

# Daniela Loureno

## List of Publications by Year in Descending Order

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

106  
papers

1,796  
citations

23  
h-index

38  
g-index

123  
ext. papers

2,794  
ext. citations

2.3  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
106	Past, present, and future developments in single-step genomic models. <i>Italian Journal of Animal Science</i> , <b>2022</b> , 21, 673-685	2.2	0
105	A Comprehensive Comparison of Haplotype-Based Single-Step Genomic Predictions in Livestock Populations With Different Genetic Diversity Levels: A Simulation Study. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 729867	4.5	1
104	Emerging issues in genomic selection. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	2
103	Determining the stability of accuracy of genomic estimated breeding values in future generations in commercial pig populations. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	2
102	Accounting for Population Structure and Phenotypes From Relatives in Association Mapping for Farm Animals: A Simulation Study. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 642065	4.5	3
101	Indirect genomic predictions for milk yield in crossbred Holstein-Jersey dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 5728-5737	4	0
100	Investigation of ̢-hydroxybutyrate in early lactation of Simmental cows: Genetic parameters and genomic predictions. <i>Journal of Animal Breeding and Genetics</i> , <b>2021</b> , 138, 708-718	2.9	2
99	Validation of single-step GBLUP genomic predictions from threshold models using the linear regression method: An application in chicken mortality. <i>Journal of Animal Breeding and Genetics</i> , <b>2021</b> , 138, 4-13	2.9	8
98	Bias in genomic predictions by mating practices for linear type traits in a large-scale genomic evaluation. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 662-677	4	5
97	Genomic predictions for fillet yield and firmness in rainbow trout using reduced-density SNP panels. <i>BMC Genomics</i> , <b>2021</b> , 22, 92	4.5	5
96	Changes in genomic predictions when new information is added. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	2
95	Accuracy of genomic breeding values and predictive ability for postweaning liveweight and age at first calving in a Nellore cattle population with missing sire information. <i>Tropical Animal Health and Production</i> , <b>2021</b> , 53, 432	1.7	0
94	Detecting effective starting point of genomic selection by divergent trends from best linear unbiased prediction and single-step genomic best linear unbiased prediction in pigs, beef cattle, and broilers. <i>Journal of Animal Science</i> , <b>2021</b> , 99,	0.7	3
93	Genomic investigation of milk production in Italian buffalo. <i>Italian Journal of Animal Science</i> , <b>2021</b> , 20, 539-547	2.2	7
92	Validation of single-step genomic predictions using the linear regression method for milk yield and heat tolerance in a Thai-Holstein population.. <i>Veterinary World</i> , <b>2021</b> , 14, 3119-3125	1.7	0
91	Genome-wide identification of loci associated with growth in rainbow trout. <i>BMC Genomics</i> , <b>2020</b> , 21, 209	4.5	15
90	Variance components using genomic information for 2 functional traits in Italian Simmental cattle: Calving interval and lactation persistency. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5227-5233	4	6

89	Indirect predictions with a large number of genotyped animals using the algorithm for proven and young. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	3
88	Changes in genetic parameters for fitness and growth traits in pigs under genomic selection. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	17
87	Current status of genomic evaluation. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	33
86	294 Increased fluctuations of genetic evaluations with genomic information. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 32-33	0.7	
85	25 Determining stability of genomic predictivity in future generations in commercial pig populations. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 21-21	0.7	1
84	384 Genetic and Genomic Analysis in Livestock with Increasing Datasets. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 137-138	0.7	
83	28 Genomic prediction for marbling score in Hanwoo cattle using sequence data. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 11-12	0.7	
82	31 Changes in genomic predictions when new data is included. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 7-8	0.7	
81	Investigating conception rate for beef service sires bred to dairy cows and heifers. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 10374-10382	4	7
80	Introduction: ADSA and Interbull Joint Breeding and Genetics Symposia. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5275-5277	4	
79	Estimating dominance genetic variances for growth traits in American Angus males using genomic models. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	1
78	Effect of pond- or strip-spawning on growth and carcass yield of channel catfish progeny, <i>Ictalurus punctatus</i> . <i>Journal of the World Aquaculture Society</i> , <b>2020</b> , 51, 407-417	2.5	0
77	Single-Step Genomic Evaluations from Theory to Practice: Using SNP Chips and Sequence Data in BLUPF90. <i>Genes</i> , <b>2020</b> , 11,	4.2	33
76	Core-dependent changes in genomic predictions using the Algorithm for Proven and Young in single-step genomic best linear unbiased prediction. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	2
75	Applying the Metafounders Approach for Genomic Evaluation in a Multibreed Beef Cattle Population. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 556399	4.5	3
74	Performances of Adaptive MultiBLUP, Bayesian regressions, and weighted-GBLUP approaches for genomic predictions in Belgian Blue beef cattle. <i>BMC Genomics</i> , <b>2020</b> , 21, 545	4.5	2
73	Genome-wide scan for common variants associated with intramuscular fat and moisture content in rainbow trout. <i>BMC Genomics</i> , <b>2020</b> , 21, 529	4.5	3
72	Beef trait genetic parameters based on old and recent data and its implications for genomic predictions in Italian Simmental cattle. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	10

71	22 Accuracy of indirect predictions for large datasets based on prediction error covariance of SNP effects from single-step GBLUP. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 6-7	0.7	78
70	PSXII-37 Validation of single-step GBLUP genomic predictions from threshold models using the linear regression method: an application in chicken mortality. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 246-247	0.7	78
69	Heritability and response to selection for carcass weight and growth in the Delta Select strain of channel catfish, <i>Ictalurus punctatus</i> . <i>Aquaculture</i> , <b>2020</b> , 515, 734507	4.4	9
68	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> , <b>2019</b> , 102, 8159-8174	4	21
67	Single-step genome-wide association for longitudinal traits of Canadian Ayrshire, Holstein, and Jersey dairy cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9995-10011	4	18
66	Genomic predictions in purebreds with a multibreed genomic relationship matrix <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2019</b> , 97, 4418-4427	0.7	8
65	Application of single-step genomic evaluation using multiple-trait random regression test-day models in dairy cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 2365-2377	4	21
64	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> , <b>2019</b> , 136, 441-452	2.9	3
63	Genome-Wide Association Study Identifies Genomic Loci Affecting Filet Firmness and Protein Content in Rainbow Trout. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 386	4.5	10
62	Estimating the effect of the deleterious recessive haplotypes AH1 and AH2 on reproduction performance of Ayrshire cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 5315-5322	4	8
61	Crossbred evaluations using single-step genomic BLUP and algorithm for proven and young with different sources of data <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2019</b> , 97, 1513-1522	0.7	12
60	Whole-genome mapping of quantitative trait loci and accuracy of genomic predictions for resistance to columnaris disease in two rainbow trout breeding populations. <i>Genetics Selection Evolution</i> , <b>2019</b> , 51, 42	4.9	16
59	Use of a single-step approach for integrating foreign information into national genomic evaluation in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 8175-8183	4	5
58	Improving accuracy of direct and maternal genetic effects in genomic evaluations using pooled boar semen: a simulation study <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2019</b> , 97, 3237-3245	0.7	1
57	Frequentist p-values for large-scale-single step genome-wide association, with an application to birth weight in American Angus cattle. <i>Genetics Selection Evolution</i> , <b>2019</b> , 51, 28	4.9	39
56	Invited review: Advances and applications of random regression models: From quantitative genetics to genomics. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 7664-7683	4	18
55	Modeling honey yield, defensive and swarming behaviors of Italian honey bees ( <i>Apis mellifera ligustica</i> ) using linear-threshold approaches. <i>BMC Genetics</i> , <b>2019</b> , 20, 78	2.6	6
54	335 Genomic predictions with a multi-breed genomic relationship matrix. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 49-50	0.7	1

53	PSVIII-38 Genomic prediction for tick resistance in Angus cattle. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 263-263	0.7	78
52	211 Changes in genetic parameters of fitness and growth traits under genomic selection in pigs. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 41-41	0.7	78
51	332 Indirect predictions based on SNP effects from GBLUP with increasing number of genotyped animals. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 49-49	0.7	1
50	Controlling bias in genomic breeding values for young genotyped bulls. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9956-9970	4	22
49	209 Genomic selection for multiple maternal and growth traits in large white pigs using Single-Step GBLUP. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 42-42	0.7	78
48	Accuracy of genomic BLUP when considering a genomic relationship matrix based on the number of the largest eigenvalues: a simulation study. <i>Genetics Selection Evolution</i> , <b>2019</b> , 51, 75	4.9	7
47	Alternative SNP weighting for single-step genomic best linear unbiased predictor evaluation of stature in US Holsteins in the presence of selected sequence variants. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 10012-10019	4	18
46	334 Investigating core-dependent changes in predictions using the algorithm for proven and young in ssGBLUP. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 50-50	0.7	78
45	Variance and covariance estimates for resistance to bacterial cold water disease and columnaris disease in two rainbow trout breeding populations <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2019</b> , 97, 1124-1132	0.7	8
44	Genomic prediction of lactation curves for milk, fat, protein, and somatic cell score in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 452-463	4	12
43	Genetics and genomics of reproductive disorders in Canadian Holstein cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1341-1353	4	18
42	Bias in heritability estimates from genomic restricted maximum likelihood methods under different genotyping strategies. <i>Journal of Animal Breeding and Genetics</i> , <b>2019</b> , 136, 40-50	2.9	12
41	International bull evaluations by genomic BLUP with a prediction population. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 2330-2335	4	0
40	Reaction norm for yearling weight in beef cattle using single-step genomic evaluation. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 27-34	0.7	12
39	Relationships among mortality, performance, and disorder traits in broiler chickens: a genetic and genomic approach. <i>Poultry Science</i> , <b>2018</b> , 97, 1511-1518	3.9	3
38	Accurate genomic predictions for BCWD resistance in rainbow trout are achieved using low-density SNP panels: Evidence that long-range LD is a major contributing factor. <i>Journal of Animal Breeding and Genetics</i> , <b>2018</b> , 135, 263	2.9	47
37	Impact of embryo transfer phenotypic records on large-scale beef cattle genetic evaluations. <i>Revista Brasileira De Zootecnia</i> , <b>2018</b> , 47,	1.2	1
36	Development of genomic predictions for harvest and carcass weight in channel catfish. <i>Genetics Selection Evolution</i> , <b>2018</b> , 50, 66	4.9	35

35	Genome-Wide Association Analysis With a 50K Transcribed Gene SNP-Chip Identifies QTL Affecting Muscle Yield in Rainbow Trout. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 387	4.5	19
34	Comparison of genomic predictions for lowly heritable traits using multi-step and single-step genomic best linear unbiased predictor in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8076-8086 <sup>4</sup>		16
33	Technical note: Avoiding the direct inversion of the numerator relationship matrix for genotyped animals in single-step genomic best linear unbiased prediction solved with the preconditioned conjugate gradient. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 49-52	0.7	5
32	Selection of core animals in the Algorithm for Proven and Young using a simulation model. <i>Journal of Animal Breeding and Genetics</i> , <b>2017</b> , 134, 545-552	2.9	11
31	Genomic analysis of cow mortality and milk production using a threshold-linear model. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7295-7305	4	9
30	184 Impact of SNP selection on genomic prediction for different reference population sizes. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 91-91	0.7	
29	Implications of SNP weighting on single-step genomic predictions for different reference population sizes. <i>Journal of Animal Breeding and Genetics</i> , <b>2017</b> , 134, 463-471	2.9	23
28	Accuracy of breeding values in small genotyped populations using different sources of external information-A simulation study. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 395-401	4	15
27	Incorporation of causative quantitative trait nucleotides in single-step GBLUP. <i>Genetics Selection Evolution</i> , <b>2017</b> , 49, 59	4.9	38
26	Technical note: Impact of pedigree depth on convergence of single-step genomic BLUP in a purebred swine population. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 3391-3395	0.7	4
25	209 Prospecting genomic regions associated with columnaris disease in two rainbow trout breeding populations. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 103-104	0.7	
24	Application of single step genomic BLUP under different uncertain paternity scenarios using simulated data. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181752	3.7	10
23	Dimensionality of genomic information and performance of the Algorithm for Proven and Young for different livestock species. <i>Genetics Selection Evolution</i> , <b>2016</b> , 48, 82	4.9	29
22	Crossbred evaluations in single-step genomic best linear unbiased predictor using adjusted realized relationship matrices. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 909-19	0.7	27
21	Implementation of genomic recursions in single-step genomic best linear unbiased predictor for US Holsteins with a large number of genotyped animals. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1968-1974	4	42
20	The Dimensionality of Genomic Information and Its Effect on Genomic Prediction. <i>Genetics</i> , <b>2016</b> , 203, 573-81	4	42
19	0303 Issues in commercial application of single-step genomic BLUP for genetic evaluation in American Angus. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 144-145	0.7	1
18	DESEMPENHO PRODUTIVO DE VACAS GIROLANDO ESTIMADO PELO MODELO DE WOOD AJUSTADO POR METODOLOGIA BAYESIANA. <i>Archives of Veterinary Science</i> , <b>2016</b> , 21,	0.7	4

17	Modeling response to heat stress in pigs from nucleus and commercial farms in different locations in the United States. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 4789-4798	0.7	10
16	Sexual dimorphism in livestock species selected for economically important traits. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 3684-3692	0.7	16
15	Using single-step genomic best linear unbiased predictor to enhance the mitigation of seasonal losses due to heat stress in pigs. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 5004-5013	0.7	15
14	Weighting Strategies for Single-Step Genomic BLUP: An Iterative Approach for Accurate Calculation of GEBV and GWAS. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 151	4.5	80
13	Regional and seasonal analyses of weights in growing Angus cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 4369-4375	0.7	3
12	Accuracies of genomic prediction of feed efficiency traits using different prediction and validation methods in an experimental Nelore cattle population. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 3613-3623	0.7	31
11	Genetic evaluations for growth heat tolerance in Angus cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 4143-4150	0.7	19
10	Accuracy of estimated breeding values with genomic information on males, females, or both: an example on broiler chicken. <i>Genetics Selection Evolution</i> , <b>2015</b> , 47, 56	4.9	52
9	Hot topic: Use of genomic recursions in single-step genomic best linear unbiased predictor (BLUP) with a large number of genotypes. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 4090-4	4	39
8	Use of genomic recursions and algorithm for proven and young animals for single-step genomic BLUP analyses--a simulation study. <i>Journal of Animal Breeding and Genetics</i> , <b>2015</b> , 132, 340-5	2.9	6
7	Genetic evaluation using single-step genomic best linear unbiased predictor in American Angus. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 2653-62	0.7	94
6	Are evaluations on young genotyped animals benefiting from the past generations?. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 3930-42	4	37
5	Methods for genomic evaluation of a relatively small genotyped dairy population and effect of genotyped cow information in multiparity analyses. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 1742-52	4	44
4	Prediction accuracy for a simulated maternally affected trait of beef cattle using different genomic evaluation models. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 4090-8	0.7	12
3	Genomic Predictions for Muscle Yield and Fillet Firmness in Rainbow Trout using Reduced-Density SNP Panels		2
2	Genome-wide association analysis with a 50K transcribed gene SNP-chip identifies QTL affecting muscle yield in rainbow trout		1
1	Exact p-values for large-scale single step genome-wide association, with an application for birth weight in American Angus		2