

Shaobin Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wool Keratin-Associated Protein Genes in Sheep—A Review. <i>Genes</i> , 2016, 7, 24.	1.0	87
2	Identification of the Ovine Keratin-Associated Protein 22-1 (KAP22-1) Gene and Its Effect on Wool Traits. <i>Genes</i> , 2017, 8, 27.	1.0	53
3	Identification and characterization of circular RNA in lactating mammary glands from two breeds of sheep with different milk production profiles using RNA-Seq. <i>Genomics</i> , 2020, 112, 2186-2193.	1.3	52
4	Identification of the Ovine Keratin-Associated Protein 26-1 Gene and Its Association with Variation in Wool Traits. <i>Genes</i> , 2017, 8, 225.	1.0	41
5	Effects of ultrasound pretreatment on the quality, nutrients and volatile compounds of dry-cured yak meat. <i>Ultrasonics Sonochemistry</i> , 2022, 82, 105864.	3.8	32
6	Associations between variation in the ovine high glycine-tyrosine keratin-associated protein gene <i>KRTAP20-1</i> and wool traits. <i>Journal of Animal Science</i> , 2019, 97, 587-595.	0.2	30
7	Interactions Between Rumen Microbes, VFAs, and Host Genes Regulate Nutrient Absorption and Epithelial Barrier Function During Cold Season Nutritional Stress in Tibetan Sheep. <i>Frontiers in Microbiology</i> , 2020, 11, 593062.	1.5	30
8	Effects of overexpression of ACSL1 gene on the synthesis of unsaturated fatty acids in adipocytes of bovine. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108648.	1.4	27
9	Identification of the Caprine Keratin-Associated Protein 20-2 (KAP20-2) Gene and Its Effect on Cashmere Traits. <i>Genes</i> , 2017, 8, 328.	1.0	24
10	Characteristics and Functions of the Rumen Microbial Community of Cattle-Yak at Different Ages. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	24
11	Small RNA deep sequencing reveals the expressions of microRNAs in ovine mammary gland development at peak-lactation and during the non-lactating period. <i>Genomics</i> , 2021, 113, 637-646.	1.3	23
12	Variation in the Ovine KAP6-3 Gene (<i>KRTAP6-3</i>) Is Associated with Variation in Mean Fibre Diameter-Associated Wool Traits. <i>Genes</i> , 2017, 8, 204.	1.0	22
13	Identification and characterization of circular RNAs in mammary gland tissue from sheep at peak lactation and during the nonlactating period. <i>Journal of Dairy Science</i> , 2021, 104, 2396-2409.	1.4	19
14	A keratin-associated protein (KAP) gene that is associated with variation in cashmere goat fleece weight. <i>Small Ruminant Research</i> , 2018, 167, 104-109.	0.6	18
15	Comparative Transcriptome Profile Analysis of Longissimus dorsi Muscle Tissues From Two Goat Breeds With Different Meat Production Performance Using RNA-Seq. <i>Frontiers in Genetics</i> , 2020, 11, 619399.	1.1	18
16	Characterisation of an Ovine Keratin Associated Protein (KAP) Gene, Which Would Produce a Protein Rich in Glycine and Tyrosine, but Lacking in Cysteine. <i>Genes</i> , 2019, 10, 848.	1.0	17
17	Effects of Slaughter Age on Myosin Heavy Chain Isoforms, Muscle Fibers, Fatty Acids, and Meat Quality in Longissimus Thoracis Muscle of Tibetan Sheep. <i>Frontiers in Veterinary Science</i> , 2021, 8, 689589.	0.9	15
18	Identification of the ovine keratin-associated protein 15-1 gene (<i>KRTAP15-1</i>) and genetic variation in its coding sequence. <i>Small Ruminant Research</i> , 2017, 153, 131-136.	0.6	14

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19	Multi-Omics Reveals That the Rumen Transcriptome, Microbiome, and Its Metabolome Co-regulate Cold Season Adaptability of Tibetan Sheep. <i>Frontiers in Microbiology</i> , 2022, 13, 859601.	1.5	14
20	Comparison of the Transcriptome of the Ovine Mammary Gland in Lactating and Non-lactating Small-Tailed Han Sheep. <i>Frontiers in Genetics</i> , 2020, 11, 472.	1.1	13
21	Variation in the caprine keratin-associated protein 15-1 (KAP15-1) gene affects cashmere fibre diameter. <i>Archives Animal Breeding</i> , 2019, 62, 125-133.	0.5	13
22	Transcriptome Profile Analysis of Mammary Gland Tissue from Two Breeds of Lactating Sheep. <i>Genes</i> , 2019, 10, 781.	1.0	12
23	MicroRNA-432 inhibits milk fat synthesis by targeting <i>SCD</i> and <i>LPL</i> in ovine mammary epithelial cells. <i>Food and Function</i> , 2021, 12, 9432-9442.	2.1	11
24	Variation in the Caprine Keratin-Associated Protein 27-1 Gene is Associated with Cashmere Fiber Diameter. <i>Genes</i> , 2020, 11, 934.	1.0	10
25	MicroRNA-200b Regulates the Proliferation and Differentiation of Ovine Preadipocytes by Targeting p27 and KLF9. <i>Animals</i> , 2021, 11, 2417.	1.0	10
26	Effect of glycolysis and heat shock proteins on hypoxia adaptation of Tibetan sheep at different altitude. <i>Gene</i> , 2021, 803, 145893.	1.0	10
27	Variation in <i>KRTAP6-1</i> affects wool fibre diameter in New Zealand Romney ewes. <i>Archives Animal Breeding</i> , 2019, 62, 509-515.	0.5	9
28	The Complexity of the Ovine and Caprine Keratin-Associated Protein Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12838.	1.8	9
29	Rumen Fermentation "Microbiota" Host Gene Expression Interactions to Reveal the Adaptability of Tibetan Sheep in Different Periods. <i>Animals</i> , 2021, 11, 3529.	1.0	9
30	Changes in the Mitochondrial Dynamics and Functions Together with the mRNA/miRNA Network in the Heart Tissue Contribute to Hypoxia Adaptation in Tibetan Sheep. <i>Animals</i> , 2022, 12, 583.	1.0	8
31	Characterization of the circRNA-miRNA-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. <i>Frontiers in Veterinary Science</i> , 2022, 9, 803758.	0.9	8
32	Variation in the ovine MYF5 gene and its effect on carcass lean meat yield in New Zealand Romney sheep. <i>Meat Science</i> , 2017, 131, 146-151.	2.7	7
33	Growth and carcass trait association with variation in the somatostatin receptor 1 (<i>SSTR1</i>) gene in New Zealand Romney sheep. <i>New Zealand Journal of Agricultural Research</i> , 2018, 61, 477-486.	0.9	7
34	Identification of the Ovine Keratin-Associated Protein 21-1 Gene and Its Association with Variation in Wool Traits. <i>Animals</i> , 2019, 9, 450.	1.0	7
35	Tissue Expression and Variation of the DGAT2 Gene and Its Effect on Carcass and Meat Quality Traits in Yak. <i>Animals</i> , 2019, 9, 61.	1.0	7
36	Supplementary feeding of cattle-yak in the cold season alters rumen microbes, volatile fatty acids, and expression of <i>SGLT1</i> in the rumen epithelium. <i>PeerJ</i> , 2021, 9, e11048.	0.9	7

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37	Sex differences in rumen fermentation and microbiota of Tibetan goat. <i>Microbial Cell Factories</i> , 2022, 21, 55.	1.9	7
38	Identification and characterization of circular RNAs in Longissimus dorsi muscle tissue from two goat breeds using RNA-Seq. <i>Molecular Genetics and Genomics</i> , 2022, 297, 817-831.	1.0	7
39	Deep Small RNA Sequencing Reveals Important miRNAs Related to Muscle Development and Intramuscular Fat Deposition in Longissimus dorsi Muscle From Different Goat Breeds. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	7
40	Haplotyping using a combination of polymerase chain reactionâ€“single-strand conformational polymorphism analysis and haplotype-specific PCR amplification. <i>Analytical Biochemistry</i> , 2014, 466, 59-64.	1.1	6
41	RNA-Seq Reveals the Expression Profiles of Long Non-Coding RNAs in Lactating Mammary Gland from Two Sheep Breeds with Divergent Milk Phenotype. <i>Animals</i> , 2020, 10, 1565.	1.0	6
42	Nucleotide Sequence Variation in the Insulin-Like Growth Factor 1 Gene Affects Growth and Carcass Traits in New Zealand Romney Sheep. <i>DNA and Cell Biology</i> , 2021, 40, 265-271.	0.9	6
43	Variation in a Newly Identified Caprine KRTAP Gene Is Associated with Raw Cashmere Fiber Weight in Longdong Cashmere Goats. <i>Genes</i> , 2021, 12, 625.	1.0	6
44	Identification of Caprine KRTAP28-1 and Its Effect on Cashmere Fiber Diameter. <i>Genes</i> , 2020, 11, 121.	1.0	6
45	Identification of the Ovine Keratin-Associated Protein 2-1 Gene and Its Sequence Variation in Four Chinese Sheep Breeds. <i>Genes</i> , 2020, 11, 604.	1.0	5
46	Variation in the Lipin 1 Gene Is Associated with Birth Weight and Selected Carcass Traits in New Zealand Romney Sheep. <i>Animals</i> , 2020, 10, 237.	1.0	5
47	Variation in the yak lipin-1 gene and its association with milk traits. <i>Journal of Dairy Research</i> , 2020, 87, 166-169.	0.7	5
48	Comprehensive Transcriptome Analysis Reveals the Role of lncRNA in Fatty Acid Metabolism in the Longissimus Thoracis Muscle of Tibetan Sheep at Different Ages. <i>Frontiers in Nutrition</i> , 2022, 9, 847077.	1.6	4
49	Variation in caprine KRTAP1-3 and its association with cashmere fibre diameter. <i>Gene</i> , 2022, 823, 146341.	1.0	4
50	Variations in HIF-1 α Contributed to High Altitude Hypoxia Adaptation via Affected Oxygen Metabolism in Tibetan Sheep. <i>Animals</i> , 2022, 12, 58.	1.0	4
51	Interference With ACSL1 Gene in Bovine Adipocytes: Transcriptome Profiling of mRNA and lncRNA Related to Unsaturated Fatty Acid Synthesis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 788316.	0.9	4
52	Physiology and Transcriptomics Analysis Reveal the Contribution of Lungs on High-Altitude Hypoxia Adaptation in Tibetan Sheep. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	4
53	The Mean Staple Length of Wool Fibre Is Associated with Variation in the Ovine Keratin-Associated Protein 21-2 Gene. <i>Genes</i> , 2020, 11, 148.	1.0	3
54	Sequence and haplotypes of ankyrin 1 gene (ANK1) and their association with carcass and meat quality traits in yak. <i>Mammalian Genome</i> , 2021, 32, 104-114.	1.0	3

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55	A highly polymorphic caprine keratin-associated protein gene identified and its effect on cashmere traits. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
56	Y chromosomal haplotype characteristics of domestic sheep (<i>Ovis aries</i>) in China. <i>Gene</i> , 2015, 565, 242-245.	1.0	2
57	Variation in the ovine trichohyalin gene and its association with wool curvature. <i>Small Ruminant Research</i> , 2018, 159, 1-4.	0.6	2
58	Effects of Aging on Expression of Mic60 and OPA1 and Mitochondrial Morphology in Myocardium of Tibetan Sheep. <i>Animals</i> , 2020, 10, 2160.	1.0	2
59	Characterization of the promoter region of bovine ATP5B: roles of MyoD and GATA1 in the regulation of basal transcription. <i>Animal Biotechnology</i> , 2020, , 1-8.	0.7	1
60	Regulating glycolysis and heat shock proteins in Gannan yaks (<i>>Bos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Archives Animal Breeding, 2021, 64, 345-353.	0.5	1
61	Variation in the Ovine Glycogen Synthase Kinase 3 Beta-Interaction Protein Gene (GSKIP) Affects Carcass and Growth Traits in Romney Sheep. <i>Animals</i> , 2021, 11, 2690.	1.0	1
62	Editorial: Sheep and Goat Gene Exploration. <i>Frontiers in Genetics</i> , 2022, 13, 802709.	1.1	1
63	Ovine Toll-like Receptor 9 (TLR9) Gene Variation and Its Association with Flystrike Susceptibility. <i>Animals</i> , 2021, 11, 3549.	1.0	0