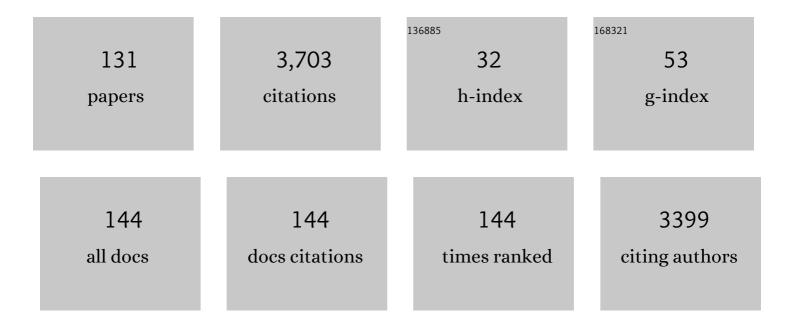
Luciana Ca Regitano

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development of genomic predictions for Angus cattle in Brazil incorporating genotypes from related American sires. Journal of Animal Science, 2022, , .	0.2	1
2	Cross-population selection signatures in Canchim composite beef cattle. PLoS ONE, 2022, 17, e0264279.	1.1	7
3	DNA methylation may affect beef tenderness through signal transduction in Bos indicus. Epigenetics and Chromatin, 2022, 15, 15.	1.8	6
4	Stool and Ruminal Microbiome Components Associated With Methane Emission and Feed Efficiency in Nelore Beef Cattle. Frontiers in Genetics, 2022, 13, .	1.1	12
5	Differential Gene Expression Associated with Soybean Oil Level in the Diet of Pigs. Animals, 2022, 12, 1632.	1.0	5
6	Prune homolog 2 with BCH domain (PRUNE2) gene expression is associated with feed efficiency-related traits in Nelore steers. Mammalian Genome, 2022, 33, 629-641.	1.0	1
7	Nasopharyngeal Microbial Communities of Patients Infected With SARS-CoV-2 That Developed COVID-19. Frontiers in Microbiology, 2021, 12, 637430.	1.5	53
8	Muscle allele-specific expression QTLs may affect meat quality traits in Bos indicus. Scientific Reports, 2021, 11, 7321.	1.6	10
9	Introgression, admixture, and selection facilitate genetic adaptation to high-altitude environments in cattle. Genomics, 2021, 113, 1491-1503.	1.3	10
10	Comparative untargeted metabolome analysis of ruminal fluid and feces of Nelore steers (Bos) Tj ETQq0 0 0 rgB	T /Overloc 1.6	k 10 Tf 50 38
11	Genome-Wide Analyses Reveal the Genetic Architecture and Candidate Genes of Indicine, Taurine, Synthetic Crossbreds, and Locally Adapted Cattle in Brazil. Frontiers in Genetics, 2021, 12, 702822.	1.1	10
12	Multi-Omics Approach Reveals miR-SNPs Affecting Muscle Fatty Acids Profile in Nelore Cattle. Genes, 2021, 12, 67.	1.0	12

13	Overlapping haplotype blocks indicate shared genomic regions between a composite beef cattle breed and its founder breeds. Livestock Science, 2021, 254, 104747.	0.6	0
14	CNVRanger: association analysis of CNVs with gene expression and quantitative phenotypes. Bioinformatics, 2020, 36, 972-973.	1.8	17
15	FABP1 and SLC2A5 expression levels affect feed efficiency-related traits. Agri Gene, 2020, 15, 100100.	1.9	3
16	Potential Biomarkers for Feed Efficiency-Related Traits in Nelore Cattle Identified by Co-expression Network and Integrative Genomics Analyses. Frontiers in Genetics, 2020, 11, 189.	1.1	23
17	Allele-specific expression is widespread in Bos indicus muscle and affects meat quality candidate genes. Scientific Reports, 2020, 10, 10204.	1.6	13
18	The structure of microbial populations in Nelore GIT reveals inter-dependency of methanogens in feces and rumen. Journal of Animal Science and Biotechnology, 2020, 11, 6.	2.1	28

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19	Proteome alterations associated with the oleic acid and cis-9, trans-11 conjugated linoleic acid content in bovine skeletal muscle. Journal of Proteomics, 2020, 222, 103792.	1.2	2
20	Genetic regulators of mineral amount in Nelore cattle muscle predicted by a new co-expression and regulatory impact factor approach. Scientific Reports, 2020, 10, 8436.	1.6	10
21	Interplay among miR-29 family, mineral metabolism, and gene regulation in Bos indicus muscle. Molecular Genetics and Genomics, 2020, 295, 1113-1127.	1.0	2
22	Tournaments between markers as a strategy to enhance genomic predictions. PLoS ONE, 2019, 14, e0217283.	1.1	4
23	Co-Expression Networks Reveal Potential Regulatory Roles of miRNAs in Fatty Acid Composition of Nelore Cattle. Frontiers in Genetics, 2019, 10, 651.	1.1	22
24	Cross talk between mineral metabolism and meat quality: a systems biology overview. Physiological Genomics, 2019, 51, 529-538.	1.0	12
25	CRUMBLER: A tool for the prediction of ancestry in cattle. PLoS ONE, 2019, 14, e0221471.	1.1	7
26	Muscle transcriptome analysis reveals genes and metabolic pathways related to mineral concentration in Bos indicus. Scientific Reports, 2019, 9, 12715.	1.6	15
27	Detection of Co-expressed Pathway Modules Associated With Mineral Concentration and Meat Quality in Nelore Cattle. Frontiers in Genetics, 2019, 10, 210.	1.1	27
28	PSVIII-38 Genomic prediction for tick resistance in Angus cattle. Journal of Animal Science, 2019, 97, 263-263.	0.2	0
29	Evaluation of imputation accuracy using the combination of two high-density panels in Nelore beef cattle. Scientific Reports, 2019, 9, 17920.	1.6	3
30	Network analysis uncovers putative genes affecting resistance to tick infestation in Braford cattle skin. BMC Genomics, 2019, 20, 998.	1.2	18
31	Gene co-expression networks associated with carcass traits reveal new pathways for muscle and fat deposition in Nelore cattle. BMC Genomics, 2019, 20, 32.	1.2	34
32	MiRNAs differentially expressed in skeletal muscle of animals with divergent estimated breeding values for beef tenderness. BMC Molecular Biology, 2019, 20, 1.	3.0	30
33	Prospecting genes associated with navel length, coat and scrotal circumference traits in Canchim cattle. Livestock Science, 2018, 210, 33-38.	0.6	6
34	Widespread modulation of gene expression by copy number variation in skeletal muscle. Scientific Reports, 2018, 8, 1399.	1.6	25
35	Longissimus dorsi muscle label-free quantitative proteomic reveals biological mechanisms associated with intramuscular fat deposition. Journal of Proteomics, 2018, 179, 30-41.	1.2	53
36	A comprehensive manually-curated compendium of bovine transcription factors. Scientific Reports, 2018, 8, 13747.	1.6	18

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37	An integrative transcriptome analysis indicates regulatory mRNA-miRNA networks for residual feed intake in Nelore cattle. Scientific Reports, 2018, 8, 17072.	1.6	47
38	Gene Co-expression Analysis Indicates Potential Pathways and Regulators of Beef Tenderness in Nellore Cattle. Frontiers in Genetics, 2018, 9, 441.	1.1	54
39	Data from proteomic analysis of bovine Longissimus dorsi muscle associated with intramuscular fat content. Data in Brief, 2018, 19, 1314-1317.	0.5	6
40	KCNJ11 gene expression is associated to feed consumption and growth traits in Nelore beef cattle. Agri Gene, 2018, 9, 1-4.	1.9	1
41	Integrative analysis of microRNAs and mRNAs revealed regulation of composition and metabolism in Nelore cattle. BMC Genomics, 2018, 19, 126.	1.2	53
42	Identification of putative regulatory regions and transcription factors associated with intramuscular fat content traits. BMC Genomics, 2018, 19, 499.	1.2	51
43	HSF1 and HSPA6 as functional candidate genes associated with heat tolerance in Angus cattle. Revista Brasileira De Zootecnia, 2018, 47, .	0.3	17
44	Genome-Enabled Prediction of Breeding Values for Feedlot Average Daily Weight Gain in Nelore Cattle. G3: Genes, Genomes, Genetics, 2017, 7, 1855-1859.	0.8	6
45	Candidate genes for male and female reproductive traits in Canchim beef cattle. Journal of Animal Science and Biotechnology, 2017, 8, 67.	2.1	32
46	Tissue Tropism in Host Transcriptional Response to Members of the Bovine Respiratory Disease Complex. Scientific Reports, 2017, 7, 17938.	1.6	28
47	Genomewide association study for production and meat quality traits in Canchim beef cattle1. Journal of Animal Science, 2017, 95, 3381-3390.	0.2	12
48	Comparative muscle transcriptome associated with carcass traits of Nellore cattle. BMC Genomics, 2017, 18, 506.	1.2	51
49	Genomewide association mapping and pathway analysis of meat tenderness in Polled Nellore cattle1. Journal of Animal Science, 2017, 95, 1945-1956.	0.2	6
50	Study on the introgression of beef breeds in Canchim cattle using single nucleotide polymorphism markers. PLoS ONE, 2017, 12, e0171660.	1.1	11
51	Genotypic and allelic frequencies of gene polymorphisms associated with meat tenderness in Nellore beef cattle. Genetics and Molecular Research, 2017, 16, .	0.3	5
52	The Bos taurus–Bos indicus balance in fertility and milk related genes. PLoS ONE, 2017, 12, e0181930.	1.1	33
53	Genomewide association mapping and pathway analysis of meat tenderness in Polled Nellore cattle. Journal of Animal Science, 2017, 95, 1945.	0.2	19
54	Genome-Wide Detection of CNVs and Their Association with Meat Tenderness in Nelore Cattle. PLoS ONE, 2016, 11, e0157711.	1.1	59

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55	Allele- and parent-of-origin-specific effects on expression of the KCNJ11 gene: A candidate for meat tenderness in cattle. Genetics and Molecular Research, 2016, 15, .	0.3	2
56	Differences in the skeletal muscle transcriptome profile associated with extreme values of fatty acids content. BMC Genomics, 2016, 17, 961.	1.2	54
57	Variation in <i>myogenic differentiation 1</i> mRNA abundance isÂassociated with beef tenderness in Nelore cattle. Animal Genetics, 2016, 47, 491-494.	0.6	8
58	Gene expression differences in Longissimus muscle of Nelore steers genetically divergent for residual feed intake. Scientific Reports, 2016, 6, 39493.	1.6	57
59	Genomic structure and marker-derived gene networks for growth and meat quality traits of Brazilian Nelore beef cattle. BMC Genomics, 2016, 17, 235.	1.2	31
60	Selection signatures in Canchim beef cattle. Journal of Animal Science and Biotechnology, 2016, 7, 29.	2.1	49
61	Comparison of Sequence Variants in the PDK4 and COX4I2 Genes Between Racing and Cutting Lines of Quarter Horses and Associations With the Speed Index. Journal of Equine Veterinary Science, 2016, 39, 1-6.	0.4	9
62	MSTN , CKM , and DMRT3 Gene Variants in Different Lines of Quarter Horses. Journal of Equine Veterinary Science, 2016, 39, 33-37.	0.4	18
63	Iron Content Affects Lipogenic Gene Expression in the Muscle of Nelore Beef Cattle. PLoS ONE, 2016, 11, e0161160.	1.1	28
64	Candidate genes for carcass traits in a tropical-adapted Brazilian composite beef breed. Genetics and Molecular Research, 2015, 14, 16667-16674.	0.3	3
65	Putative Regulatory Factors Associated with Intramuscular Fat Content. PLoS ONE, 2015, 10, e0128350.	1.1	116
66	Polymorphisms in TOX and NCOA2 genes and their associations with reproductive traits in cattle. Reproduction, Fertility and Development, 2015, 27, 523.	0.1	14
67	Detection of quantitative trait loci for mineral content of Nelore longissimus dorsi muscle. Genetics Selection Evolution, 2015, 47, 15.	1.2	40
68	Global liver gene expression differences in Nelore steers with divergent residual feed intake phenotypes. BMC Genomics, 2015, 16, 242.	1.2	109
69	Strategies for genotype imputation in composite beef cattle. BMC Genetics, 2015, 16, 99.	2.7	17
70	Allele substitution effects of IGF1, GH and PIT1 markers on estimated breeding values for weight and reproduction traits in Canchim beef cattle. Livestock Science, 2015, 180, 78-83.	0.6	1
71	Effect of IGF1, GH, and PIT1 markers on the genetic parameters of growth and reproduction traits in Canchim cattle. Molecular Biology Reports, 2015, 42, 245-251.	1.0	15
72	Sequenciamento parcial dos genes TOX e NCOA2 em bubalinos. Archivos De Zootecnia, 2015, 64, 75-78.	0.2	1

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73	Short Communication Single nucleotide polymorphisms in candidate genes associated with gastrointestinal nematode infection in goats. Genetics and Molecular Research, 2014, 13, 8530-8536.	0.3	10
74	Identification of genomic regions associated with feed efficiency in Nelore cattle. BMC Genetics, 2014, 15, 100.	2.7	87
75	Worldwide Patterns of Ancestry, Divergence, and Admixture in Domesticated Cattle. PLoS Genetics, 2014, 10, e1004254.	1.5	391
76	Genome-wide association study for intramuscular fat deposition and composition in Nellore cattle. BMC Genetics, 2014, 15, 39.	2.7	121
77	Inheritance of AFLP markers and genetic linkage analysis in two full-sib families of the marine shrimp <i>Litopenaeus vannamei</i> (Crustacea, Decapoda). Advances in Bioscience and Biotechnology (Print), 2014, 05, 273-281.	0.3	3
78	Calcium and potassium content in beef: Influences on tenderness and associations with molecular markers in Nellore cattle. Meat Science, 2014, 96, 436-440.	2.7	43
79	Quantitative study of Babesia bovis infection in beef cattle from São Paulo state, Brazil. Ticks and Tick-borne Diseases, 2014, 5, 234-238.	1.1	25
80	Association between JY-1 gene polymorphisms and reproductive traits in beef cattle. Gene, 2014, 533, 477-480.	1.0	15
81	Genomics in the United States beef industry. Livestock Science, 2014, 166, 84-93.	0.6	17
82	A genomeâ€wide scan for selection signatures in <scp>N</scp> ellore cattle. Animal Genetics, 2014, 45, 771-781.	0.6	15
83	Heat shock and structural proteins associated with meat tenderness in Nellore beef cattle, a Bos indicus breed. Meat Science, 2014, 96, 1318-1324.	2.7	79
84	Bovine NR113 gene polymorphisms and its association with feed efficiency traits in Nellore cattle. Meta Gene, 2014, 2, 206-217.	0.3	17
85	Linkage disequilibrium and haplotype block structure in a composite beef cattle breed. BMC Genomics, 2014, 15, S6.	1.2	48
86	Genome-Wide Association for Growth Traits in Canchim Beef Cattle. PLoS ONE, 2014, 9, e94802.	1.1	53
87	Babesia bovis infection in cattle in the southwestern Brazilian Amazon. Ticks and Tick-borne Diseases, 2013, 4, 78-82.	1.1	5
88	Genome-wide association study for backfat thickness in Canchim beef cattle using Random Forest approach. BMC Genetics, 2013, 14, 47.	2.7	32
89	Identification of <i>KCNJ11</i> as a functional candidate gene for bovine meat tenderness. Physiological Genomics, 2013, 45, 1215-1221.	1.0	14
90	Characterization of the Exonic Regions of the <scp>JY</scp> â€1 Gene in Zebu Cattle and Buffaloes. Reproduction in Domestic Animals, 2013, 48, 918-922.	0.6	7

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91	Genome scan for meat quality traits in Nelore beef cattle. Physiological Genomics, 2013, 45, 1012-1020.	1.0	123
92	Imputation of microsatellite alleles from dense SNP genotypes for parentage verification across multiple Bos taurus and Bos indicus breeds. Frontiers in Genetics, 2013, 4, 176.	1.1	29
93	Polymorphism and parent-of-origin effects on gene expression of CAST, leptin and DGAT1 in cattle. Meat Science, 2012, 90, 507-510.	2.7	4
94	A SNP in ASAP1 gene is associated with meat quality and production traits in Nelore breed. Meat Science, 2012, 92, 855-857.	2.7	33
95	First polymorphisms in JY-1 gene in cattle (Bos taurus indicus) and their association with sexual precocity and growth traits. Molecular Biology Reports, 2012, 39, 10105-10109.	1.0	10
96	Candidate genes for production traits in Nelore beef cattle. Genetics and Molecular Research, 2012, 11, 4138-4144.	0.3	10
97	Resistance of cattle of various genetic groups to the tick Rhipicephalus microplus and the relationship with coat traits. Veterinary Parasitology, 2012, 186, 425-430.	0.7	52
98	Wholeâ€genome analysis for backfat thickness in a tropically adapted, composite cattle breed from Brazil. Animal Genetics, 2012, 43, 518-524.	0.6	3
99	Association of CSSM066 and ILSTS011 microsatellite markers and thyroglobulin gene SNP with backfat in Canchim cattle. Scientia Agricola, 2012, 69, 1-5.	0.6	2
100	Candidate gene region for control of rib eye area in Canchim beef cattle. Genetics and Molecular Research, 2011, 10, 1220-1226.	0.3	3
101	mRNA profile of Nellore calves after primary infection with Haemonchus placei. Veterinary Parasitology, 2011, 176, 195-200.	0.7	11
102	Genetic variability among the wild boars (Sus scrofa scrofa), crossbred animals and pigs using microsatellite markers (STRs). Brazilian Archives of Biology and Technology, 2011, 54, 301-306.	0.5	1
103	Genome wide scan for quantitative trait loci affecting tick resistance in cattle (Bos taurus × Bos) Tj ETQq1 1 0	.784314 rg 1.2	gBT_/Overlock
104	Infestação natural de fêmeas bovinas de corte por ectoparasitas na Região Sudeste do Brasil. Revista Brasileira De Zootecnia, 2010, 39, 1477-1482.	0.3	20
105	Prospecting candidate SNPs for backfat in Canchim beef cattle. Genetics and Molecular Research, 2010, 9, 1997-2003.	0.3	10
106	Analysis of copy number variations among diverse cattle breeds. Genome Research, 2010, 20, 693-703.	2.4	280
107	Efeitos de ambiente e estimativas de parâmetros genéticos para caracterÃsticas de carcaça em bovinos da raça Canchim criados em pastagem. Revista Brasileira De Zootecnia, 2010, 39, 1437-1442.	0.3	17
108	Parentage test in broad-snouted caimans (Caiman latirostris, Crocodylidae) using microsatellite DNA. Genetics and Molecular Biology, 2009, 32, 874-881.	0.6	12

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109	Characterization of mitochondrial genotypes in the foundation herd of the Canchim beef cattle breed. Genetics and Molecular Research, 2009, 8, 261-267.	0.3	3
110	Detection of Babesia bigemina in cattle of different genetic groups and in Rhipicephalus (Boophilus) microplus tick. Veterinary Parasitology, 2008, 155, 281-286.	0.7	25
111	Association of an <i>insulinâ€like growth factor 1</i> gene microsatellite with phenotypic variation and estimated breeding values of growth traits in Canchim cattle. Animal Genetics, 2008, 39, 480-485.	0.6	37
112	Genotype characterization of the Haematobia Irritans (diptera: muscidae) from Brazil, Dominican Republic and Colombia based on randomly amplified polymorphic dna (rapd) analysis. Brazilian Journal of Veterinary Parasitology, 2008, 17, 179-184.	0.2	4
113	Association of PIT1 genotypes with growth traits in Canchim cattle. Scientia Agricola, 2008, 65, 116-121.	0.6	12
114	Growth hormone 1 gene (GH1) polymorphisms as possible markers of the production potential of beef cattle using the Brazilian Canchim breed as a model. Genetics and Molecular Biology, 2008, 31, 874-879.	0.6	8
115	Quantitative trait loci (QTL) mapping for growth traits on bovine chromosome 14. Genetics and Molecular Biology, 2007, 30, 364-369.	0.6	3
116	Genotype characterization of Haematobia irritans from different Brazilian geographic regions based on randomly amplified polymorphic DNA (RAPD) analysis. Pesquisa Veterinaria Brasileira, 2007, 27, 1-5.	0.5	2
117	Artificial infestation of Boophilus microplus in beef cattle heifers of four genetic groups. Genetics and Molecular Biology, 2007, 30, 1150-1155.	0.6	31
118	Mapping of quantitative trait loci controlling tick [<i>Riphicephalus</i> (<i>Boophilus</i>) <i>microplus</i>] resistance on bovine chromosomes 5, 7 and 14. Animal Genetics, 2007, 38, 453-459.	0.6	44
119	Quantitative trait locus affecting birth weight on bovine chromosome 5 in a F2 Gyr x Holstein population. Genetics and Molecular Biology, 2005, 28, 670-676.	0.6	4
120	Molecular marker heterozygosities and genetic distances as correlates of production traits in F1 bovine crosses. Genetics and Molecular Biology, 2005, 28, 218-224.	0.6	4
121	Association of GH and IGF-1 polymorphisms with growth traits in a synthetic beef cattle breed. Genetics and Molecular Biology, 2005, 28, 230-236.	0.6	43
122	Ajuste de modelos não-lineares em estudos de associação entre polimorfismos genéticos e crescimento em bovinos de corte. Revista Brasileira De Zootecnia, 2004, 33, 1416-1425.	0.3	11
123	Lack of Genetic Structuring among Tropical Brazilian Wood Stork Populations and Low Genetic Differentiation from North American Populations. Biotropica, 2004, 36, 248-258.	0.8	9
124	Semiquantitative determination ofAlicyclobacillus acidoterrestris in orange juice by reverse- transcriptase polymerase chain reaction and capillary electrophoresis - laser induced fluorescence using microchip technology. Electrophoresis, 2004, 25, 3860-3864.	1.3	23
125	Candidate genes for growth traits in beef cattle crosses Bos taurus x Bos indicus. Journal of Animal Breeding and Genetics, 2003, 120, 51-56.	0.8	48
126	QTL affecting body weight in a candidate region of cattle chromosome 5. Genetics and Molecular Biology, 2003, 26, 259-265.	0.6	39

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127	Genetic characterization of Aberdeen Angus cattle using molecular markers. Genetics and Molecular Biology, 2003, 26, 133-137.	0.6	33
128	Prevalência de rotavÃrus do grupo A em fezes diarréicas de bezerros de corte em sistema semi-intensivo de produção. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2003, 55, 266-270.	0.1	13
129	Caracterização molecular de animais da raça Nelore utilizando microssatélites e genes candidatos. Revista Brasileira De Zootecnia, 2000, 29, 1044-1049.	0.3	14
130	Selection for breed-specific growth hormone and IGF-I alleles in a synthetic beef cattle cross, Canchim. Genetics and Molecular Biology, 1999, 22, 531-537.	0.6	15
131	k -Casein, b -lactoglobulin and growth hormone allele frequencies and genetic distances in Nelore, Gyr, Guzerá, Caracu, Charolais, Canchim and Santa Gertrudis cattle. Genetics and Molecular Biology, 1999, 22, 539-541.	0.6	39