Georgios Banos

List of Publications by Year
in descending order

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53	1,016	471509	477307
papers	citations	17	29
		h-index	g-index

56	56	56	1389
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of Eleven Methods for Genomic DNA Extraction Suitable for Large-Scale Whole-Genome Genotyping and Long-Term DNA Banking Using Blood Samples. PLoS ONE, 2015, 10, e0115960.	2.5	111
2	A comparison of six methods for genomic DNA extraction suitable for PCR-based genotyping applications using ovine milk samples. Molecular and Cellular Probes, 2010, 24, 93-98.	2.1	68
3	Caprine PRNP polymorphisms at codons 171, 211, 222 and 240 in a Greek herd and their association with classical scrapie. Journal of General Virology, 2010, 91, 1629-1634.	2.9	59
4	Identification of Immune Traits Correlated with Dairy Cow Health, Reproduction and Productivity. PLoS ONE, 2013, 8, e65766.	2.5	57
5	Seasonal variation in testicular volume and sexual behavior of Chios and Serres rams. Theriogenology, 2004, 62, 275-282.	2.1	44
6	Genetic evaluation for bovine tuberculosis resistance in dairy cattle. Journal of Dairy Science, 2017, 100, 1272-1281.	3.4	41
7	A meta-analysis on the effects of climate change on the yield and quality of European pastures. Agriculture, Ecosystems and Environment, 2018, 265, 413-420.	5.3	38
8	Genome-wide association studies of immune, disease and production traits in indigenous chicken ecotypes. Genetics Selection Evolution, 2016, 48, 74.	3.0	36
9	Genomic regions underlying susceptibility to bovine tuberculosis in Holstein-Friesian cattle. BMC Genetics, 2017, 18, 27.	2.7	33
10	Method Specific Calibration Corrects for DNA Extraction Method Effects on Relative Telomere Length Measurements by Quantitative PCR. PLoS ONE, 2016, 11, e0164046.	2.5	30
11	Quantitative Trait Loci Mapping for Lameness Associated Phenotypes in Holsteinâ€“Friesian Dairy Cattle. Frontiers in Genetics, 2019, 10, 926.	2.3	30
12	Bovine telomere dynamics and the association between telomere length and productive lifespan. Scientific Reports, 2018, 8, 12748.	3.3	28
13	Can We Breed Cattle for Lower Bovine TB Infectivity?. Frontiers in Veterinary Science, 2018, 5, 310.	2.2	25
14	Heterosis in cattle crossbreeding schemes in tropical regions: meta-analysis of effects of breed combination, trait type, and climate on level of heterosis1. Journal of Animal Science, 2019, 97, 29-34.	0.5	23
15	Impact of Genetic Selection for Increased Cattle Resistance to Bovine Tuberculosis on Disease Transmission Dynamics. Frontiers in Veterinary Science, 2018, 5, 237.	2.2	22
16	Estimating genetic and phenotypic parameters of cellular immune-associated traits in dairy cows. Journal of Dairy Science, 2017, 100, 2850-2862.	3.4	21
17	The Genetic Architecture of Bovine Telomere Length in Early Life and Association With Animal Fitness. Frontiers in Genetics, 2019, 10, 1048.	2.3	21
18	Association of plasma microRNA expression with age, genetic background and functional traits in dairy cattle. Scientific Reports, 2018, 8, 12955.	3.3	18

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19	Genetic parameters of colostrum traits in Holstein dairy cows. Journal of Dairy Science, 2019, 102, 11225-11232.	3.4	18
20	Novel Quantitative Real-Time LCR for the Sensitive Detection of SNP Frequencies in Pooled DNA: Method Development, Evaluation and Application. PLoS ONE, 2011, 6, e14560.	2.5	18
21	Longitudinal changes in telomere length and associated genetic parameters in dairy cattle analysed using random regression models. PLoS ONE, 2018, 13, e0192864.	2.5	17
22	Evaluation of reference lactation length in Chios dairy sheep. Animal, 2019, 13, 1-7.	3.3	17
23	Genetic analysis of novel phenotypes for farm animal resilience to weather variability. BMC Genetics, 2019, 20, 84.	2.7	14
24	Breeding strategies for animal resilience to weather variation in meat sheep. BMC Genetics, 2020, 21, 116.	2.7	14
25	Telomere attrition rates are associated with weather conditions and predict productive lifespan in dairy cattle. Scientific Reports, 2021, 11, 5589.	3.3	14
26	A comprehensive genome-wide scan detects genomic regions related to local adaptation and climate resilience in Mediterranean domestic sheep. Genetics Selection Evolution, 2021, 53, 90.	3.0	14
27	Genetic profile of scrapie codons 146, 211 and 222 in the PRNP gene locus in three breeds of dairy goats. PLoS ONE, 2018, 13, e0198819.	2.5	13
28	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. Vaccine Journal, 2015, 22, 1040-1049.	3.1	12
29	Genetic and genomic analyses underpin the feasibility of concomitant genetic improvement of milk yield and mastitis resistance in dairy sheep. PLoS ONE, 2019, 14, e0214346.	2.5	12
30	Association of Body Condition Score with Ultrasound Measurements of Backfat and Longissimus Dorsi Muscle Thickness in Periparturient Holstein Cows. Animals, 2021, 11, 818.	2.3	12
31	A study on the use of thermal imaging as a diagnostic tool for the detection of digital dermatitis in dairy cattle. Journal of Dairy Science, 2021, 104, 10194-10202.	3.4	12
32	Evaluation of Factors Affecting Colostrum Quality and Quantity in Holstein Dairy Cattle. Animals, 2021, 11, 2005.	2.3	11
33	Estimation of Genetic (Co)variance Components for International Evaluation of Dairy Bulls. Acta Agriculturae Scandinavica - Section A: Animal Science, 1996, 46, 129-136.	0.2	10
34	Association of lameness with milk yield and lactation curves in Chios dairy ewes. Journal of Dairy Research, 2015, 82, 193-199.	1.4	10
35	Quantitative trait loci and transcriptome signatures associated with avian heritable resistance to Campylobacter. Scientific Reports, 2021, 11, 1623.	3.3	10
36	ACAA2 and FASN polymorphisms affect the fatty acid profile of Chios sheep milk. Journal of Dairy Research, 2020, 87, 23-26.	1.4	9

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37	Understanding the seasonality of performance resilience to climate volatility in Mediterranean dairy sheep. Scientific Reports, 2021, 11, 1889.	3.3	9
38	Immune-associated traits measured in milk of Holstein-Friesian cows as proxies for blood serum measurements. Journal of Dairy Science, 2018, 101, 10248-10258.	3.4	8
39	Genomic-Based Optimum Contribution in Conservation and Genetic Improvement Programs with Antagonistic Fitness and Productivity Traits. Frontiers in Genetics, 2016, 7, 25.	2.3	7
40	Integrating Genetic and Genomic Analyses of Combined Health Data Across Ecotypes to Improve Disease Resistance in Indigenous African Chickens. Frontiers in Genetics, 2020, 11, 543890.	2.3	7
41	Dependent Variables in International Sire Evaluations. Acta Agriculturae Scandinavica - Section A: Animal Science, 1995, 45, 209-217.	0.2	6
42	Breeding Strategies for Weather Resilience in Small Ruminants in Atlantic and Mediterranean Climates. Frontiers in Genetics, 2021, 12, 692121.	2.3	6
43	Breeding strategies for improving smallholder dairy cattle productivity in Subâ€Saharan Africa. Journal of Animal Breeding and Genetics, 2021, 138, 668-687.	2.0	5
44	Comparative Transcriptome Analysis of Milk Somatic Cells During Lactation Between Two Intensively Reared Dairy Sheep Breeds. Frontiers in Genetics, 2021, 12, 700489.	2.3	4
45	Acrossâ€country genetic evaluation of meat sheep from Ireland and the United Kingdom. Journal of Animal Breeding and Genetics, 2022, 139, 342-350.	2.0	4
46	Herd-specific random regression carcass profiles for beef cattle after adjustment for animal genetic merit. Meat Science, 2017, 129, 188-196.	5.5	3
47	Repeatability of Health and Welfare Traits and Correlation with Performance Traits in Dairy Goats Reared under Low-Input Farming Systems. Veterinary Sciences, 2022, 9, 289.	1.7	3
48	A practical approach to detect ancestral haplotypes in livestock populations. BMC Genetics, 2016, 17, 91.	2.7	2
49	Impact of polymorphisms at the PRNP locus on the performance of dairy goats reared under low-input pastoral farming systems. Small Ruminant Research, 2019, 174, 77-82.	1.2	2
50	Towards future genetic evaluations for live weight and carcass composition traits in UK sheep. Small Ruminant Research, 2021, 196, 106327.	1.2	2
51	Joint Genetic Evaluation of Black-and-White Dairy Bulls in the Nordic Countries for Dairy Production Traits. Acta Agriculturae Scandinavica - Section A: Animal Science, 1994, 44, 129-137.	0.2	1
52	Empirical and dynamic approaches for modelling the yield and N content of European grasslands. Environmental Modelling and Software, 2019, 122, 104562.	4.5	1
53	PRNP genotyping in dairy sheep flocks: A sampling strategy for application in breeding programmes for scrapie eradication. Small Ruminant Research, 2013, 113, 335-339.	1.2	0