

Georgios Banos

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,016
citations

471509

17
h-index

477307

29
g-index

56
all docs

56
docs citations

56
times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	Across-country genetic evaluation of meat sheep from Ireland and the United Kingdom. <i>Journal of Animal Breeding and Genetics</i> , 2022, 139, 342-350.	2.0	4
2	Repeatability of Health and Welfare Traits and Correlation with Performance Traits in Dairy Goats Reared under Low-Input Farming Systems. <i>Veterinary Sciences</i> , 2022, 9, 289.	1.7	3
3	Quantitative trait loci and transcriptome signatures associated with avian heritable resistance to <i>Campylobacter</i> . <i>Scientific Reports</i> , 2021, 11, 1623.	3.3	10
4	Towards future genetic evaluations for live weight and carcass composition traits in UK sheep. <i>Small Ruminant Research</i> , 2021, 196, 106327.	1.2	2
5	Association of Body Condition Score with Ultrasound Measurements of Backfat and Longissimus Dorsi Muscle Thickness in Periparturient Holstein Cows. <i>Animals</i> , 2021, 11, 818.	2.3	12
6	Telomere attrition rates are associated with weather conditions and predict productive lifespan in dairy cattle. <i>Scientific Reports</i> , 2021, 11, 5589.	3.3	14
7	Breeding strategies for improving smallholder dairy cattle productivity in Sub-Saharan Africa. <i>Journal of Animal Breeding and Genetics</i> , 2021, 138, 668-687.	2.0	5
8	Comparative Transcriptome Analysis of Milk Somatic Cells During Lactation Between Two Intensively Reared Dairy Sheep Breeds. <i>Frontiers in Genetics</i> , 2021, 12, 700489.	2.3	4
9	Evaluation of Factors Affecting Colostrum Quality and Quantity in Holstein Dairy Cattle. <i>Animals</i> , 2021, 11, 2005.	2.3	11
10	Breeding Strategies for Weather Resilience in Small Ruminants in Atlantic and Mediterranean Climates. <i>Frontiers in Genetics</i> , 2021, 12, 692121.	2.3	6
11	A study on the use of thermal imaging as a diagnostic tool for the detection of digital dermatitis in dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 10194-10202.	3.4	12
12	Understanding the seasonality of performance resilience to climate volatility in Mediterranean dairy sheep. <i>Scientific Reports</i> , 2021, 11, 1889.	3.3	9
13	A comprehensive genome-wide scan detects genomic regions related to local adaptation and climate resilience in Mediterranean domestic sheep. <i>Genetics Selection Evolution</i> , 2021, 53, 90.	3.0	14
14	Breeding strategies for animal resilience to weather variation in meat sheep. <i>BMC Genetics</i> , 2020, 21, 116.	2.7	14
15	Integrating Genetic and Genomic Analyses of Combined Health Data Across Ecotypes to Improve Disease Resistance in Indigenous African Chickens. <i>Frontiers in Genetics</i> , 2020, 11, 543890.	2.3	7
16	<i>ACAA2</i> and <i>FASN</i> polymorphisms affect the fatty acid profile of Chios sheep milk. <i>Journal of Dairy Research</i> , 2020, 87, 23-26.	1.4	9
17	Empirical and dynamic approaches for modelling the yield and N content of European grasslands. <i>Environmental Modelling and Software</i> , 2019, 122, 104562.	4.5	1
18	Quantitative Trait Loci Mapping for Lameness Associated Phenotypes in Holstein-Friesian Dairy Cattle. <i>Frontiers in Genetics</i> , 2019, 10, 926.	2.3	30

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19	Impact of polymorphisms at the PRNP locus on the performance of dairy goats reared under low-input pastoral farming systems. <i>Small Ruminant Research</i> , 2019, 174, 77-82.	1.2	2
20	Genetic analysis of novel phenotypes for farm animal resilience to weather variability. <i>BMC Genetics</i> , 2019, 20, 84.	2.7	14
21	Genetic and genomic analyses underpin the feasibility of concomitant genetic improvement of milk yield and mastitis resistance in dairy sheep. <i>PLoS ONE</i> , 2019, 14, e0214346.	2.5	12
22	The Genetic Architecture of Bovine Telomere Length in Early Life and Association With Animal Fitness. <i>Frontiers in Genetics</i> , 2019, 10, 1048.	2.3	21
23	Genetic parameters of colostrum traits in Holstein dairy cows. <i>Journal of Dairy Science</i> , 2019, 102, 11225-11232.	3.4	18
24	Heterosis in cattle crossbreeding schemes in tropical regions: meta-analysis of effects of breed combination, trait type, and climate on level of heterosis ¹ . <i>Journal of Animal Science</i> , 2019, 97, 29-34.	0.5	23
25	Evaluation of reference lactation length in Chios dairy sheep. <i>Animal</i> , 2019, 13, 1-7.	3.3	17
26	Can We Breed Cattle for Lower Bovine TB Infectivity?. <i>Frontiers in Veterinary Science</i> , 2018, 5, 310.	2.2	25
27	Impact of Genetic Selection for Increased Cattle Resistance to Bovine Tuberculosis on Disease Transmission Dynamics. <i>Frontiers in Veterinary Science</i> , 2018, 5, 237.	2.2	22
28	Immune-associated traits measured in milk of Holstein-Friesian cows as proxies for blood serum measurements. <i>Journal of Dairy Science</i> , 2018, 101, 10248-10258.	3.4	8
29	Association of plasma microRNA expression with age, genetic background and functional traits in dairy cattle. <i>Scientific Reports</i> , 2018, 8, 12955.	3.3	18
30	A meta-analysis on the effects of climate change on the yield and quality of European pastures. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 413-420.	5.3	38
31	Genetic profile of scrapie codons 146, 211 and 222 in the PRNP gene locus in three breeds of dairy goats. <i>PLoS ONE</i> , 2018, 13, e0198819.	2.5	13
32	Bovine telomere dynamics and the association between telomere length and productive lifespan. <i>Scientific Reports</i> , 2018, 8, 12748.	3.3	28
33	Longitudinal changes in telomere length and associated genetic parameters in dairy cattle analysed using random regression models. <i>PLoS ONE</i> , 2018, 13, e0192864.	2.5	17
34	Estimating genetic and phenotypic parameters of cellular immune-associated traits in dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 2850-2862.	3.4	21
35	Herd-specific random regression carcass profiles for beef cattle after adjustment for animal genetic merit. <i>Meat Science</i> , 2017, 129, 188-196.	5.5	3
36	Genetic evaluation for bovine tuberculosis resistance in dairy cattle. <i>Journal of Dairy Science</i> , 2017, 100, 1272-1281.	3.4	41

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37	Genomic regions underlying susceptibility to bovine tuberculosis in Holstein-Friesian cattle. <i>BMC Genetics</i> , 2017, 18, 27.	2.7	33
38	Genomic-Based Optimum Contribution in Conservation and Genetic Improvement Programs with Antagonistic Fitness and Productivity Traits. <i>Frontiers in Genetics</i> , 2016, 7, 25.	2.3	7
39	A practical approach to detect ancestral haplotypes in livestock populations. <i>BMC Genetics</i> , 2016, 17, 91.	2.7	2
40	Method Specific Calibration Corrects for DNA Extraction Method Effects on Relative Telomere Length Measurements by Quantitative PCR. <i>PLoS ONE</i> , 2016, 11, e0164046.	2.5	30
41	Genome-wide association studies of immune, disease and production traits in indigenous chicken ecotypes. <i>Genetics Selection Evolution</i> , 2016, 48, 74.	3.0	36
42	Comparison of Eleven Methods for Genomic DNA Extraction Suitable for Large-Scale Whole-Genome Genotyping and Long-Term DNA Banking Using Blood Samples. <i>PLoS ONE</i> , 2015, 10, e0115960.	2.5	111
43	Evaluation of Cross-Protection of a Lineage 1 West Nile Virus Inactivated Vaccine against Natural Infections from a Virulent Lineage 2 Strain in Horses, under Field Conditions. <i>Vaccine Journal</i> , 2015, 22, 1040-1049.	3.1	12
44	Association of lameness with milk yield and lactation curves in Chios dairy ewes. <i>Journal of Dairy Research</i> , 2015, 82, 193-199.	1.4	10
45	PRNP genotyping in dairy sheep flocks: A sampling strategy for application in breeding programmes for scrapie eradication. <i>Small Ruminant Research</i> , 2013, 113, 335-339.	1.2	0
46	Identification of Immune Traits Correlated with Dairy Cow Health, Reproduction and Productivity. <i>PLoS ONE</i> , 2013, 8, e65766.	2.5	57
47	Novel Quantitative Real-Time LCR for the Sensitive Detection of SNP Frequencies in Pooled DNA: Method Development, Evaluation and Application. <i>PLoS ONE</i> , 2011, 6, e14560.	2.5	18
48	Caprine PRNP polymorphisms at codons 171, 211, 222 and 240 in a Greek herd and their association with classical scrapie. <i>Journal of General Virology</i> , 2010, 91, 1629-1634.	2.9	59
49	A comparison of six methods for genomic DNA extraction suitable for PCR-based genotyping applications using ovine milk samples. <i>Molecular and Cellular Probes</i> , 2010, 24, 93-98.	2.1	68
50	Seasonal variation in testicular volume and sexual behavior of Chios and Serres rams. <i>Theriogenology</i> , 2004, 62, 275-282.	2.1	44
51	Estimation of Genetic (Co)variance Components for International Evaluation of Dairy Bulls. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1996, 46, 129-136.	0.2	10
52	Dependent Variables in International Sire Evaluations. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1995, 45, 209-217.	0.2	6
53	Joint Genetic Evaluation of Black-and-White Dairy Bulls in the Nordic Countries for Dairy Production Traits. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1994, 44, 129-137.	0.2	1