

# Ali Esmailizadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

1,834  
citations

257450

24  
h-index

330143

37  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1875  
citing authors

#	ARTICLE	IF	CITATIONS
1	863 genomes reveal the origin and domestication of chicken. <i>Cell Research</i> , 2020, 30, 693-701.	12.0	144
2	Whole-genome resequencing of wild and domestic sheep identifies genes associated with morphological and agronomic traits. <i>Nature Communications</i> , 2020, 11, 2815.	12.8	142
3	The origin of domestication genes in goats. <i>Science Advances</i> , 2020, 6, eaaz5216.	10.3	86
4	Whole genomes and transcriptomes reveal adaptation and domestication of pistachio. <i>Genome Biology</i> , 2019, 20, 79.	8.8	81
5	Effects of the myostatin F94L substitution on beef traits <sup>1</sup> . <i>Journal of Animal Science</i> , 2008, 86, 1038-1046.	0.5	70
6	AdaptMap: exploring goat diversity and adaptation. <i>Genetics Selection Evolution</i> , 2018, 50, 61.	3.0	70
7	Convergent genomic signatures of high-altitude adaptation among domestic mammals. <i>National Science Review</i> , 2020, 7, 952-963.	9.5	52
8	Quantitative genetic analysis of growth traits and Kleiber ratios in Sanjabi sheep. <i>Small Ruminant Research</i> , 2010, 93, 88-93.	1.2	50
9	Whole-Genome Resequencing of Worldwide Wild and Domestic Sheep Elucidates Genetic Diversity, Introgression, and Agronomically Important Loci. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	50
10	Paternal Origins and Migratory Episodes of Domestic Sheep. <i>Current Biology</i> , 2020, 30, 4085-4095.e6.	3.9	49
11	Historical Introgression from Wild Relatives Enhanced Climatic Adaptation and Resistance to Pneumonia in Sheep. <i>Molecular Biology and Evolution</i> , 2021, 38, 838-855.	8.9	44
12	Local and global patterns of admixture and population structure in Iranian native cattle. <i>BMC Genetics</i> , 2016, 17, 108.	2.7	42
13	Pedigree analysis of Iran-Black sheep and inbreeding effects on growth and reproduction traits. <i>Small Ruminant Research</i> , 2014, 116, 14-20.	1.2	40
14	Estimates of phenotypic and genetic parameters for reproductive traits in Kermani sheep. <i>Small Ruminant Research</i> , 2010, 88, 27-31.	1.2	38
15	Whole-genome sequence analysis unveils different origins of European and Asiatic mouflon and domestication-related genes in sheep. <i>Communications Biology</i> , 2021, 4, 1307.	4.4	38
16	Identification of point mutations in exon 2 of GDF9 gene in Kermani sheep. <i>Polish Journal of Veterinary Sciences</i> , 2016, 19, 281-289.	0.2	37
17	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 149-158.	8.9	36
18	Using microsatellite markers to analyze genetic diversity in 14 sheep types in Iran. <i>Archives Animal Breeding</i> , 2017, 60, 183-189.	1.4	34

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19	A directed search around caprine candidate loci provided evidence for microsatellites linkage to growth and cashmere yield in Rayini goats. <i>Small Ruminant Research</i> , 2009, 81, 146-151.	1.2	32
20	Association of bovine PPARGC1A and OPN genes with milk production and composition in Holstein cattle. <i>Czech Journal of Animal Science</i> , 2015, 60, 97-104.	1.3	32
21	Genetic analysis of ewe productivity traits in Moghani sheep. <i>Small Ruminant Research</i> , 2011, 96, 11-15.	1.2	30
22	A predictive assessment of genetic correlations between traits in chickens using markers. <i>Genetics Selection Evolution</i> , 2017, 49, 16.	3.0	30
23	Mutations in bone morphogenetic protein 15 and growth differentiation factor 9 genes are associated with increased litter size in fat-tailed sheep breeds. <i>Veterinary Research Communications</i> , 2011, 35, 157-167.	1.6	26
24	Polymorphism of the prolactin gene and its effect on fiber traits in goat. <i>Russian Journal of Genetics</i> , 2016, 52, 405-408.	0.6	26
25	The pattern of runs of homozygosity and genomic inbreeding in world-wide sheep populations. <i>Genomics</i> , 2021, 113, 1407-1415.	2.9	26
26	Quantitative trait loci for organ weights and adipose fat composition in Jersey and Limousin backâ€cross cattle finished on pasture or feedlot. <i>Animal Genetics</i> , 2010, 41, 589-596.	1.7	25
27	Genotyping of isolates of <i>Clostridium perfringens</i> from vaccinated and unvaccinated sheep. <i>Small Ruminant Research</i> , 2011, 95, 65-69.	1.2	24
28	Whole genome sequence analysis to detect signatures of positive selection for high fecundity in sheep. <i>Reproduction in Domestic Animals</i> , 2019, 54, 358-364.	1.4	23
29	Genomic and Phenotypic Analyses Reveal Mechanisms Underlying Homing Ability in Pigeon. <i>Molecular Biology and Evolution</i> , 2020, 37, 134-148.	8.9	23
30	Large-scale genomic analysis reveals the genetic cost of chicken domestication. <i>BMC Biology</i> , 2021, 19, 118.	3.8	22
31	Detection of breed-specific copy number variations in domestic chicken genome. <i>Genome</i> , 2018, 61, 7-14.	2.0	21
32	Quantitative trait loci for live animal and carcass composition traits in Jersey and Limousin backâ€cross cattle finished on pasture or feedlot. <i>Animal Genetics</i> , 2009, 40, 648-654.	1.7	20
33	A genome-wide scan to identify signatures of selection in two Iranian indigenous chicken ecotypes. <i>Genetics Selection Evolution</i> , 2021, 53, 72.	3.0	20
34	Whole-genome resequencing reveals selection signatures associated with milk production traits in African Kenana dairy zebu cattle. <i>Genomics</i> , 2020, 112, 880-885.	2.9	19
35	Prioritization for conservation of Iranian native cattle breeds based on genome-wide SNP data. <i>Conservation Genetics</i> , 2016, 17, 77-89.	1.5	16
36	Genetic mapping of quantitative trait loci affecting bodyweight on chromosome 1 in a commercial strain of Japanese quail. <i>Animal Production Science</i> , 2012, 52, 64.	1.3	15

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37	Maternal genomic variability of the wild boar ( <i>Sus scrofa</i> ) reveals the uniqueness of Eastâ€Caucasian and Central Italian populations. <i>Ecology and Evolution</i> , 2019, 9, 9467-9478.	1.9	15
38	Genetic diversity in Kermani sheep assessed from pedigree analysis. <i>Small Ruminant Research</i> , 2013, 114, 202-205.	1.2	14
39	Comparative population genomic analysis uncovers novel genomic footprints and genes associated with small body size in Chinese pony. <i>BMC Genomics</i> , 2020, 21, 496.	2.8	14
40	Quantitative trait loci underlying hatching weight and growth traits in an F2 intercross between two strains of Japanese quail. <i>Animal Production Science</i> , 2012, 52, 1012.	1.3	12
41	Quantitative Trait Loci Mapping Problem: An Extinction-Based Multi-Objective Evolutionary Algorithm Approach. <i>Algorithms</i> , 2013, 6, 546-564.	2.1	12
42	Identification of QTL for live weight and growth rate using DNA markers on chromosome 3 in an F2 population of Japanese quail. <i>Molecular Biology Reports</i> , 2014, 41, 1049-1057.	2.3	12
43	Genomic analysis reveals variant association with high altitude adaptation in native chickens. <i>Scientific Reports</i> , 2019, 9, 9224.	3.3	11
44	The evolutionary genetics of lactase persistence in seven ethnic groups across the Iranian plateau. <i>Human Genomics</i> , 2019, 13, 7.	2.9	11
45	Genome-Wide Detection of Copy Number Variations and Their Association With Distinct Phenotypes in the Worldâ€™s Sheep. <i>Frontiers in Genetics</i> , 2021, 12, 670582.	2.3	11
46	Lambing season and fertility of fat-tailed ewes under an extensive production system are associated with liveweight and body condition around mating. <i>Animal Production Science</i> , 2009, 49, 1086.	1.3	11
47	Polymorphism of the Prolactin Gene and Its Effect on Fiber Traits in Goat. <i>Russian Journal of Genetics</i> , 2016, 52, 461-465.	0.4	11
48	Genetic mapping of quantitative trait loci for meat quality and muscle metabolic traits in cattle. <i>Animal Genetics</i> , 2011, 42, 592-599.	1.7	10
49	Comparative population genomics unveils candidate genes for athletic performance in Hanoverians. <i>Genome</i> , 2019, 62, 279-285.	2.0	10
50	Genetic diversity and signatures of selection for heat tolerance and immune response in Iranian native chickens. <i>BMC Genomics</i> , 2022, 23, 224.	2.8	10
51	Genetic structure of Iranian indigenous sheep breeds: insights for conservation. <i>Tropical Animal Health and Production</i> , 2020, 52, 2283-2290.	1.4	9
52	Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. <i>Zoological Research</i> , 2021, 42, 450-460.	2.1	9
53	Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. <i>Zoological Research</i> , 2020, 41, 51-60.	2.1	9
54	Detection of candidate genes affecting milk production traits in sheep using wholeâ€Cgenome sequencing analysis. <i>Veterinary Medicine and Science</i> , 2022, 8, 1197-1204.	1.6	9

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55	A partial genome scan to identify quantitative trait loci affecting birthweight in Kermani sheep. <i>Small Ruminant Research</i> , 2010, 94, 73-78.	1.2	7
56	Canine transmissible venereal tumor genome reveals ancient introgression from coyotes to pre-contact dogs in North America. <i>Cell Research</i> , 2019, 29, 592-595.	12.0	7
57	Genetic analysis of an F2 intercross between two strains of Japanese quail provided evidence for quantitative trait loci affecting carcass composition and internal organs. <i>Molecular Biology Reports</i> , 2014, 41, 4455-4462.	2.3	6
58	Whole genome resequencing of the Iranian native dogs and wolves to unravel variome during dog domestication. <i>BMC Genomics</i> , 2020, 21, 207.	2.8	6
59	Genomic Analyses Unveil Helmeted Guinea Fowl ( <i>Numida meleagris</i> ) Domestication in West Africa. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	6
60	Fattening performance of purebred and crossbred lambs from fat-tailed Kurdi ewes mated to four Iranian native ram breeds. <i>Tropical Animal Health and Production</i> , 2012, 44, 217-223.	1.4	5
61	A chromosome-wide QTL mapping on chromosome 2 to identify loci affecting live weight and carcass traits in F2 population of Japanese quail. <i>Czech Journal of Animal Science</i> , 2016, 61, 290-297.	1.3	5
62	Mapping of genome-wide copy number variations in the Iranian indigenous cattle using a dense SNP data set. <i>Animal Production Science</i> , 2018, 58, 1192.	1.3	5
63	Mammary tissue transcriptomic analysis for construction of integrated regulatory networks involved in lactogenesis of <i>Ovis aries</i> . <i>Genomics</i> , 2020, 112, 4277-4287.	2.9	5
64	A molecular genome scan to identify DNA segments associated with live weight in Japanese quail. <i>Molecular Biology Reports</i> , 2016, 43, 1267-1272.	2.3	4
65	Use of Random Regression Test-Day Model to Estimate Genetic Parameters of Milk Yield in Holstein Cows. <i>Open Journal of Animal Sciences</i> , 2018, 08, 27-38.	0.6	4
66	Polymorphism of DMRT3 Gene and Its Association with Body Measurements in Horse Breeds. <i>Russian Journal of Genetics</i> , 2020, 56, 1232-1240.	0.6	4
67	Supplementation with whole cottonseed changes milk composition and milk fatty acid profile in dairy cows. <i>Animal Production Science</i> , 2011, 51, 95.	1.3	3
68	Effects of pre-incubation upside-down positioning of eggs from breeder flocks with different ages on hatchability and chick quality. <i>Animal Production Science</i> , 2012, 52, 269.	1.3	3
69	Whole-genome sequence analysis reveals candidate genomic footprints and genes associated with reproductive traits in Thoroughbred horse. <i>Reproduction in Domestic Animals</i> , 2020, 55, 200-208.	1.4	3
70	Gene network analysis to determine the effect of hypoxia-associated genes on brain damages and tumorigenesis using an avian model. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 100.	3.3	2
71	Genome-wide DNA arrays profiling unravels the genetic structure of Iranian sheep and pattern of admixture with worldwide coarse-wool sheep breeds. <i>Genomics</i> , 2021, 113, 3501-3511.	2.9	2
72	Genetic Variation of Goat Interferon Regulatory Factor 3 Gene and Its Implication in Goat Evolution. <i>PLoS ONE</i> , 2016, 11, e0161962.	2.5	2

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73	Detection of a novel single nucleotide polymorphism in IGF2 gene with a negative impact on egg production and body weight in Japanese quail ( <i>Coturnix japonica</i> ). <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 170.	3.3	2
74	Correction: Genetic diversity and signatures of selection for heat tolerance and immune response in Iranian native chickens. <i>BMC Genomics</i> , 2022, 23, .	2.8	2
75	Effects of QTL parameters and marker density on efficiency of Haley-Knott regression interval mapping of QTL with complex traits and use of artificial neural network for prediction of the efficiency of HK method in livestock. <i>Journal of Applied Animal Research</i> , 2012, 40, 247-255.	1.2	1
76	Genome-scan analysis for genetic mapping of quantitative trait loci underlying birth weight and onset of puberty in doe kids ( <i>Capra hircus</i> ). <i>Animal Genetics</i> , 2014, 45, 849-854.	1.7	1
77	Detection of chromosomal segments underlying scrotal circumference in ram lambs and age at onset of puberty in ewe lambs. <i>Animal Production Science</i> , 2015, 55, 1018.	1.3	1
78	Mitochondrial DNA sequence variation in Iranian native dogs. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 394-402.	0.7	1
79	Importance of genotype by environment interaction on genetic analysis of milk yield in Iranian Holstein cows using a random regression model. <i>Animal Production Science</i> , 2019, 59, 1438.	1.3	1
80	The lactase persistence allele "22018 G/A associated with body mass index in an Asian population. <i>Gene Reports</i> , 2020, 19, 100621.	0.8	1
81	Performance of pedigree and various forms of marker-derived relationship coefficients in genomic prediction and their correlations. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 423-437.	2.0	1
82	Whole genome resequencing data sets of different species from <i>Pistacia</i> genus. <i>BMC Research Notes</i> , 2021, 14, 290.	1.4	1
83	Whole genome resequencing data for rock pigeon ( <i>Columba livia</i> ). <i>BMC Research Notes</i> , 2021, 14, 305.	1.4	1
84	Mapping Quantitative Trait Affecting Live Weight on Chromosome 5 in Japanese Quail. <i>Research on Animal Production</i> , 2018, 9, 111-118.	0.0	1
85	Genic and non-genic SNP contributions to additive and dominance genetic effects in purebred and crossbred pig traits. <i>Scientific Reports</i> , 2022, 12, 3795.	3.3	1
86	A Search for Eurasian Sheep Relationships: Genomic Assessment of the Autochthonous Sheep Breeds in Russia and the Persian Plateau. <i>Diversity</i> , 2022, 14, 445.	1.7	1
87	Genome resequencing data for Iranian local dogs and wolves. <i>BMC Research Notes</i> , 2020, 13, 436.	1.4	0
88	The Effects of Chicken Box, Chick Paper Type and Flock Age on Sound Level and Leg Abnormalities in One-Day Old Chicks in the Hatchery. <i>Kahramanmaraş Sırtaklısı Önemli Bilimler Üniversitesi Tarım Ve Doğa Dergisi</i> , 2014, 17, 41.		0
89	Transcriptome resequencing data for rock pigeon ( <i>Columba livia</i> ). <i>BMC Research Notes</i> , 2022, 15, 121.	1.4	0