

Noelia Ibanez-Escriche

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,595
citations

331259

21
h-index

344852

36
g-index

77
all docs

77
docs citations

77
times ranked

1524
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic selection of purebreds for crossbred performance. <i>Genetics Selection Evolution</i> , 2009, 41, 12.	1.2	158
2	Liver transcriptome profile in pigs with extreme phenotypes of intramuscular fatty acid composition. <i>BMC Genomics</i> , 2012, 13, 547.	1.2	118
3	Predictive performance of genomic selection methods for carcass traits in Hanwoo beef cattle: impacts of the genetic architecture. <i>Genetics Selection Evolution</i> , 2017, 49, 1.	1.2	89
4	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. <i>PLoS ONE</i> , 2016, 11, e0152496.	1.1	83
5	Genome-wide association study for intramuscular fatty acid composition in an Iberian $\tilde{\text{A}}$ – Landrace cross1. <i>Journal of Animal Science</i> , 2012, 90, 2883-2893.	0.2	63
6	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
7	A study of heterogeneity of environmental variance for slaughter weight in pigs. <i>Animal</i> , 2008, 2, 19-26.	1.3	49
8	Genetic parameters and crossbreeding effects of fat deposition and fatty acid profiles in Iberian pig lines1. <i>Journal of Animal Science</i> , 2016, 94, 28-37.	0.2	47
9	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
10	Selection for environmental variance of litter size in rabbits. <i>Genetics Selection Evolution</i> , 2017, 49, 48.	1.2	46
11	Selection for Environmental Variation: A Statistical Analysis and Power Calculations to Detect Response. <i>Genetics</i> , 2008, 180, 2209-2226.	1.2	40
12	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
13	Genetic control of the environmental variance for birth weight in seven generations of a divergent selection experiment in mice. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 227-237.	0.8	30
14	Genomic information in pig breeding: Science meets industry needs. <i>Livestock Science</i> , 2014, 166, 94-100.	0.6	29
15	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
16	Review. Promises, pitfalls and challenges of genomic selection in breeding programs. <i>Spanish Journal of Agricultural Research</i> , 2011, 9, 404.	0.3	26
17	Modifying growth curve parameters by multitrait genomic selection1. <i>Journal of Animal Science</i> , 2011, 89, 661-668.	0.2	25
18	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

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19	Five genomic regions have a major impact on fat composition in Iberian pigs. <i>Scientific Reports</i> , 2019, 9, 2031.	1.6	24
20	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
21	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
22	Using <i>RNA-seq</i> <i>SNP</i> data to reveal potential causal mutations related to pig production traits and <i>RNA</i> editing. <i>Animal Genetics</i> , 2017, 48, 151-165.	0.6	22
23	Genomic regions influencing intramuscular fat in divergently selected rabbit lines. <i>Animal Genetics</i> , 2020, 51, 58-69.	0.6	21
24	Transcriptional analysis of intramuscular fatty acid composition in the longissimus thoracis muscle of <i>Iberian</i> – <i>Landrace</i> backcrossed pigs. <i>Animal Genetics</i> , 2013, 44, 648-660.	0.6	19
25	Correlated genetic trends for production and welfare traits in a mouse population divergently selected for birth weight environmental variability. <i>Animal</i> , 2016, 10, 1770-1777.	1.3	19
26	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
27	Evaluation of the porcine <i>ACSL4</i> gene as a candidate gene for meat quality traits in pigs. <i>Animal Genetics</i> , 2012, 43, 714-720.	0.6	18
28	Next generation modeling in GWAS: comparing different genetic architectures. <i>Human Genetics</i> , 2014, 133, 1235-1253.	1.8	17
29	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
30	New insight into the SSC8 genetic determination of fatty acid composition in pigs. <i>Genetics Selection Evolution</i> , 2014, 46, 28.	1.2	16
31	Modulating birth weight heritability in mice ¹ . <i>Journal of Animal Science</i> , 2017, 95, 531-537.	0.2	16
32	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
33	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
34	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
35	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, 279-93.	1.2	14
36	Genetic parameters for birthweight environmental variability in mice. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 404-414.	0.8	14

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37	Breeding for robustness: investigating the genotype×environment interaction and microenvironmental sensitivity of Genetically Improved Farmed Tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgrB /Overlook 10 T 5	0.784314	10
38	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
39	Genetic evaluation combining purebred and crossbred data in a pig breeding scheme1. <i>Journal of Animal Science</i> , 2011, 89, 3881-3889.	0.2	13
40	Modulating birth weight heritability in mice. <i>Journal of Animal Science</i> , 2017, 95, 531.	0.2	13
41	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
42	Individual efficiency for the use of feed resources in rabbits1. <i>Journal of Animal Science</i> , 2007, 85, 2846-2853.	0.2	11
43	Bayesian analysis of quantitative traits using skewed distributions. <i>Genetical Research</i> , 2008, 90, 179-190.	0.3	11
44	Inbreeding depression load for litter size in Entrepelado and Retinto Iberian pig varieties1. <i>Journal of Animal Science</i> , 2019, 97, 1979-1986.	0.2	11
45	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
46	Identification of functional mutations associated with environmental variance of litter size in rabbits. <i>Genetics Selection Evolution</i> , 2020, 52, 22.	1.2	11
47	The effect of divergent selection for intramuscular fat on the domestic rabbit genome. <i>Animal</i> , 2020, 14, 2225-2235.	1.3	11
48	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
49	An application of change-point recursive models to the relationship between litter size and number of stillborns in pigs1. <i>Journal of Animal Science</i> , 2010, 88, 3493-3503.	0.2	10
50	From the Editors: Animal breeding in the genomics era. <i>Animal Frontiers</i> , 2016, 6, 4-5.	0.8	10
51	Correlated genetic trend in the environmental variability of weight traits in mice. <i>Livestock Science</i> , 2012, 148, 189-195.	0.6	9
52	Genotype Imputation to Improve the Cost-Efficiency of Genomic Selection in Rabbits. <i>Animals</i> , 2021, 11, 803.	1.0	8
53	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
54	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

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55	Additive and Dominance Genomic Analysis for Litter Size in Purebred and Crossbred Iberian Pigs. <i>Genes</i> , 2022, 13, 12.	1.0	8
56	Crossbreeding effects on pig growth and carcass traits from two Iberian strains. <i>Animal</i> , 2014, 8, 1569-1576.	1.3	7
57	Bayesian analysis of pig growth curves combining pedigree and genomic information. <i>Livestock Science</i> , 2017, 201, 34-40.	0.6	7
58	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
59	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
60	Genomic differentiation among varieties of Iberian pig. <i>Spanish Journal of Agricultural Research</i> , 2020, 18, e0401.	0.3	6
61	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
62	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
63	Canalization analysis of birth weight in Bruna dels Pirineus beef cattle1. <i>Journal of Animal Science</i> , 2013, 91, 3070-3078.	0.2	5
64	Selection for ovulation rate in rabbits. <i>Livestock Science</i> , 2006, 101, 126-133.	0.6	4
65	Early postmortem gene expression and its relationship to composition and quality traits in pig <i>Longissimus dorsi</i> muscle1. <i>Journal of Animal Science</i> , 2012, 90, 3325-3336.	0.2	4
66	Deciphering the regulation of porcine genes influencing growth, fatness and yield-related traits through genetical genomics. <i>Mammalian Genome</i> , 2017, 28, 130-142.	1.0	4
67	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
68	Maternal Transmission Ratio Distortion in Two Iberian Pig Varieties. <i>Genes</i> , 2020, 11, 1050.	1.0	3
69	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
70	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
71	Efecto de la genética y de la dieta sobre el lomo fresco del cerdo Ibérico (m. <i>Longissimus dorsi</i>). <i>Archivos De Zootecnia</i> , 2018, 67, 185-187.	0.2	2
72	Variability-specific differential gene expression across reproductive stages in sows. <i>Animal</i> , 2013, 7, 378-385.	1.3	1

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73	Bayesian recursive mixed linear model for gene expression analyses with continuous covariates1. Journal of Animal Science, 2012, 90, 67-75.	0.2	0
74	Analysis of reproductive seasonality in Entrepelado and Retinto Iberian pig varieties under intensive management. Livestock Science, 2021, 245, 104441.	0.6	0
75	Efecto de la línea genética y de dietas enriquecidas en ácido oleico sobre los parámetros productivos del cerdo Ibérico. Archivos De Zootecnia, 2018, 67, 41-43.	0.2	0