

Noelia Ibanez-Escriche

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,595
citations

331538

21
h-index

345118

36
g-index

77
all docs

77
docs citations

77
times ranked

1524
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive and Dominance Genomic Analysis for Litter Size in Purebred and Crossbred Iberian Pigs. <i>Genes</i> , 2022, 13, 12.	1.0	8
2	Comparative Transcriptome Profile between Iberian Pig Varieties Provides New Insights into Their Distinct Fat Deposition and Fatty Acids Content. <i>Animals</i> , 2021, 11, 627.	1.0	7
3	Genomic Prediction Using Alternative Strategies of Weighted Single-Step Genomic BLUP for Yearling Weight and Carcass Traits in Hanwoo Beef Cattle. <i>Genes</i> , 2021, 12, 266.	1.0	14
4	Genotype Imputation to Improve the Cost-Efficiency of Genomic Selection in Rabbits. <i>Animals</i> , 2021, 11, 803.	1.0	8
5	Analysis of reproductive seasonality in Entrepelado and Retinto Iberian pig varieties under intensive management. <i>Livestock Science</i> , 2021, 245, 104441.	0.6	0
6	Genetic parameters and correlations of related feed efficiency, growth, and carcass traits in Hanwoo beef cattle. <i>Animal Bioscience</i> , 2021, 34, 824-832.	0.8	8
7	Multi-Trait Single-Step GBLUP Improves Accuracy of Genomic Prediction for Carcass Traits Using Yearling Weight and Ultrasound Traits in Hanwoo. <i>Frontiers in Genetics</i> , 2021, 12, 692356.	1.1	7
8	Selection for environmental variance of litter size in rabbits involves genes in pathways controlling animal resilience. <i>Genetics Selection Evolution</i> , 2021, 53, 59.	1.2	8
9	Effect of the genetic line and oleic acid-enriched mixed diets on the subcutaneous fatty acid composition and sensory characteristics of dry-cured shoulders from Iberian pig. <i>Meat Science</i> , 2020, 159, 107933.	2.7	11
10	Genomic regions influencing intramuscular fat in divergently selected rabbit lines. <i>Animal Genetics</i> , 2020, 51, 58-69.	0.6	21
11	A genomewide association study in divergently selected lines in rabbits reveals novel genomic regions associated with litter size traits. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 123-138.	0.8	12
12	Maternal Transmission Ratio Distortion in Two Iberian Pig Varieties. <i>Genes</i> , 2020, 11, 1050.	1.0	3
13	A cross-specific multiplicative binomial recursive model for the analysis of perinatal mortality in a diallel cross among three varieties of Iberian pig. <i>Scientific Reports</i> , 2020, 10, 21190.	1.6	3
14	Identification of functional mutations associated with environmental variance of litter size in rabbits. <i>Genetics Selection Evolution</i> , 2020, 52, 22.	1.2	11
15	The effect of divergent selection for intramuscular fat on the domestic rabbit genome. <i>Animal</i> , 2020, 14, 2225-2235.	1.3	11
16	Genomic differentiation among varieties of Iberian pig. <i>Spanish Journal of Agricultural Research</i> , 2020, 18, e0401.	0.3	6
17	Comparison of conventional BLUP and single-step genomic BLUP evaluations for yearling weight and carcass traits in Hanwoo beef cattle using single trait and multi-trait models. <i>PLoS ONE</i> , 2019, 14, e0223352.	1.1	24
18	Genetic parameters and direct, maternal and heterosis effects on litter size in a diallel cross among three commercial varieties of Iberian pig. <i>Animal</i> , 2019, 13, 2765-2772.	1.3	15

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19	Inbreeding depression load for litter size in Entrepelado and Retinto Iberian pig varieties1. Journal of Animal Science, 2019, 97, 1979-1986.	0.2	11
20	Five genomic regions have a major impact on fat composition in Iberian pigs. Scientific Reports, 2019, 9, 2031.	1.6	24
21	Breeding for robustness: investigating the genotypeâ€œbyâ€œenvironment interaction and microâ€œenvironmental sensitivity of Genetically Improved Farmed Tilapia (<i>Oreochromis Tj ETQq1 1 0.784314 rg37 /Overlook 10 T	0.7	10
22	Efecto de la lÃnea genÃ©tica y de dietas enriquecidas en Ã¡cido oleico sobre los parÃ¡metros productivos del cerdo IbÃ©rico. Archivos De Zootecnia, 2018, 67, 41-43.	0.2	0
23	Efecto de la genÃ©tica y de la dieta sobre el lomo fresco del cerdo IbÃ©rico (m. Longissimus dorsi). Archivos De Zootecnia, 2018, 67, 185-187.	0.2	2
24	Deciphering the regulation of porcine genes influencing growth, fatness and yield-related traits through genetical genomics. Mammalian Genome, 2017, 28, 130-142.	1.0	4
25	Bayesian analysis of pig growth curves combining pedigree and genomic information. Livestock Science, 2017, 201, 34-40.	0.6	7
26	Predictive performance of genomic selection methods for carcass traits in Hanwoo beef cattle: impacts of the genetic architecture. Genetics Selection Evolution, 2017, 49, 1.	1.2	89
27	Selection for environmental variance of litter size in rabbits. Genetics Selection Evolution, 2017, 49, 48.	1.2	46
28	Using <sc>RNA</sc>â€œSeq <sc>SNP</sc> data to reveal potential causal mutations related to pig production traits and <sc>RNA</sc> editing. Animal Genetics, 2017, 48, 151-165.	0.6	22
29	Modulating birth weight heritability in mice1. Journal of Animal Science, 2017, 95, 531-537.	0.2	16
30	Modulating birth weight heritability in mice. Journal of Animal Science, 2017, 95, 531.	0.2	13
31	From the Editors: Animal breeding in the genomics era. Animal Frontiers, 2016, 6, 4-5.	0.8	10
32	Genome-Wide Association Study Singles Out SCD and LEPR as the Two Main Loci Influencing Intramuscular Fat Content and Fatty Acid Composition in Duroc Pigs. PLoS ONE, 2016, 11, e0152496.	1.1	83
33	Correlated genetic trends for production and welfare traits in a mouse population divergently selected for birth weight environmental variability. Animal, 2016, 10, 1770-1777.	1.3	19
34	Genetic parameters and crossbreeding effects of fat deposition and fatty acid profiles in Iberian pig lines1. Journal of Animal Science, 2016, 94, 28-37.	0.2	47
35	Genetic control of the environmental variance for birth weight in seven generations of a divergent selection experiment in mice. Journal of Animal Breeding and Genetics, 2016, 133, 227-237.	0.8	30
36	New insight into the SSC8 genetic determination of fatty acid composition in pigs. Genetics Selection Evolution, 2014, 46, 28.	1.2	16

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37	Crossbreeding effects on pig growth and carcass traits from two Iberian strains. <i>Animal</i> , 2014, 8, 1569-1576.	1.3	7
38	Next generation modeling in GWAS: comparing different genetic architectures. <i>Human Genetics</i> , 2014, 133, 1235-1253.	1.8	17
39	Genomic information in pig breeding: Science meets industry needs. <i>Livestock Science</i> , 2014, 166, 94-100.	0.6	29
40	Genome-wide analysis of porcine backfat and intramuscular fat fatty acid composition using high-density genotyping and expression data. <i>BMC Genomics</i> , 2013, 14, 845.	1.2	46
41	Transcriptional analysis of intramuscular fatty acid composition in the longissimus thoracis muscle of Iberian and Landrace backcrossed pigs. <i>Animal Genetics</i> , 2013, 44, 648-660.	0.6	19
42	Genetic parameters for birthweight environmental variability in mice. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 404-414.	0.8	14
43	Variability-specific differential gene expression across reproductive stages in sows. <i>Animal</i> , 2013, 7, 378-385.	1.3	1
44	Canalization analysis of birth weight in Bruna dels Pirineus beef cattle. <i>Journal of Animal Science</i> , 2013, 91, 3070-3078.	0.2	5
45	Bayesian recursive mixed linear model for gene expression analyses with continuous covariates. <i>Journal of Animal Science</i> , 2012, 90, 67-75.	0.2	0
46	Correlated genetic trend in the environmental variability of weight traits in mice. <i>Livestock Science</i> , 2012, 148, 189-195.	0.6	9
47	Genome-wide linkage analysis of QTL for growth and body composition employing the PorcineSNP60 BeadChip. <i>BMC Genetics</i> , 2012, 13, 41.	2.7	28
48	Liver transcriptome profile in pigs with extreme phenotypes of intramuscular fatty acid composition. <i>BMC Genomics</i> , 2012, 13, 547.	1.2	118
49	Genome-wide association study for intramuscular fatty acid composition in an Iberian Landrace cross. <i>Journal of Animal Science</i> , 2012, 90, 2883-2893.	0.2	63
50	Early postmortem gene expression and its relationship to composition and quality traits in pig Longissimus dorsi muscle. <i>Journal of Animal Science</i> , 2012, 90, 3325-3336.	0.2	4
51	Study of using marker assisted selection on a beef cattle breeding program by model comparison. <i>Livestock Science</i> , 2012, 147, 40-48.	0.6	5
52	Evaluation of the porcine ACSL4 gene as a candidate gene for meat quality traits in pigs. <i>Animal Genetics</i> , 2012, 43, 714-720.	0.6	18
53	Modifying growth curve parameters by multitrait genomic selection. <i>Journal of Animal Science</i> , 2011, 89, 661-668.	0.2	25
54	Restricting inbreeding while maintaining selection response for weight gain in <i>Mus musculus</i> . <i>Journal of Animal Breeding and Genetics</i> , 2011, 128, 276-283.	0.8	5

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55	Genetic evaluation combining purebred and crossbred data in a pig breeding scheme ¹ . <i>Journal of Animal Science</i> , 2011, 89, 3881-3889.	0.2	13
56	Review. Promises, pitfalls and challenges of genomic selection in breeding programs. <i>Spanish Journal of Agricultural Research</i> , 2011, 9, 404.	0.3	26
57	GSEVM v.2: MCMC software to analyze genetically structured environmental variance models. <i>Journal of Animal Breeding and Genetics</i> , 2010, 127, 249-251.	0.8	22
58	An application of change-point recursive models to the relationship between litter size and number of stillborns in pigs ¹ . <i>Journal of Animal Science</i> , 2010, 88, 3493-3503.	0.2	10
59	Bayesian threshold analysis of direct and maternal genetic parameters for piglet mortality at farrowing in Large White, Landrace, and Pietrain populations ¹ . <i>Journal of Animal Science</i> , 2009, 87, 80-87.	0.2	23
60	Genomic selection of purebreds for crossbred performance. <i>Genetics Selection Evolution</i> , 2009, 41, 12.	1.2	158
61	geamm v.1.4: a versatile program for mixed model analysis of gene expression data. <i>Animal Genetics</i> , 2008, 39, 89-90.	0.6	10
62	Genetic parameters related to environmental variability of weight traits in a selection experiment for weight gain in mice; signs of correlated canalised response. <i>Genetics Selection Evolution</i> , 2008, 40, 279-293.	1.2	14
63	Bayes factor between Student t and Gaussian mixed models within an animal breeding context. <i>Genetics Selection Evolution</i> , 2008, 40, 395.	1.2	2
64	Skew distribution of founder-specific inbreeding depression effects on the longevity of Landrace sows. <i>Genetical Research</i> , 2008, 90, 499-508.	0.3	15
65	Genetic parameters related to environmental variability of weight traits in a selection experiment for weight gain in mice; signs of correlated canalised response. <i>Genetics Selection Evolution</i> , 2008, 40, 279-293.	1.2	30
66	Selection for Environmental Variation: A Statistical Analysis and Power Calculations to Detect Response. <i>Genetics</i> , 2008, 180, 2209-2226.	1.2	40
67	Bayesian analysis of quantitative traits using skewed distributions. <i>Genetical Research</i> , 2008, 90, 179-190.	0.3	11
68	A study of heterogeneity of environmental variance for slaughter weight in pigs. <i>Animal</i> , 2008, 2, 19-26.	1.3	49
69	A comparison of strategies for Markov chain Monte Carlo computation in quantitative genetics. <i>Genetics Selection Evolution</i> , 2008, 40, 161-176.	1.2	16
70	Genetically controlled environmental variance for sternopleural bristles in <i>Drosophila melanogaster</i> – an experimental test of a heterogeneous variance model. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2007, 57, 196-201.	0.2	3
71	Individual efficiency for the use of feed resources in rabbits ¹ . <i>Journal of Animal Science</i> , 2007, 85, 2846-2853.	0.2	11
72	Selection for ovulation rate in rabbits. <i>Livestock Science</i> , 2006, 101, 126-133.	0.6	4

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73	Genetic parameters of growth and in vivo computerized tomography based carcass traits in Pannon White rabbits. <i>Livestock Science</i> , 2006, 104, 46-52.	0.6	18
74	Genetic parameters for canalisation analysis of litter size and litter weight traits at birth in mice. <i>Genetics Selection Evolution</i> , 2006, 38, 445-62.	1.2	60
75	A Bayesian approach to the effect of selection for growth rate on sensory meat quality of rabbit. <i>Meat Science</i> , 2005, 69, 123-127.	2.7	16