Shaobin Li

List of Publications by Year in descending order

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63 papers	822 citations	623734 14 h-index	642732 23 g-index
67 all docs	67 docs citations	67 times ranked	347 citing authors

#	Article	IF	Citations
1	Effects of ultrasound pretreatment on the quality, nutrients and volatile compounds of dry-cured yak meat. Ultrasonics Sonochemistry, 2022, 82, 105864.	8.2	32
2	Changes in the Mitochondrial Dynamics and Functions Together with the mRNA/miRNA Network in the Heart Tissue Contribute to Hypoxia Adaptation in Tibetan Sheep. Animals, 2022, 12, 583.	2.3	8
3	Comprehensive Transcriptome Analysis Reveals the Role of lncRNA in Fatty Acid Metabolism in the Longissimus Thoracis Muscle of Tibetan Sheep at Different Ages. Frontiers in Nutrition, 2022, 9, 847077.	3.7	4
4	Editorial: Sheep and Goat Gene Exploration. Frontiers in Genetics, 2022, 13, 802709.	2.3	1
5	Sex differences in rumen fermentation and microbiota of Tibetan goat. Microbial Cell Factories, 2022, 21, 55.	4.0	7
6	Characterization of the circRNAâ€“miRNAâ€“mRNA Network to Reveal the Potential Functional ceRNAs Associated With Dynamic Changes in the Meat Quality of the Longissimus Thoracis Muscle in Tibetan Sheep at Different Growth Stages. Frontiers in Veterinary Science, 2022, 9, 803758.	2.2	8
7	Variation in caprine KRTAP1-3 and its association with cashmere fibre diameter. Gene, 2022, 823, 146341.	2.2	4
8	Variations in HIF-1Î± Contributed to High Altitude Hypoxia Adaptation via Affected Oxygen Metabolism in Tibetan Sheep. Animals, 2022, 12, 58.	2.3	4
9	Identification and characterization of circular RNAs in Longissimus dorsi muscle tissue from two goat breeds using RNA-Seq. Molecular Genetics and Genomics, 2022, 297, 817-831.	2.1	7
10	Multi-Omics Reveals That the Rumen Transcriptome, Microbiome, and Its Metabolome Co-regulate Cold Season Adaptability of Tibetan Sheep. Frontiers in Microbiology, 2022, 13, 859601.	3.5	14
11	Physiology and Transcriptomics Analysis Reveal the Contribution of Lungs on High-Altitude Hypoxia Adaptation in Tibetan Sheep. Frontiers in Physiology, 2022, 13, .	2.8	4
12	Small RNA deep sequencing reveals the expressions of microRNAs in ovine mammary gland development at peak-lactation and during the non-lactating period. Genomics, 2021, 113, 637-646.	2.9	23
13	Identification and characterization of circular RNAs in mammary gland tissue from sheep at peak lactation and during the nonlactating period. Journal of Dairy Science, 2021, 104, 2396-2409.	3.4	19
14	MicroRNA-432 inhibits milk fat synthesis by targeting SCD and LPL in ovine mammary epithelial cells. Food and Function, 2021, 12, 9432-9442.	4.6	11
15	Nucleotide Sequence Variation in the Insulin-Like Growth Factor 1 Gene Affects Growth and Carcass Traits in New Zealand Romney Sheep. DNA and Cell Biology, 2021, 40, 265-271.	1.9	6
16	Sequence and haplotypes of ankyrin 1 gene (ANK1) and their association with carcass and meat quality traits in yak. Mammalian Genome, 2021, 32, 104-114.	2.2	3
17	Supplementary feeding of cattle-yak in the cold season alters rumen microbes, volatile fatty acids, and expression of SGLT1 in the rumen epithelium. PeerJ, 2021, 9, e11048.	2.0	7
18	Variation in a Newly Identified Caprine KRTAP Gene Is Associated with Raw Cashmere Fiber Weight in Longdong Cashmere Goats. Genes, 2021, 12, 625.	2.4	6

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19	A highly polymorphic caprine keratin-associated protein gene identified and its effect on cashmere traits. Journal of Animal Science, 2021, 99, .	0.5	3
20	MicroRNA-200b Regulates the Proliferation and Differentiation of Ovine Preadipocytes by Targeting p27 and KLF9. Animals, 2021, 11, 2417.	2.3	10
21	Regulating glycolysis and heat shock proteins in Gannan yaks (<i>Bos</i>) Tj ETQq1 1 0.784314 rgBT /Ov Archives Animal Breeding, 2021, 64, 345-353.	1.4	1
22	Variation in the Ovine Glycogen Synthase Kinase 3 Beta-Interaction Protein Gene (GSKIP) Affects Carcass and Growth Traits in Romney Sheep. Animals, 2021, 11, 2690.	2.3	1
23	Effect of glycolysis and heat shock proteins on hypoxia adaptation of Tibetan sheep at different altitude. Gene, 2021, 803, 145893.	2.2	10
24	Effects of Slaughter Age on Myosin Heavy Chain Isoforms, Muscle Fibers, Fatty Acids, and Meat Quality in Longissimus Thoracis Muscle of Tibetan Sheep. Frontiers in Veterinary Science, 2021, 8, 689589.	2.2	15
25	The Complexity of the Ovine and Caprine Keratin-Associated Protein Genes. International Journal of Molecular Sciences, 2021, 22, 12838.	4.1	9
26	Rumen Fermentationâ€"Microbiotaâ€"Host Gene Expression Interactions to Reveal the Adaptability of Tibetan Sheep in Different Periods. Animals, 2021, 11, 3529.	2.3	9
27	Ovine Toll-like Receptor 9 (TLR9) Gene Variation and Its Association with Flystrike Susceptibility. Animals, 2021, 11, 3549.	2.3	0
28	Interference With ACSL1 Gene in Bovine Adipocytes: Transcriptome Profiling of mRNA and lncRNA Related to Unsaturated Fatty Acid Synthesis. Frontiers in Veterinary Science, 2021, 8, 788316.	2.2	4
29	Identification and characterization of circular RNA in lactating mammary glands from two breeds of sheep with different milk production profiles using RNA-Seq. Genomics, 2020, 112, 2186-2193.	2.9	52
30	Interactions Between Rumen Microbes, VFAs, and Host Genes Regulate Nutrient Absorption and Epithelial Barrier Function During Cold Season Nutritional Stress in Tibetan Sheep. Frontiers in Microbiology, 2020, 11, 593062.	3.5	30
31	Effects of Aging on Expression of Mic60 and OPA1 and Mitochondrial Morphology in Myocardium of Tibetan Sheep. Animals, 2020, 10, 2160.	2.3	2
32	Characterization of the promoter region of bovine ATP5B: roles of MyoD and GATA1 in the regulation of basal transcription. Animal Biotechnology, 2020, , 1-8.	1.5	1
33	Effects of overexpression of ACSL1 gene on the synthesis of unsaturated fatty acids in adipocytes of bovine. Archives of Biochemistry and Biophysics, 2020, 695, 108648.	3.0	27
34	Variation in the Caprine Keratin-Associated Protein 27-1 Gene is Associated with Cashmere Fiber Diameter. Genes, 2020, 11, 934.	2.4	10
35	RNA-Seq Reveals the Expression Profiles of Long Non-Coding RNAs in Lactating Mammary Gland from Two Sheep Breeds with Divergent Milk Phenotype. Animals, 2020, 10, 1565.	2.3	6
36	Comparison of the Transcriptome of the Ovine Mammary Gland in Lactating and Non-lactating Small-Tailed Han Sheep. Frontiers in Genetics, 2020, 11, 472.	2.3	13

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37	Identification of the Ovine Keratin-Associated Protein 2-1 Gene and Its Sequence Variation in Four Chinese Sheep Breeds. Genes, 2020, 11, 604.	2.4	5
38	Characteristics and Functions of the Rumen Microbial Community of Cattle-Yak at Different Ages. BioMed Research International, 2020, 2020, 1-9.	1.9	24
39	Variation in the Lipin 1 Gene Is Associated with Birth Weight and Selected Carcass Traits in New Zealand Romney Sheep. Animals, 2020, 10, 237.	2.3	5
40	Variation in the yak lipin-1 gene and its association with milk traits. Journal of Dairy Research, 2020, 87, 166-169.	1.4	5
41	The Mean Staple Length of Wool Fibre Is Associated with Variation in the Ovine Keratin-Associated Protein 21-2 Gene. Genes, 2020, 11, 148.	2.4	3
42	Comparative Transcriptome Profile Analysis of Longissimus dorsi Muscle Tissues From Two Goat Breeds With Different Meat Production Performance Using RNA-Seq. Frontiers in Genetics, 2020, 11, 619399.	2.3	18
43	Identification of Caprine KRTAP28-1 and Its Effect on Cashmere Fiber Diameter. Genes, 2020, 11, 121.	2.4	6
44	Identification of the Ovine Keratin-Associated Protein 21-1 Gene and Its Association with Variation in Wool Traits. Animals, 2019, 9, 450.	2.3	7
45	Transcriptome Profile Analysis of Mammary Gland Tissue from Two Breeds of Lactating Sheep. Genes, 2019, 10, 781.	2.4	12
46	Characterisation of an Ovine Keratin Associated Protein (KAP) Gene, Which Would Produce a Protein Rich in Glycine and Tyrosine, but Lacking in Cysteine. Genes, 2019, 10, 848.	2.4	17
47	Tissue Expression and Variation of the DGAT2 Gene and Its Effect on Carcass and Meat Quality Traits in Yak. Animals, 2019, 9, 61.	2.3	7
48	Associations between variation in the ovine high glycine-tyrosine keratin-associated protein geneKRTAP20-1and wool traits1. Journal of Animal Science, 2019, 97, 587-595.	0.5	30
49	Variation in the caprine keratin-associated protein 15-1 (KAP15-1) gene affects cashmere fibre diameter. Archives Animal Breeding, 2019, 62, 125-133.	1.4	13
50	Variation in <i>KRTAP6-1</i> affects wool fibre diameter in New Zealand Romney ewes. Archives Animal Breeding, 2019, 62, 509-515.	1.4	9
51	Growth and carcass trait association with variation in the somatostatin receptor 1 (SSTR1) gene in New Zealand Romney sheep. New Zealand Journal of Agricultural Research, 2018, 61, 477-486.	1.6	7
52	Variation in the ovine trichohyalin gene and its association with wool curvature. Small Ruminant Research, 2018, 159, 1-4.	1.2	2
53	A keratin-associated protein (KAP) gene that is associated with variation in cashmere goat fleece weight. Small Ruminant Research, 2018, 167, 104-109.	1.2	18
54	Variation in the ovine MYF5 gene and its effect on carcass lean meat yield in New Zealand Romney sheep. Meat Science, 2017, 131, 146-151.	5.5	7

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55	Identification of the ovine keratin-associated protein 15-1 gene (KRTAP15-1) and genetic variation in its coding sequence. Small Ruminant Research, 2017, 153, 131-136.	1.2	14
56	Identification of the Ovine Keratin-Associated Protein 22-1 (KAP22-1) Gene and Its Effect on Wool Traits. Genes, 2017, 8, 27.	2.4	53
57	Variation in the Ovine KAP6-3 Gene (KRTAP6-3) Is Associated with Variation in Mean Fibre Diameter-Associated Wool Traits. Genes, 2017, 8, 204.	2.4	22
58	Identification of the Ovine Keratin-Associated Protein 26-1 Gene and Its Association with Variation in Wool Traits. Genes, 2017, 8, 225.	2.4	41
59	Identification of the Caprine Keratin-Associated Protein 20-2 (KAP20-2) Gene and Its Effect on Cashmere Traits. Genes, 2017, 8, 328.	2.4	24
60	Wool Keratin-Associated Protein Genes in Sheepâ€”A Review. Genes, 2016, 7, 24.	2.4	87
61	Y chromosomal haplotype characteristics of domestic sheep (Ovis aries) in China. Gene, 2015, 565, 242-245.	2.2	2
62	Haplotyping using a combination of polymerase chain reactionâ€“single-strand conformational polymorphism analysis and haplotype-specific PCR amplification. Analytical Biochemistry, 2014, 466, 59-64.	2.4	6
63	Deep Small RNA Sequencing Reveals Important miRNAs Related to Muscle Development and Intramuscular Fat Deposition in Longissimus dorsi Muscle From Different Goat Breeds. Frontiers in Veterinary Science, 0, 9, .	2.2	7