

# Jorge Hugo Calvo

## List of Publications by Year in descending order

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92  
papers

2,254  
citations

236612

25  
h-index

253896

43  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection Signatures in Worldwide Sheep Populations. PLoS ONE, 2014, 9, e103813.	1.1	197
2	Effect of transport time on welfare and meat quality in pigs. Meat Science, 2002, 61, 425-433.	2.7	124
3	A deletion in the <i>bone morphogenetic protein 15</i> gene causes sterility and increased prolificacy in Rasa Aragonesa sheep. Animal Genetics, 2008, 39, 294-297.	0.6	110
4	Mitochondrial Sequence Reveals High Levels of Gene Flow Between Breeds of Domestic Sheep from Asia and Europe. Journal of Heredity, 2005, 96, 494-501.	1.0	91
5	The effect of feeding system in the expression of genes related with fat metabolism in semitendinous muscle in sheep. Meat Science, 2011, 89, 91-97.	2.7	83
6	Globally dispersed Y chromosomal haplotypes in wild and domestic sheep. Animal Genetics, 2006, 37, 444-453.	0.6	72
7	Quantitative PCR Detection of Pork in Raw and Heated Ground Beef and PÃ©tÃ©. Journal of Agricultural and Food Chemistry, 2002, 50, 5265-5267.	2.4	70
8	Modelling the distributions and spatial coincidence of bluetongue vectors <i>Culicoides imicola</i> and the <i>Culicoides obsoletus</i> group throughout the Iberian peninsula. Medical and Veterinary Entomology, 2008, 22, 124-134.	0.7	69
9	Technical note: A quick and more sensitive method to identify pork in processed and unprocessed food by PCR amplification of a new specific DNA fragment.. Journal of Animal Science, 2001, 79, 2108.	0.2	65
10	Influence of lairage time on some welfare and meat quality parameters in pigs. Veterinary Research, 2002, 33, 239-250.	1.1	58
11	Random Amplified Polymorphic DNA Fingerprints for Identification of Species in Poultry PÃ©tÃ©. Poultry Science, 2001, 80, 522-524.	1.5	56
12	Microsatellite based genetic diversity and population structure of the endangered Spanish Guadarrama goat breed. BMC Genetics, 2009, 10, 61.	2.7	54
13	Effects of finishing period length with vitamin E supplementation and alfalfa grazing on carcass color and the evolution of meat color and the lipid oxidation of light lambs. Meat Science, 2013, 93, 906-913.	2.7	52
14	Population structure of eleven Spanish ovine breeds and detection of selective sweeps with BayeScan and hapFLK. Scientific Reports, 2016, 6, 27296.	1.6	52
15	Beef- and Bovine-Derived Material Identification in Processed and Unprocessed Food and Feed by PCR Amplification. Journal of Agricultural and Food Chemistry, 2002, 50, 5262-5264.	2.4	46
16	Effect of the feeding system on the fatty acid composition, expression of the $\Delta^9$ -desaturase, Peroxisome Proliferator-Activated Receptor Alpha, Gamma, and Sterol Regulatory Element Binding Protein 1 genes in the semitendinous muscle of light lambs of the Rasa Aragonesa breed. BMC Veterinary Research, 2010, 6, 40.	0.7	39
17	Rabbit haemorrhagic disease: Cross-protection and comparative pathogenicity of GI.2/RHDV2/b and GI.1b/RHDV lagoviruses in a challenge trial. Veterinary Microbiology, 2018, 219, 87-95.	0.8	39
18	Characterisation of the Melatonin Receptor 1A (MTNR1A) gene in the Rasa Aragonesa sheep breed: Association with reproductive seasonality. Animal Reproduction Science, 2012, 133, 169-175.	0.5	36

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19	A SNP in the HSP90AA1 gene 5' flanking region is associated with the adaptation to differential thermal conditions in the ovine species. <i>Cell Stress and Chaperones</i> , 2010, 15, 67-81.	1.2	34
20	Host feeding patterns of <i>Culicoides</i> species (Diptera: Ceratopogonidae) within the Picos de Europa National Park in northern Spain. <i>Bulletin of Entomological Research</i> , 2012, 102, 692-697.	0.5	33
21	Ecological correlates of bluetongue virus in Spain: Predicted spatial occurrence and its relationship with the observed abundance of the potential <i>Culicoides</i> spp. vector. <i>Veterinary Journal</i> , 2009, 182, 235-243.	0.6	32
22	Letter - Could the new rabbit haemorrhagic disease virus variant (RHDVb) be fully replacing classical RHD strains in the Iberian Peninsula?. <i>World Rabbit Science</i> , 2014, 22, 91.	0.1	31
23	The forage type (grazing versus hay pasture) fed to ewes and the lamb sex affect fatty acid profile and lipogenic gene expression in the longissimus muscle of suckling lambs. <i>Journal of Animal Science</i> , 2012, 90, 54-66.	0.2	29
24	A new single nucleotide polymorphism in the calpastatin (CAST) gene associated with beef tenderness. <i>Meat Science</i> , 2014, 96, 775-782.	2.7	29
25	The relationship between muscle $\alpha$ -tocopherol concentration and meat oxidation in light lambs fed vitamin E supplements prior to slaughter. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 103-110.	1.7	27
26	Genomewide association for a dominant pigmentation gene in sheep. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 468-475.	0.8	26
27	Ovine HSP90AA1 Expression Rate Is Affected by Several SNPs at the Promoter under Both Basal and Heat Stress Conditions. <i>PLoS ONE</i> , 2013, 8, e66641.	1.1	24
28	Genome-wide expression profiling in muscle and subcutaneous fat of lambs in response to the intake of concentrate supplemented with vitamin E. <i>BMC Genomics</i> , 2017, 18, 92.	1.2	23
29	Association of the heart fatty acid-binding protein (FABP3) gene with milk traits in Manchega breed sheep. <i>Animal Genetics</i> , 2004, 35, 347-349.	0.6	22
30	Effect of the FecXR polymorphism in the bone morphogenetic protein 15 gene on natural or equine chorionic gonadotropin-induced ovulation rate and litter size in Rasa Aragonesa ewes and implications for on-farm application. <i>Journal of Animal Science</i> , 2011, 89, 3522-3530.	0.2	21
31	SNP rs403212791 in exon 2 of the MTNR1A gene is associated with reproductive seasonality in the Rasa aragonesa sheep breed. <i>Theriogenology</i> , 2018, 113, 63-72.	0.9	21
32	Towards the PCR-based identification of Palaearctic <i>Culicoides</i> biting midges (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (C Avaritia. <i>Parasites and Vectors</i> , 2014, 7, 223.	1.0	19
33	Differences in the Ovine HSP90AA1 Gene Expression Rates Caused by Two Linked Polymorphisms at Its Promoter Affect Rams Sperm DNA Fragmentation under Environmental Heat Stress Conditions. <i>PLoS ONE</i> , 2015, 10, e0116360.	1.1	18
34	Structural and functional analysis of the HSP90AA1 gene: distribution of polymorphisms among sheep with different responses to scrapie. <i>Cell Stress and Chaperones</i> , 2008, 13, 19-29.	1.2	17
35	<i>Culicoides</i> species and transmission of bluetongue virus in Spain. <i>Veterinary Record</i> , 2008, 162, 255-255.	0.2	17
36	Variations in the mitochondrial cytochrome c oxidase subunit I gene indicate northward expanding populations of <i>Culicoides imicola</i> in Spain. <i>Bulletin of Entomological Research</i> , 2009, 99, 583-591.	0.5	17

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37	Effect of finishing period length with Î±-tocopherol supplementation on the expression of vitamin E-related genes in the muscle and subcutaneous fat of light lambs. <i>Gene</i> , 2014, 552, 225-233.	1.0	17
38	Influence of the Ovine Genital Tract Microbiota on the Species Artificial Insemination Outcome. A Pilot Study in Commercial Sheep Farms. <i>High-Throughput</i> , 2020, 9, 16.	4.4	17
39	Genome-wide association studies for sperm traits in Assaf sheep breed. <i>Animal</i> , 2021, 15, 100065.	1.3	17
40	Investigation of the genetic diversity among native Turkish sheep breeds using mtDNA polymorphisms. <i>Tropical Animal Health and Production</i> , 2013, 45, 947-951.	0.5	16
41	Effect of vitamin E supplementation or alfalfa grazing on fatty acid composition and expression of genes related to lipid metabolism in lambs <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 3044-3054.	0.2	16
42	Genetic relationship and admixture in four Tunisian sheep breeds revealed by microsatellite markers. <i>Small Ruminant Research</i> , 2015, 131, 64-69.	0.6	16
43	Genome-wide association studies for reproductive seasonality traits in Rasa Aragonesa sheep breed. <i>Theriogenology</i> , 2017, 99, 21-29.	0.9	16
44	Genetic substructure of the Spanish Manchega sheep breed. <i>Small Ruminant Research</i> , 2006, 64, 116-125.	0.6	15
45	Polymorphisms in the HSP90AA1 5â€² flanking region are associated with scrapie incubation period in sheep. <i>Cell Stress and Chaperones</i> , 2010, 15, 343-349.	1.2	15
46	Genetic diversity in the Churra tensina and Churra lebrijana endangered Spanish sheep breeds and relationship with other Churra group breeds and Spanish mouflon. <i>Small Ruminant Research</i> , 2011, 95, 34-39.	0.6	15
47	Detection of Rabbit Hemorrhagic Disease Virus GI.2/RHDV2/b in the Mediterranean Pine Vole ( <i>Microtus</i> ) Tj ETQq1 1 0.784314 rgBT /Ove 55, 467.	0.3	15
48	Changes in HSP gene and protein expression in natural scrapie with brain damage. <i>Veterinary Research</i> , 2011, 42, 13.	1.1	14
49	Use of Maximum Likelihood-Mixed Models to select stable reference genes: a case of heat stress response in sheep. <i>BMC Molecular Biology</i> , 2011, 12, 36.	3.0	14
50	Fine mapping of the bovine heart fatty acid-binding protein gene (FABP3 â€š) to BTA2q45 by fluorescence in situ hybridization and radiation hybrid mapping. <i>Animal Genetics</i> , 2003, 34, 466-467.	0.6	13
51	Structural and functional characterisation of the ovine interferon gamma (IFNG) gene: Its role in nematode resistance in Rasa Aragonesa ewes. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 100-108.	0.5	13
52	Forage preservation (grazing vs. hay) fed to ewes affects the fatty acid profile of milk and CPT1B gene expression in the sheep mammary gland. <i>BMC Veterinary Research</i> , 2012, 8, 106.	0.7	13
53	A new allele in the BMP15 gene (FecX) that affects prolificacy co-segregates with FecX and FecX in Rasa aragonesa sheep. <i>Theriogenology</i> , 2020, 144, 107-111.	0.9	13
54	Fine mapping of genes on sheep chromosome 1 and their association with milk traits. <i>Animal Genetics</i> , 2006, 37, 205-210.	0.6	12

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55	Reliability of sex determination in ovine embryos using amelogenin gene (AMEL). <i>Theriogenology</i> , 2008, 70, 241-247.	0.9	12
56	Isolation, mapping and identification of SNPs for four genes <i>(ACP6</i>, <i>CGN</i>, <i>ANXA9</i>,) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	11
57	IL-1 family members as candidate genes modulating scrapie susceptibility in sheep: localization, partial characterization, and expression. <i>Mammalian Genome</i> , 2007, 18, 53-63.	1.0	11
58	Ovine HSP90AA1 gene promoter: functional study and epigenetic modifications. <i>Cell Stress and Chaperones</i> , 2015, 20, 1001-1012.	1.2	11
59	Influence of the Temperature and the Genotype of the HSP90AA1 Gene over Sperm Chromatin Stability in Manchega Rams. <i>PLoS ONE</i> , 2014, 9, e86107.	1.1	11
60	Ovine alpha-amylase genes: isolation, linkage mapping and association analysis with milk traits. <i>Animal Genetics</i> , 2004, 35, 329-332.	0.6	10
61	Structural and functional characterisation of the Î±S1-casein (CSN1S1) gene and association studies with milk traits in Assaf sheep breed. <i>Livestock Science</i> , 2013, 157, 1-8.	0.6	10
62	Looking for adaptive footprints in the HSP90AA1 ovine gene. <i>BMC Evolutionary Biology</i> , 2015, 15, 7.	3.2	10
63	Structural characterisation of the acyl CoA: diacylglycerol acyltransferase 1 (DGAT1) gene and association studies with milk traits in Assaf sheep breed. <i>Small Ruminant Research</i> , 2015, 131, 78-84.	0.6	10
64	Assignment <footref rid="foot01"><sup>1</sup></footref> of acetyl-coenzyme A carboxylase Î± (ACACA) to pig chromosome 12 (12p13â†p12) by fluorescence in situ hybridization and confirmation by genetic mapping. <i>Cytogenetic and Genome Research</i> , 2000, 90, 238-239.	0.6	9
65	Characterization, genetic variation and chromosomal assignment to sheep chromosome 2 of the ovine heart fatty acid-binding protein gene (FABP3). <i>Cytogenetic and Genome Research</i> , 2002, 98, 270-273.	0.6	9
66	Freemartinism and FecXR allele determination in replacement ewes of the Rasa Aragonesa sheep breed by duplex PCR. <i>Theriogenology</i> , 2009, 72, 1148-1152.	0.9	9
67	Effects of the FecXR allele of BMP15 gene on the birth weight, growth rate and carcass quality of Rasa Aragonesa light lambs. <i>Small Ruminant Research</i> , 2012, 108, 45-53.	0.6	8
68	A functional variant in the stearoyl-CoA desaturase (SCD) gene promoter affects gene expression in ovine muscle. <i>Livestock Science</i> , 2019, 219, 62-70.	0.6	8
69	Exploring the ovine sperm transcriptome by RNAseq techniques. I Effect of seasonal conditions on transcripts abundance. <i>PLoS ONE</i> , 2022, 17, e0264978.	1.1	8
70	The bovine annexin 9 gene (ANXA9) is significantly associated with milk-fat yield in a Spanish Holsteinâ€Friesian population. <i>Research in Veterinary Science</i> , 2010, 88, 452-455.	0.9	7
71	Polymorphisms at the 5â€² flanking region of the HSP90AA1 gene in native Turkish sheep breeds. <i>Livestock Science</i> , 2012, 150, 381-385.	0.6	7
72	Structural and functional analysis of the ovine laminin receptor gene (RPSA): Possible involvement of the LRP/LR protein in scrapie response. <i>Mammalian Genome</i> , 2008, 19, 92-105.	1.0	6

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73	Y chromosomal characterization of Turkish native sheep breeds. <i>Livestock Science</i> , 2011, 136, 277-280.	0.6	6
74	Novel polymorphisms in the 5'UTR of FASN, GPAM, MC4R and PLIN1 ovine candidate genes: Relationship with gene expression and diet. <i>Small Ruminant Research</i> , 2015, 123, 70-74.	0.6	6
75	Genome-Wide Association Studies of Somatic Cell Count in the Assaf Breed. <i>Animals</i> , 2021, 11, 1531.	1.0	6
76	Infectivity of rabbit haemorrhagic disease virus excreted in rabbit faecal pellets. <i>Veterinary Microbiology</i> , 2021, 257, 109079.	0.8	6
77	The LEPR Gene Is Associated with Reproductive Seasonality Traits in Rasa Aragonesa Sheep. <i>Animals</i> , 2020, 10, 2448.	1.0	6
78	Gene Expression and Fatty Acid Profiling in Longissimus thoracis Muscle, Subcutaneous Fat, and Liver of Light Lambs in Response to Concentrate or Alfalfa Grazing. <i>Frontiers in Genetics</i> , 2019, 10, 1070.	1.1	5
79	A Suitable Duplex PCR for Ovine Embryo Sex and Genotype of <i>PrnP</i> Gene Determination for MOET-Based Selection Programmes. <i>Reproduction in Domestic Animals</i> , 2011, 46, 999-1003.	0.6	4
80	In silico analysis of regulatory and structural motifs of the ovine HSP90AA1 gene. <i>Cell Stress and Chaperones</i> , 2016, 21, 415-427.	1.2	4
81	Changes in European wild rabbit population dynamics and the epidemiology of rabbit haemorrhagic disease in response to artificially increased viral transmission. <i>Transboundary and Emerging Diseases</i> , 2021, , .	1.3	4
82	Milk yield and genomewide expression profiling in the mammary gland of beef primiparous cows in response to the dietary management during the pre- and postweaning periods <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 4274-4287.	0.2	3
83	Genome-Wide Association Study Demonstrates the Role Played by the CD226 Gene in Rasa Aragonesa Sheep Reproductive Seasonality. <i>Animals</i> , 2021, 11, 1171.	1.0	3
84	Assignment <sup>1</sup> of maltase glucoamylase (MGAM) to pig chromosome 2 (2q21) by fluorescence in situ hybridization and confirmation by genetic mapping. <i>Cytogenetic and Genome Research</i> , 2000, 90, 236-237.	0.6	3
85	Short communication. IL-1 family members as possible candidate genes affecting economically important traits in cattle. <i>Spanish Journal of Agricultural Research</i> , 2007, 5, 38.	0.3	3
86	Linkage mapping of ovine cysteine and histidine-rich protein gene (CYHR1) to chromosome 9. <i>Animal Genetics</i> , 2004, 35, 263-264.	0.6	2
87	Association of two single nucleotide polymorphisms in the calpastatin gene with tenderness under varying lengths of meat ageing in two native Spanish cattle breeds. <i>Livestock Science</i> , 2019, 230, 103820.	0.6	2
88	Monitoring of Rabbit Hemorrhagic Disease Virus in European Wild Rabbit ( <i>Oryctolagus cuniculus</i> ) Populations by PCR Analysis of Rabbit Fecal Pellets. <i>Journal of Wildlife Diseases</i> , 2022, 58, .	0.3	2
89	Y chromosome haplotype characterization of Tunisian sheep breeds. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2015, 39, 333-337.	0.2	1
90	Experimental Study of the Mechanical Transmission of Rabbit Hemorrhagic Disease Virus (RHDV2/b) by <i>Aedes albopictus</i> (Diptera: Culicidae) and <i>Phlebotomus papatasi</i> (Diptera: Psychodidae). <i>Journal of Medical Entomology</i> , 2022, 59, 350-354.	0.9	1

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91	Assignment <sup>1</sup> of TRA1 encoding ppk98 to pig chromosome 5 by fluorescent in situ hybridization and confirmation by somatic cell hybrid analysis. Cytogenetic and Genome Research, 2000, 90, 321-322.	0.6	0
92	Development of a SNP parentage assignment panel in some North-Eastern Spanish meat sheep breeds. Spanish Journal of Agricultural Research, 2021, 18, e0406.	0.3	0