205	Agrupamento de curvas de progresso de requeima, em tomateiro originado de cruzamento interespecico. <i>Pesquisa Agropecuaria Brasileira</i> , 2010 , 45, 1095-1101	1.8	9
204	Caracteriza de colgenos tipos I e III no estroma do carcinoma de clulas escamosas cutneo em ces. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 147-154	0.3	9
203	Relevance of genetic relationship in GWAS and genomic prediction. <i>Journal of Applied Genetics</i> , 2018 , 59, 1-8	2.5	9
202	Nitrous oxide, methane, and ammonia emissions from cattle excreta on <i>Brachiaria decumbens</i> growing in monoculture or silvopasture with <i>Acacia mangium</i> and <i>Eucalyptus grandis</i> . <i>Agriculture, Ecosystems and Environment</i> , 2020 , 295, 106896	5.7	8
201	Genetic analysis of morphological and functional traits in Campolina horses using Bayesian multi-trait model. <i>Livestock Science</i> , 2018 , 216, 119-129	1.7	8
200	Use of molecular markers to improve relationship information in the genetic evaluation of beef cattle tick resistance under pedigree-based models. <i>Journal of Animal Breeding and Genetics</i> , 2017 , 134, 14-26	2.9	8
199	Follicular dynamics and gene expression in granulosa cells, corpora lutea and oocytes from gilts of breeds with low and high ovulation rates. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 316-27	1.8	8

198	Differentially transcribed genes in skeletal muscle of lambs. <i>Livestock Science</i> , 2012 , 150, 31-41	1.7	8
197	Bayesian model-based clustering of temporal gene expression using autoregressive panel data approach. <i>Bioinformatics</i> , 2012 , 28, 2004-7	7.2	8
196	Seleção e classificação multivariada de modelos de crescimento não lineares para bovinos Nelore. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011 , 63, 364-371	0.3	8
195	Classificação multivariada de modelos de crescimento para grupos genéticos de ovinos de corte. <i>Revista Brasileira De Saude E Producao Animal</i> , 2012 , 13, 62-73	0.8	8
194	After genome-wide association studies: Gene networks elucidating candidate genes divergences for number of teats across two pig populations. <i>Journal of Animal Science</i> , 2016 , 94, 1446-58	0.7	8
193	Genotypic variation and relationships among traits for root morphology in a panel of tropical maize inbred lines under contrasting nitrogen levels. <i>Euphytica</i> , 2019 , 215, 1	2.1	8
192	Bayesian estimation of genetic parameters for individual feed conversion and body weight gain in meat quail. <i>Livestock Science</i> , 2017 , 200, 76-79	1.7	7
191	Genetic mechanisms underlying feed utilization and implementation of genomic selection for improved feed efficiency in dairy cattle. <i>Canadian Journal of Animal Science</i> , 2020 , 100, 587-604	0.9	7
190	Eberhart and Russel's Bayesian Method in the Selection of Popcorn Cultivars. <i>Crop Science</i> , 2015 , 55, 571-577	2.4	7
189	Comparison of dimensionality reduction methods to predict genomic breeding values for carcass traits in pigs. <i>Genetics and Molecular Research</i> , 2015 , 14, 12217-27	1.2	7
188	Supervised independent component analysis as an alternative method for genomic selection in pigs. <i>Journal of Animal Breeding and Genetics</i> , 2014 , 131, 452-61	2.9	7
187	Fine mapping and single nucleotide polymorphism effects estimation on pig chromosomes 1, 4, 7, 8, 17 and X. <i>Genetics and Molecular Biology</i> , 2013 , 36, 511-9	2	7
186	Bayesian analysis of autoregressive panel data model: application in genetic evaluation of beef cattle. <i>Scientia Agricola</i> , 2011 , 68, 237-245	2.5	7
185	A note on accuracy of Bayesian LASSO regression in GWS. <i>Livestock Science</i> , 2011 , 142, 310-314	1.7	7
184	Fracionamento de carboidratos e proteínas de gramíneas tropicais cortadas em três idades. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010 , 62, 667-676	0.3	7
183	Five decades of black common bean genetic breeding in Brazil. <i>Pesquisa Agropecuaria Tropical</i> , 2016 , 46, 259-266	1.2	7
182	Genetic evaluation of grain sorghum hybrids in Brazilian environments using the REML/BLUP procedure. <i>Scientia Agricola</i> , 2014 , 71, 146-150	2.5	7
181	GWAS and gene networks for milk-related traits from test-day multiple lactations in Portuguese Holstein cattle. <i>Journal of Applied Genetics</i> , 2020 , 61, 465-476	2.5	7

180	Expression of myogenes in longissimus dorsi muscle during prenatal development in commercial and local Piau pigs. <i>Genetics and Molecular Biology</i> , 2016 , 39, 589-599	2	7
179	Genomic prediction of leaf rust resistance to Arabica coffee using machine learning algorithms. <i>Scientia Agricola</i> , 2021 , 78,	2.5	7
178	Efficiency of low heritability QTL mapping under high SNP density. <i>Euphytica</i> , 2017 , 213, 1	2.1	6
177	Autoregressive single-step test-day model for genomic evaluations of Portuguese Holstein cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 6330-6339	4	6
176	Genomic analyses for predicted milk fatty acid composition throughout lactation in North American Holstein cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 6318-6331	4	6
175	Estimated genetic associations among reproductive traits in Nelore cattle using Bayesian analysis. <i>Animal Reproduction Science</i> , 2020 , 214, 106305	2.1	6
174	Transgenerational epigenetic variance for body weight in meat quails. <i>Journal of Animal Breeding and Genetics</i> , 2018 , 135, 178-185	2.9	6
173	Effect of the dietary inclusion of dried oregano (<i>Origanum vulgare</i> L.) on the characteristics of milk from HolsteinZebu cows. <i>Animal Feed Science and Technology</i> , 2014 , 192, 101-105	3	6
172	Estimating additive and dominance variances for complex traits in pigs combining genomic and pedigree information. <i>Genetics and Molecular Research</i> , 2015 , 14, 6303-11	1.2	6
171	Accuracy of genome-enabled prediction exploring purebred and crossbred pig populations. <i>Journal of Animal Science</i> , 2015 , 93, 4684-91	0.7	6
170	Selection of sugar cane families by using BLUP and multi-diverse analyses for planting in the Brazilian savannah. <i>Genetics and Molecular Research</i> , 2014 , 13, 1619-26	1.2	6
169	Classificaço multivariada de curvas de progresso da requeima do tomateiro entre acessos do banco de germoplasma de hortalias da UFV. <i>Ciencia Rural</i> , 2012 , 42, 414-417	1.3	6
168	Identification and expression levels of pig miRNAs in skeletal muscle. <i>Livestock Science</i> , 2013 , 154, 45-54	1.7	6
167	Regresso via componentes independentes aplicada  seleo gentica para caractersticas de carca em suos. <i>Pesquisa Agropecuaria Brasileira</i> , 2013 , 48, 619-626	1.8	6
166	Zero-inflated Poisson regression models for QTL mapping applied to tick-resistance in a Gyr × Holstein F2 population. <i>Genetics and Molecular Biology</i> , 2011 , 34, 575-81	2	6
165	Comparao bayesiana de modelos de previso de diferenas esperadas nas progies no melhoramento gentico de gado Nelore. <i>Pesquisa Agropecuaria Brasileira</i> , 2008 , 43, 37-45	1.8	6
164	Bagao de mandioca na ensilagem do capim-elefante: qualidade das silagens e digestibilidade dos nutrientes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007 , 59, 719-729	0.3	6
163	Degradabilidade ruminal do feno de alguns alimentos volumosos para ruminantes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 575-580	0.3	6

162	Quantitative genetics theory for genomic selection and efficiency of genotypic value prediction in open-pollinated populations. <i>Scientia Agricola</i> , 2017 , 74, 41-50	2.5	6
161	Modelos de regressão linear aplicados a grupos de acessos de alho. <i>Horticultura Brasileira</i> , 2014 , 32, 178-183	0.9	6
160	Ajuste de modelos de platô de resposta para a exigência de zinco em frangos de corte. <i>Ciencia E Agrotecnologia</i> , 2007 , 31, 468-478	1.6	6
159	New accuracy estimators for genomic selection with application in a cassava (<i>Manihot esculenta</i>) breeding program. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	6
158	Accounting for genetic architecture in single- and multipopulation genomic prediction using weights from genomewide association studies in pigs. <i>Journal of Animal Breeding and Genetics</i> , 2016 , 133, 187-96	2.9	6
157	Assessing marker effects and heritability estimates from genome prediction by Bayesian regularized neural networks. <i>Livestock Science</i> , 2016 , 191, 91-96	1.7	6
156	Oscillating and static dietary crude protein supply. I. Impacts on intake, digestibility, performance, and nitrogen balance in young Nellore bulls. <i>Translational Animal Science</i> , 2019 , 3, 1205-1215	1.4	5
155	Linkage disequilibrium and haplotype block patterns in popcorn populations. <i>PLoS ONE</i> , 2019 , 14, e0219447	3.7	5
154	Proteomic analysis reveals changes in energy metabolism of skeletal muscle in beef cattle supplemented with vitamin A. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 3536-3543	4.3	5
153	Optimization of Eucalyptus breeding through random regression models allowing for reaction norms in response to environmental gradients. <i>Tree Genetics and Genomes</i> , 2020 , 16, 1	2.1	5
152	Bayesian segmented regression model for adaptability and stability evaluation of cotton genotypes. <i>Euphytica</i> , 2020 , 216, 1	2.1	5
151	Energy and protein requirements of Holstein x Gyr crossbred heifers. <i>Animal</i> , 2020 , 14, 1857-1866	3.1	5
150	Can scrotal circumference-based selection discard bulls with good productive and reproductive potential?. <i>PLoS ONE</i> , 2018 , 13, e0193103	3.7	5
149	Genomic selection for productive traits in biparental cassava breeding populations. <i>PLoS ONE</i> , 2019 , 14, e0220245	3.7	5
148	Identification and validation of differentially expressed genes from pig skeletal muscle. <i>Journal of Animal Breeding and Genetics</i> , 2013 , 130, 372-81	2.9	5
147	Relevance of Pedigree, Historical Data, Dominance, and Data Unbalance for Selection Efficiency. <i>Agronomy Journal</i> , 2012 , 104, 722-728	2.2	5
146	Genetic evaluation of inbred plants based on BLUP of breeding value and general combining ability. <i>Crop and Pasture Science</i> , 2011 , 62, 515	2.2	5
145	Desempenho de novilhas leiteiras alimentadas com silagem de capim-elefante com adição de diferentes níveis de bagaço de mandioca. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 205-211	0.3	5

144	Multiple centroid method to evaluate the adaptability of alfalfa genotypes. <i>Revista Ceres</i> , 2015 , 62, 30-36.7		5
143	Population structure correction for genomic selection through eigenvector covariates. <i>Crop Breeding and Applied Biotechnology</i> , 2017 , 17, 350-358	1.1	5
142	Métodos de análise de dados longitudinais para o melhoramento genético da pinha. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 1657-1664	1.8	5
141	Análise Bayesiana da curva de crescimento de cordeiros da raça Santa Inês. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005 , 57, 415-417	0.3	5
140	Bagaço de mandioca em dietas de novilhas leiteiras: consumo de nutrientes e desempenho produtivo. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 987-995	0.3	5
139	Modelos não lineares generalizados aplicados na predição da área basal e volume de Eucalyptus clonal. <i>Cerne</i> , 2011 , 17, 541-548	0.7	5
138	Genetic study of litter size and litter uniformity in Landrace pigs. <i>Revista Brasileira De Zootecnia</i> , 2020 , 49,	1.2	5
137	Short communication: Time-dependent genetic parameters and single-step genome-wide association analyses for predicted milk fatty acid composition in Ayrshire and Jersey dairy cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 5263-5269	4	5
136	Short communication: Genetic parameter estimates for caprine arthritis encephalitis in dairy goats. <i>Journal of Dairy Science</i> , 2020 , 103, 6407-6411	4	5
135	Multiple-trait model through Bayesian inference applied to <i>Jatropha curcas</i> breeding for bioenergy. <i>PLoS ONE</i> , 2021 , 16, e0247775	3.7	5
134	Evaluation of a long-established silvopastoral <i>Brachiaria decumbens</i> system: plant characteristics and feeding value for cattle. <i>Crop and Pasture Science</i> , 2019 , 70, 814	2.2	5
133	Unknown parent and contemporary groups for genetic evaluation of Brazilian Holstein using autoregressive test-day models. <i>Livestock Science</i> , 2019 , 220, 1-7	1.7	5
132	Linkage fine-mapping and QTLs affecting morpho-agronomic traits of a Mesoamerican Andean RIL common bean population. <i>Euphytica</i> , 2018 , 214, 1	2.1	5
131	Effects of alleles in crossbred pigs estimated for genomic prediction depend on their breed-of-origin. <i>BMC Genomics</i> , 2018 , 19, 740	4.5	5
130	Bayesian analysis of pig growth curves combining pedigree and genomic information. <i>Livestock Science</i> , 2017 , 201, 34-40	1.7	4
129	Regularized quantile regression for SNP marker estimation of pig growth curves. <i>Journal of Animal Science and Biotechnology</i> , 2017 , 8, 59	6	4
128	Benchmarking Bayesian genome enabled-prediction models for age at first calving in Nellore cows. <i>Livestock Science</i> , 2018 , 211, 75-79	1.7	4
127	A note on transgenerational epigenetics affecting egg quality traits in meat-type quail. <i>British Poultry Science</i> , 2018 , 59, 624-628	1.9	4

126	Genetic correlations between growth performance and carcass traits of purebred and crossbred pigs raised in tropical and temperate climates ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 3648-3657	0.7	4
125	Efficiency of genome-wide association studies in random cross populations. <i>Molecular Breeding</i> , 2017 , 37, 1	3.4	4
124	Análise bayesiana univariada e bivariada para a conversão alimentar de suínos da raça Piau. <i>Pesquisa Agropecuaria Brasileira</i> , 2014 , 49, 754-761	1.8	4
123	Combined selection of progeny in crop breeding using best linear unbiased prediction. <i>Canadian Journal of Plant Science</i> , 2012 , 92, 553-562	1	4
122	A new computational method for hepatic fat microvesicles counting in histological study in rats. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 284-9	3.4	4
121	Perdas na ensilagem de capim-elefante aditivado com farelo de cacau e cana-de-açúcar. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 227-233	0.3	4
120	Avaliação da produção de bezerros em confinamento ou em suplementação exclusiva. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007 , 59, 948-954	0.3	4
119	Características físico-químicas e custo do leite de cabras alimentadas com farelo de cacau ou torta de dendê. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 116-123	0.3	4
118	Genetic divergence among cupuaçu accessions by multiscale bootstrap resampling. <i>Bragantia</i> , 2015 , 74, 169-175	1.2	4
117	Seleção genética para melhoramento vegetal com diferentes estruturas populacionais. <i>Pesquisa Agropecuaria Brasileira</i> , 2016 , 51, 1857-1867	1.8	4
116	Digestibilidade aparente da dieta com capim-elefante ensilado com diferentes aditivos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010 , 62, 889-897	0.3	4
115	Genomic selection for slaughter age in pigs using the Cox frailty model. <i>Genetics and Molecular Research</i> , 2015 , 14, 12616-27	1.2	4
114	Genetic progress resulting from forty-three years of breeding of the carioca common bean in Brazil. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	4
113	Quantile Regression Applied to Genome-Enabled Prediction of Traits Related to Flowering Time in the Common Bean. <i>Agronomy</i> , 2019 , 9, 796	3.6	4
112	GenomicLand: Software for genome-wide association studies and genomic prediction. <i>Acta Scientiarum - Agronomy</i> , 2018 , 41, 45361	0.6	4
111	Genome prediction accuracy of common bean via Bayesian models. <i>Ciencia Rural</i> , 2018 , 48,	1.3	4
110	Bayesian random regression threshold models for genetic evaluation of pregnancy probability in Red Sindhi heifers. <i>Livestock Science</i> , 2017 , 202, 166-170	1.7	3
109	Combined index of genomic prediction methods applied to productivity. <i>Ciencia Rural</i> , 2019 , 49,	1.3	3

108	Impact of including information from bulls and their daughters in the training population of multiple-step genomic evaluations in dairy cattle: A simulation study. <i>Journal of Animal Breeding and Genetics</i> , 2019 , 136, 441-452	2.9	3
107	Triple categorical regression for genomic selection: application to cassava breeding. <i>Scientia Agricola</i> , 2019 , 76, 368-375	2.5	3
106	New insights into genomic selection through population-based non-parametric prediction methods. <i>Scientia Agricola</i> , 2019 , 76, 290-298	2.5	3
105	Genetic parameters for milk, growth, and reproductive traits in Guzerá cattle under tropical conditions. <i>Tropical Animal Health and Production</i> , 2020 , 52, 2251-2257	1.7	3
104	Urea supplementation in rumen and post-rumen for cattle fed a low-quality tropical forage. <i>British Journal of Nutrition</i> , 2020 , 124, 1166-1178	3.6	3
103	Autoregressive repeatability model for genetic evaluation of longitudinal reproductive traits in dairy cattle. <i>Journal of Dairy Research</i> , 2020 , 87, 37-44	1.6	3
102	Genome association study through nonlinear mixed models revealed new candidate genes for pig growth curves. <i>Scientia Agricola</i> , 2017 , 74, 1-7	2.5	3
101	Bayesian model combining linkage and linkage disequilibrium analysis for low density-based genomic selection in animal breeding. <i>Journal of Applied Animal Research</i> , 2018 , 46, 873-878	1.7	3
100	Weight gain potential affects pregnancy rates in bovine embryo recipients raised under pasture conditions. <i>Tropical Animal Health and Production</i> , 2016 , 48, 103-7	1.7	3
99	Relationship of testicular biometry with semen variables in breeding soundness evaluation of Nellore bulls. <i>Animal Reproduction Science</i> , 2018 , 196, 168-175	2.1	3
98	Efficiency of Genomic Prediction of Nonassessed Testcrosses. <i>Crop Science</i> , 2019 , 59, 2020-2027	2.4	3
97	Transcript profiling of expressed sequence tags from semimembranosus muscle of commercial and naturalized pig breeds. <i>Genetics and Molecular Research</i> , 2012 , 11, 3315-28	1.2	3
96	Micropropagaõ da bananeira Mãõ cultivada in vitro em diferentes volumes de meio líquido. <i>Revista Ceres</i> , 2013 , 60, 745-751	0.7	3
95	Aplicaõ da anãlise de agrupamento de dados de expressãõ gãnica temporal a dados em painel. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 1489-1495	1.8	3
94	Follow-up of patients with vertically-acquired HIV infection who are more than 9 years old. <i>Journal of Tropical Pediatrics</i> , 2003 , 49, 253-5	1.2	3
93	Multivariate diallel analysis by factor analysis for establish mega-traits. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92 Suppl'1, e20180874	1.4	3
92	Metodologia para anãlise de adaptabilidade e estabilidade por meio de regressãõ quantãlica. <i>Pesquisa Agropecuaria Brasileira</i> , 2015 , 50, 290-297	1.8	3
91	Applying the Metafounders Approach for Genomic Evaluation in a Multibreed Beef Cattle Population. <i>Frontiers in Genetics</i> , 2020 , 11, 556399	4.5	3

90	Feeding behavior, water intake, and energy and protein requirements of young Nellore bulls with different residual feed intakes. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	3
89	Linkage disequilibrium, SNP frequency change due to selection, and association mapping in popcorn chromosome regions containing QTLs for quality traits. <i>Genetics and Molecular Biology</i> , 2016 , 39, 97-110	2	3
88	Genomic prediction for additive and dominance effects of censored traits in pigs. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	3
87	Multi-trait and repeatability models for genetic evaluation of litter traits in pigs considering different farrowings. <i>Revista Brasileira De Saude E Producao Animal</i> , 2016 , 17, 666-676	0.8	3
86	Factors affecting heterotic grouping with cross-pollinating crops. <i>Agronomy Journal</i> , 2021 , 113, 210-223	2.2	3
85	Prediction of aboveground biomass and dry-matter content in Brachiaria pastures by combining meteorological data and satellite imagery. <i>Grass and Forage Science</i> , 2021 , 76, 340-352	2.3	3
84	Quantile regression of nonlinear models to describe different levels of dry matter accumulation in garlic plants. <i>Ciencia Rural</i> , 2018 , 48,	1.3	3
83	Intramuscular collagen characteristics and expression of related genes in skeletal muscle of cull cows receiving a high-energy diet. <i>Meat Science</i> , 2021 , 177, 108495	6.4	3
82	Count Bayesian models for genetic analysis of in vitro embryo production traits in Guzerá cattle. <i>Animal</i> , 2017 , 11, 1440-1448	3.1	2
81	Gene networks for total number born in pigs across divergent environments. <i>Mammalian Genome</i> , 2017 , 28, 426-435	3.2	2
80	Alternative count Bayesian models for genetic evaluation of litter traits in pigs. <i>Livestock Science</i> , 2019 , 225, 140-143	1.7	2
79	Effect of duration of restricted-feeding on nutrient excretion, animal performance, and carcass characteristics of Holstein × Zebu finishing steers. <i>Animal Production Science</i> , 2020 , 60, 535	1.4	2
78	A model-based site selection approach associated with regional frequency analysis for modeling extreme rainfall depths in Minas Gerais state, Southeast Brazil. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 469-484	3.5	2
77	Research Article Expression of lipid metabolism and myosin heavy chain genes in pigs is affected by genotype and dietary lysine. <i>Genetics and Molecular Research</i> , 2018 , 17,	1.2	2
76	Genetic evaluation of age at first calving for Guzera beef cattle using linear, threshold, and survival Bayesian models. <i>Journal of Animal Science</i> , 2018 , 96, 2517-2524	0.7	2
75	Best linear unbiased prediction for genetic evaluation in reciprocal recurrent selection with popcorn populations. <i>Journal of Agricultural Science</i> , 2014 , 152, 428-438	1	2
74	Adaptabilidade e estabilidade e a produtividade de grãos em cultivares de feijão preto recomendadas no Brasil nas últimas cinco décadas. <i>Ciencia Rural</i> , 2015 , 45, 1980-1986	1.3	2
73	Modelo hierárquico bayesiano aplicado na avaliação genética de curvas de crescimento de bovinos de corte. <i>Arquivo Brasileiro De Medicina Veterinária E Zootecnia</i> , 2010 , 62, 409-418	0.3	2

72	Bagaõ de mandioca (<i>Manihot esculenta</i> , Crantz) na dieta de vacas leiteiras: consumo de nutrientes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 1004-1010	0.3	2
71	Inferência Bayesiana na análise genética de populações diploides: estimação do coeficiente de endogamia e da taxa de fecundação cruzada. <i>Ciencia Rural</i> , 2008 , 38, 1258-1265	1.3	2
70	Identificação e modelagem da autocorrelação residual no ajuste do modelo de Wood às curvas de lactação de cabras. <i>Ciencia Rural</i> , 2011 , 41, 1818-1822	1.3	2
69	Estimativas de variância genética aditiva em populações selecionadas e não-selecionadas via simulação Monte Carlo utilizando o software R. <i>Ciencia E Agrotecnologia</i> , 2009 , 33, 285-291	1.6	2
68	Multi-trait BLUP model indicates sorghum hybrids with genetic potential for agronomic and nutritional traits. <i>Genetics and Molecular Research</i> , 2016 , 15, 15017071	1.2	2
67	Novilhos nelore suplementados em pastagens: consumo, desempenho e digestibilidade. <i>Archivos De Zootecnia</i> , 2010 , 59,	1.4	2
66	Bayesian random regression for genetic evaluation of South American leaf blight in rubber trees. <i>Revista Ciencia Agronomica</i> , 2017 , 48,	1	2
65	Enviromicsin breeding: applications and perspectives on envirotypic-assisted selection		2
64	Genetic parameters for fertility traits in Nellore bulls. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 38-43	1.6	2
63	Autoregressive and random regression test-day models for multiple lactations in genetic evaluation of Brazilian Holstein cattle. <i>Journal of Animal Breeding and Genetics</i> , 2020 , 137, 305-315	2.9	2
62	Seleção e associação genética ampla para o melhoramento genético animal com uso do método ssGBLUP. <i>Pesquisa Agropecuaria Brasileira</i> , 2016 , 51, 1729-1736	1.8	2
61	Technical note: Prediction of chemical rib section composition by dual energy X-ray absorptiometry in Zebu beef cattle. <i>Journal of Animal Science</i> , 2016 , 94, 2479-84	0.7	2
60	Genotype imputation strategies for Portuguese Holstein cattle using different SNP panels. <i>Czech Journal of Animal Science</i> , 2019 , 64, 377-386	1.1	2
59	Censored Bayesian models for genetic evaluation of age at first calving in Brazilian Brahman cattle. <i>Livestock Science</i> , 2019 , 221, 177-180	1.7	2
58	Genetic evaluation for latent variables derived from factor analysis in broilers. <i>British Poultry Science</i> , 2020 , 61, 3-9	1.9	2
57	Alternative bayesian models for genetic evaluation of biometrical, physical, and morphological reproductive traits in nelore bulls. <i>Livestock Science</i> , 2021 , 244, 104313	1.7	2
56	Genetic evaluation of growth traits in Nellore cattle through multi-trait and random regression models. <i>Czech Journal of Animal Science</i> , 2018 , 63, 212-221	1.1	2
55	Associations between morphometric variables and weight and yields carcass in Pirapitinga <i>Piaractus brachypomus</i> . <i>Aquaculture Research</i> , 2019 , 50, 2004-2011	1.9	1

54	Use of nonlinear mixed models for describing testicular volume growth curve in Nellore bulls. <i>Theriogenology</i> , 2019 , 133, 65-70	2.8	1
53	Analysis of the adaptability of black bean cultivars by means of quantile regression. <i>Ciencia Rural</i> , 2019 , 49,	1.3	1
52	Evaluation of Bayesian models for analysis of crude protein requirement for pigs of Brazilian Piau breed. <i>Scientia Agricola</i> , 2019 , 76, 208-213	2.5	1
51	Efficiency of Bayesian quantitative trait loci mapping with full-sib progeny. <i>Agronomy Journal</i> , 2020 , 112, 2759-2767	2.2	1
50	The optimal number of partial least squares components in genomic selection for pork pH. <i>Ciencia Rural</i> , 2017 , 47,	1.3	1
49	Contemporary groups in the genetic evaluation of Nellore cattle using Bayesian inference. <i>Pesquisa Agropecuaria Brasileira</i> , 2017 , 52, 643-651	1.8	1
48	Genome-Wide Association Studies (GWAS) 2014 , 83-104		1
47	Genome-Wide Selection (GWS) 2014 , 105-133		1
46	Modelagem hierárquica Bayesiana na avaliação de curvas de crescimento de suínos genotipados para o gene halotano. <i>Ciencia Rural</i> , 2014 , 44, 1853-1859	1.3	1
45	Comportamento ingestivo de vacas em lactação alimentadas com cana-de-açúcar ou feno da parte aérea da mandioca. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012 , 64, 1629-1638	0.3	1
44	Viabilidade econômica do uso de fontes lipídicas na dieta de vacas em lactação. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013 , 65, 1454-1462	0.3	1
43	Quadrados mínimos parciais uni e multivariado aplicados na seleção genética para características de carcaça em suínos. <i>Ciencia Rural</i> , 2013 , 43, 1642-1649	1.3	1
42	Evaluation of a dynamic simulation model for milk production systems. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 903-912	1.2	1
41	Abordagem bayesiana da sensibilidade de modelos para o coeficiente de endogamia. <i>Ciencia Rural</i> , 2009 , 39, 1752-1759	1.3	1
40	Análise bayesiana para modelos de degradabilidade ruminal. <i>Ciencia Rural</i> , 2009 , 39, 2169-2177	1.3	1
39	Digestibilidade dos nutrientes do bagaço de mandioca em dietas de novilhas leiteiras. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 996-1003	0.3	1
38	Inferência bayesiana da conversão alimentar em diferentes experimentos animais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 466-474	0.3	1
37	Progesterone and estrogen receptor expression by canine cutaneous soft tissue sarcomas. <i>Pesquisa Veterinaria Brasileira</i> , 2020 , 40, 284-288	0.4	1

36	Bayesian inference for the fitting of dry matter accumulation curves in garlic plants. <i>Pesquisa Agropecuaria Brasileira</i> , 2017 , 52, 572-581	1.8	1
35	Ajuste de modelos de platô de resposta via regressão isotônica. <i>Ciencia Rural</i> , 2012 , 42, 354-359	1.3	1
34	Generalized linear mixed models for the genetic evaluation of binary reproductive traits: a simulation study. <i>Revista Brasileira De Zootecnia</i> , 2012 , 41, 52-57	1.2	1
33	Quantifying individual variation in reaction norms using random regression models fitted through Legendre polynomials: application in eucalyptus breeding. <i>Bragantia</i> , 2020 , 79, 485-501	1.2	1
32	Efficiency of genome-wide association study in open-pollinated populations		1
31	Fontes de amido no concentrado de bovinos superprecoces de diferentes classes sexuais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014 , 66, 1129-1138	0.3	1
30	Seleção genética ampla para curvas de crescimento. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013 , 65, 1519-1526	0.3	1
29	Genetic parameters, genome-wide association and gene networks for milk and reproductive traits in Guzerá cattle. <i>Livestock Science</i> , 2020 , 242, 104273	1.7	1
28	Estimation of genetic parameters for body areas in Nile tilapia measured by digital image analysis. <i>Journal of Animal Breeding and Genetics</i> , 2021 , 138, 731-738	2.9	1
27	Exploring the use of residual variance for uniformity of body weight in meat quail lines using Bayesian inference. <i>British Poultry Science</i> , 2021 , 62, 474-484	1.9	1
26	Genome-Wide Analyses Reveal the Genetic Architecture and Candidate Genes of Indicine, Taurine, Synthetic Crossbreds, and Locally Adapted Cattle in Brazil. <i>Frontiers in Genetics</i> , 2021 , 12, 702822	4.5	1
25	Isotonic regression analysis of Guzerá cattle growth curves. <i>Revista Ceres</i> , 2018 , 65, 24-27	0.7	1
24	Use of regularized quantile regression to predict the genetic merit of pigs for asymmetric carcass traits. <i>Pesquisa Agropecuaria Brasileira</i> , 2018 , 53, 1011-1017	1.8	1
23	Impact of embryo transfer phenotypic records on large-scale beef cattle genetic evaluations. <i>Revista Brasileira De Zootecnia</i> , 2018 , 47,	1.2	1
22	Research Article Support vector machines applied to the genetic classification problem of hybrid populations with high degrees of similarity. <i>Genetics and Molecular Research</i> , 2018 , 17,	1.2	1
21	Exigência de proteína bruta para juvenis de curimatã pacu. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018 , 70, 921-930	0.3	1
20	Evaluation of Bayesian methods of genomic association via chromosomal regions using simulated data. <i>Scientia Agricola</i> , 2022 , 79,	2.5	1
19	Genes expression and phenotypic differences in corpus luteum and cumulus cells of commercial line and piauí breed gilts. <i>Theriogenology</i> , 2019 , 136, 111-117	2.8	0

18	Effects of nutritional plans and genetic groups on performance, carcass and meat quality traits of finishing pigs. <i>Food Science and Technology</i> , 2019 , 39, 538-545	2	0
17	Exploring the Removal of Organic Matter in Constructed Wetlands Using First Order Kinetic Models. <i>Water (Switzerland)</i> , 2022 , 14, 472	3	0
16	Parâmetros e ganhos genéticos em características de crescimento de bovinos Tabapuã da Bahia. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 1043-1052	0.3	0
15	Composição centesimal e de ácidos graxos do músculo Longissimus de cordeiros confinados, alimentados com dietas contendo casca de mandioca. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 1325-1333	0.3	0
14	Applying an association weight matrix in weighted genomic prediction of boar taint compounds. <i>Journal of Animal Breeding and Genetics</i> , 2021 , 138, 442-453	2.9	0
13	Genotype by environment interaction for Holstein cattle populations using autoregressive and within- and across-country multi-trait reaction norms test-day models. <i>Animal</i> , 2021 , 15, 100084	3.1	0
12	Ingestive behavior of dairy goats fed diets containing increasing levels of neutral detergent fiber and particle size using multivariate analysis. <i>Acta Scientiarum - Animal Sciences</i> , 2018 , 41, 45870	0.3	0
11	Genetic Modeling and Genomic Analyses of Yearling Temperament in American Angus Cattle and Its Relationship With Productive Efficiency and Resilience Traits.. <i>Frontiers in Genetics</i> , 2022 , 13, 794625	4.5	0
10	Genetic evaluation for days to calving in Nellore heifers using Exponential and Gaussian Censored Bayesian models. <i>Livestock Science</i> , 2019 , 230, 103828	1.7	
9	Weighted genome-wide association study reveals new candidate genes related to boar taint compounds 1. <i>Livestock Science</i> , 2022 , 257, 104845	1.7	
8	Multi-Trait analysis of growth traits: fitting reduced rank models using principal components for Simmental beef cattle. <i>Ciencia Rural</i> , 2016 , 46, 1656-1661	1.3	
7	Previsão Bayesiana de valores genéticos de touros por meio do modelo auto-regressivo para dados em painel. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008 , 60, 1166-1173	0.3	
6	Valor nutritivo do capim-elefante ensilado com farelo de cacau e cana-de-açúcar. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009 , 61, 1339-1345	0.3	
5	Comparação bayesiana de modelos com uma aplicação para o equilíbrio de Hardy-Weinberg usando o coeficiente de desequilíbrio. <i>Ciencia Rural</i> , 2011 , 41, 834-840	1.3	
4	Autoregressive single-step model for genomic evaluation of longitudinal reproductive traits in portuguese holstein cattle. <i>Journal of Animal Breeding and Genetics</i> , 2021 , 138, 349-359	2.9	
3	Autoregressive model for genetic evaluation of longitudinal reproductive traits in Brazilian Holstein cattle. <i>Reproduction in Domestic Animals</i> , 2021 , 56, 391-399	1.6	
2	Avaliação da imobilidade tática em codornas de corte via análise de sobrevivência. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018 , 70, 1009-1012	0.3	
1	Preliminary study on tick ectoparasites of horses: effects on tick development and on the haematological parameters of hosts. <i>International Journal of Acarology</i> , 2022 , 48, 43-49	0.6	

