

Jesus Piedrafita

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,538
citations

279701

23
h-index

345118

36
g-index

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all docs

76
docs citations

76
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of body weight on uniformity, livability, and skeletal development and strength of broiler breeder females. <i>Journal of Applied Animal Research</i> , 2020, 48, 320-325.	0.4	0
2	Effect of fibrous diet and vitamin C inclusion on uniformity, carcass traits, skeletal strength, and behavior of broiler breeder pullets. <i>Poultry Science</i> , 2020, 99, 2633-2644.	1.5	6
3	Mapping Recombination Rate on the Autosomal Chromosomes Based on the Persistency of Linkage Disequilibrium Phase Among Autochthonous Beef Cattle Populations in Spain. <i>Frontiers in Genetics</i> , 2019, 10, 1170.	1.1	8
4	Evaluation of the potential use of a meta-population for genomic selection in autochthonous beef cattle populations. <i>Animal</i> , 2018, 12, 1350-1357.	1.3	2
5	Effects of breedâ€production system on collagen, textural, and sensory traits of 10 European beef cattle breeds. <i>Journal of Texture Studies</i> , 2018, 49, 528-535.	1.1	13
6	On the haplotype diversity along the genome in Spanish beef cattle populations. <i>Livestock Science</i> , 2017, 201, 30-33.	0.6	7
7	Fine mapping by composite genome-wide association analysis. <i>Genetical Research</i> , 2017, 99, e4.	0.3	0
8	Genomic differentiation between Asturiana de los Valles, AvileÃ±a-Negra IbÃ©rica, Bruna dels Pirineus, Morucha, Pirenaica, Retinta and Rubia Gallega cattle breeds. <i>Animal</i> , 2017, 11, 1667-1679.	1.3	8
9	Validation of a Bayesian approach for maternity identification in abandoned lambs. <i>Italian Journal of Animal Science</i> , 2017, 16, 405-411.	0.8	0
10	Bayesian analysis of parent-specific transmission ratio distortion in seven Spanish beef cattle breeds. <i>Animal Genetics</i> , 2017, 48, 93-96.	0.6	42
11	Detecci3n de regiones gen3micas con elevado desequilibrio de ligamiento en poblaciones de vacuno de carne espaÃ±olas con an3lisis de BovineHD BeadChip. <i>Archivos De Zootecnia</i> , 2017, 66, 59-65.	0.2	0
12	Linkage disequilibrium, persistence of phase, and effective population size in Spanish local beef cattle breeds assessed through a high-density single nucleotide polymorphism chip1. <i>Journal of Animal Science</i> , 2016, 94, 2779-2788.	0.2	13
13	On the performance of tests for the detection of signatures of selection: a case study with the Spanish autochthonous beef cattle populations. <i>Genetics Selection Evolution</i> , 2016, 48, 81.	1.2	24
14	Genetic diversity and divergence among Spanish beef cattle breeds assessed by a bovine high-density SNP chip1. <i>Journal of Animal Science</i> , 2015, 93, 5164-5174.	0.2	40
15	Accuracy and expected genetic gain under genetic or genomic evaluation in sheep flocks with different amounts of pedigree, genomic and phenotypic data. <i>Livestock Science</i> , 2015, 182, 58-63.	0.6	9
16	Monitoring changes in the demographic and genealogical structure of the main Spanish local beef breeds1. <i>Journal of Animal Science</i> , 2014, 92, 4364-4374.	0.2	23
17	Canalization analysis of birth weight in Bruna dels Pirineus beef cattle1. <i>Journal of Animal Science</i> , 2013, 91, 3070-3078.	0.2	5
18	Sources of sire-specific genetic variance for birth and weaning weight in Bruna dels Pirineus beef calves. <i>Animal</i> , 2012, 6, 1931-1938.	1.3	2

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19	Proteomic analysis reveals oxidative stress response as the main adaptative physiological mechanism in cows under different production systems. <i>Journal of Proteomics</i> , 2012, 75, 4399-4411.	1.2	34
20	Backfat thickness and longissimus dorsi real-time ultrasound measurements in light lambs1. <i>Journal of Animal Science</i> , 2012, 90, 5047-5055.	0.2	9
21	Foraging Behavior of Alberes Cattle in a Mediterranean Forest Ecosystem. <i>Rangeland Ecology and Management</i> , 2011, 64, 319-324.	1.1	17
22	Short Communication: Estimating abundance, survival and age structure of the Alberes cattle using recapture techniques. <i>Canadian Journal of Animal Science</i> , 2011, 91, 343-347.	0.7	0
23	Carcass conformation and fat cover scores in beef cattle: A comparison of threshold linear models vs grouped data models. <i>Genetics Selection Evolution</i> , 2011, 43, 16.	1.2	3
24	Morphological analysis and subpopulation characterization of Ripollesa sheep breed. <i>Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales</i> , 2011, 49, 9-17.	0.2	22
25	Estructura y relaciones genéticas de la raza bovina Serrana de Teruel con razas explotadas en España. <i>Archivos De Zootecnia</i> , 2011, 60, 369-372.	0.2	1
26	Connectedness among herds of beef cattle bred under natural service. <i>Genetics Selection Evolution</i> , 2010, 42, 6.	1.2	7
27	Accounting for additive genetic mutations on litter size in Ripollesa sheep1. <i>Journal of Animal Science</i> , 2010, 88, 1248-1255.	0.2	7
28	Parametric bootstrap for testing model fitting of threshold and grouped data models: An application to the analysis of calving ease of Bruna dels Pirineus beef cattle1. <i>Journal of Animal Science</i> , 2010, 88, 2920-2931.	0.2	8
29	Analysis of founder-specific inbreeding depression on birth weight in Ripollesa lambs1. <i>Journal of Animal Science</i> , 2009, 87, 72-79.	0.2	61
30	Using haplotype probabilities in categorical survival analysis: a case study with three candidate genes in an Iberian x Meishan F ₂ population of newborn piglets. <i>Journal of Animal Breeding and Genetics</i> , 2008, 125, 5-12.	0.8	2
31	Evaluation of serum cortisol, metabolic parameters, acute phase proteins and faecal corticosterone as indicators of stress in cows. <i>Veterinary Journal</i> , 2008, 177, 439-441.	0.6	48
32	Eating quality of young bulls from three Spanish beef breed-production systems and its relationships with chemical and instrumental meat quality. <i>Meat Science</i> , 2008, 79, 98-104.	2.7	62
33	Characterisation and conservation programme of the Alberes cattle breed in Catalonia (Spain). <i>Animal Genetic Resources Information</i> , 2008, 43, 1-14.	0.3	1
34	Genetic determinism for within-litter birth weight variation and its relationship with litter weight and litter size in the Ripollesa ewe breed. <i>Animal</i> , 2007, 1, 637-644.	1.3	10
35	Survival analysis from birth to slaughter of Ripollesa lambs under semi-intensive management1. <i>Journal of Animal Science</i> , 2007, 85, 512-517.	0.2	33
36	Analysis of litter size and days to lambing in the Ripollesa ewe. II. Estimation of variance components and response to phenotypic selection on litter size1. <i>Journal of Animal Science</i> , 2007, 85, 625-631.	0.2	9

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37	Association analyses between the prion protein locus and reproductive and lamb weight traits in Ripollesa sheep1. <i>Journal of Animal Science</i> , 2007, 85, 592-597.	0.2	24
38	Analysis of litter size and days to lambing in the Ripollesa ewe. I. Comparison of models with linear and threshold approaches1. <i>Journal of Animal Science</i> , 2007, 85, 618-624.	0.2	14
39	Bayes factor for testing between different structures of random genetic groups: A case study using weaning weight in Bruna dels Pirineus beef cattle. <i>Genetics Selection Evolution</i> , 2007, 39, 39.	1.2	8
40	Bayes factor for testing between different structures of random genetic groups: A case study using weaning weight in Bruna dels Pirineus beef cattle. <i>Genetics Selection Evolution</i> , 2007, 39, 39-53.	1.2	1
41	Structural characterisation and typology of beef cattle farms of Spanish wooded rangelands (dehesas). <i>Livestock Science</i> , 2006, 99, 197-209.	0.6	58
42	Factors affecting longevity in maternal Duroc swine lines. <i>Livestock Science</i> , 2006, 100, 121-131.	0.6	47
43	Parametric bootstrap for testing model fitting in the proportional hazards framework: An application to the survival analysis of Bruna dels Pirineus beef calves1. <i>Journal of Animal Science</i> , 2006, 84, 2609-2616.	0.2	13
44	Analysis of temperament development during the fattening period in the semi-feral bovine calves of the Alberes Massif. <i>Animal Research</i> , 2006, 55, 389-395.	0.6	6
45	Bayes factor for testing the genetic background of quantitative threshold traits. <i>Journal of Animal Breeding and Genetics</i> , 2006, 123, 301-306.	0.8	7
46	Validation of an approximate approach to compute genetic correlations between longevity and linear traits. <i>Genetics Selection Evolution</i> , 2006, 38, 65.	1.2	23
47	Effect of medium- and long-chain triglyceride supplementation on small newborn-pig survival. <i>Preventive Veterinary Medicine</i> , 2005, 67, 213-221.	0.7	13
48	Bayes factor analysis for the genetic background of physiological and vitality variables of F2 Iberian $\tilde{\text{A}}$ -Meishan newborn piglets1. <i>Journal of Animal Science</i> , 2005, 83, 334-339.	0.2	8
49	Genetic and environmental factors influencing mortality up to weaning of Bruna dels Pirineus beef calves in mountain areas. A survival analysis1. <i>Journal of Animal Science</i> , 2005, 83, 543-551.	0.2	41
50	Factors influencing length of productive life and replacement rates in the Bruna dels Pirineus beef breed. <i>Animal Science</i> , 2004, 78, 13-22.	1.3	11
51	Viability of Iberian $\tilde{\text{A}}$ -Meishan F2 newborn pigs. I. Analysis of physiological and vitality variables1. <i>Journal of Animal Science</i> , 2004, 82, 1919-1924.	0.2	18
52	Viability of Iberian $\tilde{\text{A}}$ -Meishan F2 newborn pigs. II. Survival analysis up to weaning1. <i>Journal of Animal Science</i> , 2004, 82, 1925-1930.	0.2	26
53	Genetic diversity measures of the bovine Alberes breed using microsatellites: variability among herds and types of coat colour*. <i>Journal of Animal Breeding and Genetics</i> , 2004, 121, 101-110.	0.8	16
54	Effect of muscular hypertrophy on physico-chemical, biochemical and texture traits of meat from yearling bulls. <i>Meat Science</i> , 2004, 68, 567-575.	2.7	42

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55	Characterisation of young bulls of the Bruna dels Pirineus cattle breed (selected from old Brown) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	52
56	Carcass quality of 10 beef cattle breeds of the Southwest of Europe in their typical production systems. <i>Livestock Science</i> , 2003, 82, 1-13.	1.2	89
57	Pedigree analysis of eight Spanish beef cattle breeds. <i>Genetics Selection Evolution</i> , 2003, 35, 43-63.	1.2	153
58	Correction factors for weight productive traits up to weaning in the Bruna dels Pirineus beef cattle breed. <i>Animal Research</i> , 2002, 51, 43-50.	0.6	6
59	Fatty acid profiles in three stress genotypes of swine and relationships with performance, carcass and meat quality traits. <i>Meat Science</i> , 2001, 57, 71-77.	2.7	45
60	The effect of breed-production systems on the myosin heavy chain 1, the biochemical characteristics and the colour variables of <i>Longissimus thoracis</i> from seven Spanish beef cattle breeds. <i>Meat Science</i> , 2001, 58, 181-188.	2.7	67
61	Variation in gestation length as breeding season advances in Bruna dels Pirineus beef cattle breed. <i>Animal Research</i> , 2000, 49, 353-356.	0.6	4
62	The effects of sepiolite in broiler chicken diets of high, medium and low viscosity. Productive performance and nutritive value. <i>Animal Feed Science and Technology</i> , 2000, 85, 183-194.	1.1	59
63	Maternal animal model with correlation between maternal environmental effects of related dams.. <i>Journal of Animal Science</i> , 1999, 77, 2904.	0.2	28
64	Conservation genetics of an endangered Catalanian cattle breed ("Alberes"). <i>Genetics and Molecular Biology</i> , 1999, 22, 387-394.	0.6	7
65	Effect of column filtration upon the quality parameters of fresh dog semen. <i>Theriogenology</i> , 1998, 50, 1171-1189.	0.9	17
66	Resistance to hyperosmotic stress in boar spermatozoa: the role of the ionic pumps and the relationship with cryosurvival. <i>Animal Reproduction Science</i> , 1997, 48, 301-315.	0.5	19
67	The rate of L-lactate production: a feasible parameter for the fresh diluted boar semen quality analysis. <i>Animal Reproduction Science</i> , 1996, 43, 161-172.	0.5	17
68	The "Bruna dels Pirineus" (Pyrenean brown breed): a genetic study of a rare cattle breed in Catalonia (Spain). <i>Biochemical Systematics and Ecology</i> , 1996, 24, 485-498.	0.6	6
69	L-LACTATE PRODUCTION: A FEASIBLE PARAMETER FOR THE FRESH BOAR SEMEN QUALITY ANALYSIS. <i>Reproduction in Domestic Animals</i> , 1995, 31, 253-254.	0.6	0
70	Comparative F Statistics Analysis of the Genetic Structure of Ten Spanish Dog Breeds. <i>Journal of Heredity</i> , 1992, 83, 367-374.	1.0	28
71	Genetic relationships in Spanish dog breeds. I. The analysis of morphological characters. <i>Genetics Selection Evolution</i> , 1992, 24, 1.	1.2	7
72	Genetic relationships in Spanish dog breeds. II. The analysis of biochemical polymorphism. <i>Genetics Selection Evolution</i> , 1992, 24, 1.	1.2	6

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73	Differential response to restricted feeding in two divergent lines of Duroc swine selected for front leg structure ¹ . Journal of Animal Breeding and Genetics, 1991, 108, 139-146.	0.8	4
74	Carcass traits and meat fatty acid composition in Mediterranean light lambs. Canadian Journal of Animal Science, 0, , .	0.7	2