

# Aroa Suárez Vega

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

718  
citations

567144

15  
h-index

580701

25  
g-index

51  
all docs

51  
docs citations

51  
times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and Comparative Analysis of the Milk Transcriptome in Two Dairy Sheep Breeds using RNA Sequencing. <i>Scientific Reports</i> , 2016, 5, 18399.	1.6	88
2	GALLO: An R package for genomic annotation and integration of multiple data sources in livestock for positional candidate loci. <i>GigaScience</i> , 2020, 9, .	3.3	86
3	Comprehensive RNA-Seq profiling to evaluate lactating sheep mammary gland transcriptome. <i>Scientific Data</i> , 2016, 3, 160051.	2.4	50
4	Variant discovery in the sheep milk transcriptome using RNA sequencing. <i>BMC Genomics</i> , 2017, 18, 170.	1.2	44
5	High-resolution analysis of selection sweeps identified between fine-wool Merino and coarse-wool Churra sheep breeds. <i>Genetics Selection Evolution</i> , 2017, 49, 81.	1.2	35
6	Genetic mechanisms regulating the host response during mastitis. <i>Journal of Dairy Science</i> , 2019, 102, 9043-9059.	1.4	32
7	Genome-wide association study to identify genomic regions and positional candidate genes associated with male fertility in beef cattle. <i>Scientific Reports</i> , 2020, 10, 20102.	1.6	32
8	Transcriptome expression analysis of candidate milk genes affecting cheese-related traits in 2 sheep breeds. <i>Journal of Dairy Science</i> , 2016, 99, 6381-6390.	1.4	29
9	Estimations of linkage disequilibrium, effective population size and ROH-based inbreeding coefficients in Spanish Churra sheep using imputed high-density SNP genotypes. <i>Animal Genetics</i> , 2017, 48, 436-446.	0.6	25
10	Isolation of RNA from milk somatic cells as an alternative to biopsies of mammary tissue for nutrigenomic studies in dairy ewes. <i>Journal of Dairy Science</i> , 2016, 99, 8461-8471.	1.4	22
11	Exploring the mechanisms of resistance to <i>Teladorsagia circumcincta</i> infection in sheep through transcriptome analysis of abomasal mucosa and abomasal lymph nodes. <i>Veterinary Research</i> , 2018, 49, 39.	1.1	19
12	Identification of functional candidate variants and genes for feed efficiency in Holstein and Jersey cattle breeds using RNA-sequencing. <i>Journal of Dairy Science</i> , 2021, 104, 1928-1950.	1.4	19
13	Identification of quantitative trait loci underlying milk traits in Spanish dairy sheep using linkage plus combined linkage disequilibrium and linkage analysis approaches. <i>Journal of Dairy Science</i> , 2013, 96, 6059-6069.	1.4	18
14	Elucidating fish oil-induced milk fat depression in dairy sheep: Milk somatic cell transcriptome analysis. <i>Scientific Reports</i> , 2017, 7, 45905.	1.6	18
15	Genetic mechanisms underlying spermatid and testicular traits within and among cattle breeds: systematic review and prioritization of GWAS results. <i>Journal of Animal Science</i> , 2018, 96, 4978-4999.	0.2	17
16	Gene Networks Driving Genetic Variation in Milk and Cheese-Making Traits of Spanish Assaf Sheep. <i>Genes</i> , 2020, 11, 715.	1.0	15
17	Combining GWAS and RNA-Seq Approaches for Detection of the Causal Mutation for Hereditary Junctional Epidermolysis Bullosa in Sheep. <i>PLoS ONE</i> , 2015, 10, e0126416.	1.1	15
18	Development and comparison of RNA-sequencing pipelines for more accurate SNP identification: practical example of functional SNP detection associated with feed efficiency in Nellore beef cattle. <i>BMC Genomics</i> , 2020, 21, 703.	1.2	14

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19	Weighted Gene Correlation Network Meta-Analysis Reveals Functional Candidate Genes Associated with High- and Sub-Fertile Reproductive Performance in Beef Cattle. <i>Genes</i> , 2020, 11, 543.	1.0	14
20	Early adipose deposits in sheep: comparative analysis of the perirenal fat transcriptome of Assaf and Churra suckling lambs. <i>Animal Genetics</i> , 2018, 49, 605-617.	0.6	13
21	Conjugated linoleic acid (CLA)-induced milk fat depression: application of RNA-Seq technology to elucidate mammary gene regulation in dairy ewes. <i>Scientific Reports</i> , 2019, 9, 4473.	1.6	13
22	Identification of a 31-bp Deletion in the RELN Gene Causing Lissencephaly with Cerebellar Hypoplasia in Sheep. <i>PLoS ONE</i> , 2013, 8, e81072.	1.1	12
23	Detection of quantitative trait loci and putative causal variants affecting somatic cell score in dairy sheep by using a 50K SNP chip and whole-genome sequencing. <i>Journal of Dairy Science</i> , 2018, 101, 9072-9088.	1.4	11
24	Genome-wide association studies (GWAS) and post-GWAS analyses for technological traits in Assaf and Churra dairy breeds. <i>Journal of Dairy Science</i> , 2021, 104, 11850-11866.	1.4	11
25	Characterization of novel lncRNA muscle expression profiles associated with meat quality in beef cattle. <i>Evolutionary Applications</i> , 2022, 15, 706-718.	1.5	10
26	PSXIV-18 Genome-wide association study to identify genomic regions and single nucleotide polymorphisms functionally associated with bull fertility. <i>Journal of Animal Science</i> , 2018, 96, 138-139.	0.2	7
27	Analysis of Whole Genome Resequencing Datasets from a Worldwide Sample of Sheep Breeds to Identify Potential Causal Mutations Influencing Milk Composition Traits. <i>Animals</i> , 2020, 10, 1542.	1.0	7
28	Accuracy of Imputation of Microsatellite Markers from a 50K SNP Chip in Spanish Assaf Sheep. <i>Animals</i> , 2021, 11, 86.	1.0	7
29	The Milk Microbiota of the Spanish Churra Sheep Breed: New Insights into the Complexity of the Milk Microbiome of Dairy Species. <i>Animals</i> , 2020, 10, 1463.	1.0	6
30	Hereditary lissencephaly and cerebellar hypoplasia in Churra lambs. <i>BMC Veterinary Research</i> , 2013, 9, 156.	0.7	5
31	Generalized severe junctional epidermolysis bullosa with congenital absence of skin in churra lambs. <i>Veterinary Dermatology</i> , 2015, 26, 367.	0.4	5
32	Identification of potential functional variants underlying ovine resistance to gastrointestinal nematode infection by using RNA-Seq. <i>Animal Genetics</i> , 2020, 51, 266-277.	0.6	5
33	Comparison between methods for measuring fecal egg count and estimating genetic parameters for gastrointestinal parasite resistance traits in sheep. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
34	Genome-wide identification and characterization of <i>Fusarium circinatum</i> -responsive lncRNAs in <i>Pinus radiata</i> . <i>BMC Genomics</i> , 2022, 23, 194.	1.2	4
35	Study on the concordance between different SNP genotyping platforms in sheep. <i>Animal Genetics</i> , 2021, 52, 868-880.	0.6	3
36	PSXVII-4 A comparison of weighted gene co-expression networks in high- and low-feed efficiency dairy cattle. <i>Journal of Animal Science</i> , 2018, 96, 146-147.	0.2	1

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37	A multiple-phenotype imputation procedure as a method for prediction of cheese-making efficiency in Spanish Assaf sheep. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	1
38	PSI-30 Identifying key regulator genes associated with parasite resistance and their link with climate conditions in sheep.. <i>Journal of Animal Science</i> , 2018, 96, 187-188.	0.2	0
39	322 Evaluation of the biological function of genes linked to regions with distortion of Mendelian segregation and their relation to reproductive traits in dairy cattle.. <i>Journal of Animal Science</i> , 2018, 96, 122-122.	0.2	0
40	MICROBLOGGING ON TWITTER IN ANIMAL BREEDING AND ANIMAL GENOMICS RELATED COURSES AS A NETWORKING TOOL TO DEVELOP STUDENTS' COMMUNICATION SKILLS. , 2021, , .		0
41	A COLLABORATIVE GLOSSARY BUILDING PROJECT IN THE ANIMAL BREEDING COURSE TO PROMOTE STUDENTS' ACTIVE LEARNING AND CRITICAL THINKING. , 2021, , .		0
42	END-OF-DEGREE AND END-OF-MASTER PROJECTS AS EXPLORATORY OPPORTUNITIES FOR STUDENTS TO ASSESS RESEARCH AND SCIENCE TRANSFERENCE AS JOB OPTIONS: THE UNIVERSITY OF LEÓN ANIMAL BREEDING GROUP EXPERIENCE. , 2017, , .		0
43	PRELIMINARY USE OF KAHOOT AS AN INTERACTIVE TOOL FOR SELF-ASSESSMENT OF THEORETICAL CONCEPTS RELATED TO ANIMAL BREEDING. , 2020, , .		0
44	PSIII-8 Difference between two fecal egg count methods and estimation of genetic parameters for gastrointestinal parasite resistance traits in sheep. <i>Journal of Animal Science</i> , 2020, 98, 232-233.	0.2	0
45	352 Awardee Talk: Identification of novel haplotypes with recessive and allelic inheritance patterns affecting embryonic development processes, gestation losses and post-natal lethality in cattle. <i>Journal of Animal Science</i> , 2020, 98, 83-83.	0.2	0
46	INTRODUCING MASTER'S STUDENTS INTO GENOMIC SCIENTIFIC REASONING THROUGH AN INTERACTIVE PROBLEM-BASED LEARNING LANDSCAPE: THE CHALLENGE OF IDENTIFYING THE CAUSAL MUTATION OF A SHEEP HEREDITARY DISEASE. <i>EDULEARN Proceedings</i> , 2022, , .	0.0	0
47	NEW FORMS OF PRESENTING ASSIGNMENTS: PRE-RECORDED VIDEOS AS AN ALTERNATIVE TO ORAL PRESENTATIONS IN THE "ANIMAL BREEDING" COURSE. <i>EDULEARN Proceedings</i> , 2022, , .	0.0	0