

# Xianyong Lan

## List of Publications by Year in descending order

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199  
papers

4,656  
citations

117625

34  
h-index

149698

56  
g-index

203  
all docs

203  
docs citations

203  
times ranked

2768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome resequencing reveals world-wide ancestry and adaptive introgression events of domesticated cattle in East Asia. <i>Nature Communications</i> , 2018, 9, 2337.	12.8	253
2	Circular RNA profiling reveals an abundant circLMO7 that regulates myoblasts differentiation and survival by sponging miR-378a-3p. <i>Cell Death and Disease</i> , 2017, 8, e3153-e3153.	6.3	190
3	Long non-coding RNA ADNCR suppresses adipogenic differentiation by targeting miR-204. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 871-882.	1.9	148
4	circFGFR4 Promotes Differentiation of Myoblasts via Binding miR-107 to Relieve Its Inhibition of Wnt3a. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 272-283.	5.1	142
5	CircFUT10 reduces proliferation and facilitates differentiation of myoblasts by sponging miR-133a. <i>Journal of Cellular Physiology</i> , 2018, 233, 4643-4651.	4.1	137
6	Exosome biogenesis, secretion and function of exosomal miRNAs in skeletal muscle myogenesis. <i>Cell Proliferation</i> , 2020, 53, e12857.	5.3	121
7	The developmental transcriptome sequencing of bovine skeletal muscle reveals a long noncoding RNA, lncMD , promotes muscle differentiation by sponging miR-125b. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2835-2845.	4.1	120
8	Insertion/Deletion Within the KDM6A Gene Is Significantly Associated With Litter Size in Goat. <i>Frontiers in Genetics</i> , 2018, 9, 91.	2.3	112
9	A novel 14â€bp duplicated deletion within goat <i>GHR</i> gene is significantly associated with growth traits and litter size. <i>Animal Genetics</i> , 2017, 48, 499-500.	1.7	84
10	miR-378a-3p promotes differentiation and inhibits proliferation of myoblasts by targeting HDAC4 in skeletal muscle development. <i>RNA Biology</i> , 2016, 13, 1300-1309.	3.1	79
11	Two strongly linked single nucleotide polymorphisms (Q320P and V397I) in GDF9 gene are associated with litter size in cashmere goats. <i>Theriogenology</i> , 2019, 125, 115-121.	2.1	77
12	A novel 12â€bp indel polymorphism within the <i>GDF9</i> gene is significantly associated with litter size and growth traits in goats. <i>Animal Genetics</i> , 2017, 48, 735-736.	1.7	75
13	Analysis of Long Non-Coding RNA and mRNA Expression Profiling in Immature and Mature Bovine (Bos) Tj ETQq1 1 0,784314,rgBT /O	2.3	75
14	Circular RNA SNX29 Sponges miR-744 to Regulate Proliferation and Differentiation of Myoblasts by Activating the Wnt5a/Ca2+ Signaling Pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 481-493.	5.1	74
15	Circular RNA TTN Acts As a miR-432 Sponge to Facilitate Proliferation and Differentiation of Myoblasts via the IGF2/PI3K/AKT Signaling Pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 966-980.	5.1	69
16	Identification and characterization of circular RNAs in Qinchuan cattle testis. <i>Royal Society Open Science</i> , 2018, 5, 180413.	2.4	59
17	Activation of Nrf2 by Phloretin Attenuates Palmitic Acid-Induced Endothelial Cell Oxidative Stress via AMPK-Dependent Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 120-131.	5.2	55
18	circRNA Profiling Reveals an Abundant circFUT10 that Promotes Adipocyte Proliferation and Inhibits Adipocyte Differentiation via Sponging let-7. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 491-501.	5.1	54

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19	Genetic effects of DSCAML1 identified in genome-wide association study revealing strong associations with litter size and semen quality in goat ( <i>Capra hircus</i> ). <i>Theriogenology</i> , 2020, 146, 20-25.	2.1	52
20	Application of mathematical expectation (ME) strategy for detecting low frequency mutations: An example for evaluating 14-bp insertion/deletion (indel) within the bovine <i>PRNP</i> gene. <i>Prion</i> , 2016, 10, 409-419.	1.8	51
21	A novel indel within goat casein alpha S1 gene is significantly associated with litter size. <i>Gene</i> , 2018, 671, 161-169.	2.2	48
22	miR-148a-3p regulates proliferation and apoptosis of bovine muscle cells by targeting KLF6. <i>Journal of Cellular Physiology</i> , 2019, 234, 15742-15750.	4.1	48
23	Goat membrane associated ring-CH-type finger 1 (MARCH1) mRNA expression and association with litter size. <i>Theriogenology</i> , 2019, 128, 8-16.	2.1	47
24	A 14-bp functional deletion within the CMTM2 gene is significantly associated with litter size in goat. <i>Theriogenology</i> , 2019, 139, 49-57.	2.1	46
25	Goat DNMT3B: An indel mutation detection, association analysis with litter size and mRNA expression in gonads. <i>Theriogenology</i> , 2020, 147, 108-115.	2.1	46
26	Identification and Profiling of microRNAs and Their Target Genes from Developing Caprine Skeletal Muscle. <i>PLoS ONE</i> , 2014, 9, e96857.	2.5	44
27	The Circular RNA circHUIWE1 Sponges the miR-29b-AKT3 Axis to Regulate Myoblast Development. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1086-1097.	5.1	44
28	Comparative Transcriptome Profiling of mRNA and lncRNA Related to Tail Adipose Tissues of Sheep. <i>Frontiers in Genetics</i> , 2018, 9, 365.	2.3	43
29	Associations of MYH3 gene copy number variations with transcriptional expression and growth traits in Chinese cattle. <i>Gene</i> , 2014, 535, 106-111.	2.2	41
30	Early-life lead exposure induces long-term toxicity in the central nervous system: From zebrafish larvae to juveniles and adults. <i>Science of the Total Environment</i> , 2022, 804, 150185.	8.0	41
31	Detection of a new 20-bp insertion/deletion (indel) within sheep <i>PRND</i> gene using mathematical expectation (ME) method. <i>Prion</i> , 2017, 11, 143-150.	1.8	40
32	Reduced representation bisulfite sequencing (RRBS) of dairy goat mammary glands reveals DNA methylation profiles of integrated genome-wide and critical milk-related genes. <i>Oncotarget</i> , 2017, 8, 115326-115344.	1.8	39
33	Long Non-coding RNA Profiling Reveals an Abundant MDNCR that Promotes Differentiation of Myoblasts by Sponging miR-133a. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 610-625.	5.1	38
34	Development of a touch-down multiplex PCR method for simultaneously rapidly detecting three novel insertion/deletions (indels) within one gene: an example for goat GHR gene. <i>Animal Biotechnology</i> , 2019, 30, 366-371.	1.5	38
35	Relationship between SNPs of POU1F1 Gene and Litter Size and Growth Traits in Shaanbei White Cashmere Goats. <i>Animals</i> , 2019, 9, 114.	2.3	37
36	Two Insertion/Deletion Variants within SPAG17 Gene Are Associated with Goat Body Measurement Traits. <i>Animals</i> , 2019, 9, 379.	2.3	34

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37	Tetra-primer amplification refractory mutation system PCR (T-ARMS-PCR) rapidly identified a critical missense mutation (P236T) of bovine ACADVL gene affecting growth traits. <i>Gene</i> , 2015, 559, 184-188.	2.2	33
38	CircRILPL1 promotes muscle proliferation and differentiation via binding miR-145 to activate IGF1R/PI3K/AKT pathway. <i>Cell Death and Disease</i> , 2021, 12, 142.	6.3	33
39	Whole-genome sequencing reveals mutational landscape underlying phenotypic differences between two widespread Chinese cattle breeds. <i>PLoS ONE</i> , 2017, 12, e0183921.	2.5	33
40	Characterization of Transcriptional Complexity during Adipose Tissue Development in Bovines of Different Ages and Sexes. <i>PLoS ONE</i> , 2014, 9, e101261.	2.5	32
41	Copy number variations at <i>LEPR</i> gene locus associated with gene expression and phenotypic traits in Chinese cattle. <i>Animal Science Journal</i> , 2016, 87, 336-343.	1.4	32
42	LncRNA <i>MEG3</i> promotes bovine myoblast differentiation by sponging miR-135. <i>Journal of Cellular Physiology</i> , 2019, 234, 18361-18370.	4.1	31
43	MiR-208b regulates cell cycle and promotes skeletal muscle cell proliferation by targeting CDKN1A. <i>Journal of Cellular Physiology</i> , 2019, 234, 3720-3729.	4.1	31
44	miR-483 inhibits bovine myoblast cell proliferation and differentiation via IGF1/PI3K/AKT signal pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 9839-9848.	4.1	30
45	Novel indel variations of the sheep <i>FecB</i> gene and their effects on litter size. <i>Gene</i> , 2021, 767, 145176.	2.2	30
46	Novel Nucleotide Variations, Haplotypes Structure and Associations with Growth Related Traits of Goat AT Motif-Binding Factor (<i>ATBF1</i>) Gene. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 1394-1406.	2.4	30
47	Novel genetic variants associated with mRNA expression of signal transducer and activator of transcription 3(STAT3) gene significantly affected goat growth traits. <i>Small Ruminant Research</i> , 2015, 129, 25-36.	1.2	29
48	Role of bta-miR-204 in the regulation of adipocyte proliferation, differentiation, and apoptosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 11037-11046.	4.1	29
49	One 16-bp insertion/deletion (indel) within the <i>KDM6A</i> gene revealing strong associations with growth traits in goat. <i>Gene</i> , 2019, 686, 16-20.	2.2	29
50	circINSR Promotes Proliferation and Reduces Apoptosis of Embryonic Myoblasts by Sponging miR-34a. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 986-999.	5.1	29
51	Whole-genome sequencing to identify candidate genes for litter size and to uncover the variant function in goats ( <i>Capra hircus</i> ). <i>Genomics</i> , 2021, 113, 142-150.	2.9	28
52	Association study and expression analysis of <i>CYP4A11</i> gene copy number variation in Chinese cattle. <i>Scientific Reports</i> , 2017, 7, 46599.	3.3	27
53	Genetic Effects of Single Nucleotide Polymorphisms in the Goat <i>GDF9</i> Gene on Prolificacy: True or False Positive?. <i>Animals</i> , 2019, 9, 886.	2.3	27
54	Developmental transcriptome profiling of bovine muscle tissue reveals an abundant <i>GosB</i> that regulates myoblast proliferation and apoptosis. <i>Oncotarget</i> , 2017, 8, 32083-32100.	1.8	25

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55	An 11-bp Indel Polymorphism within the CSN1S1 Gene Is Associated with Milk Performance and Body Measurement Traits in Chinese Goats. <i>Animals</i> , 2019, 9, 1114.	2.3	25
56	Tetra-primer ARMS-PCR is an efficient SNP genotyping method: An example from SIRT2. <i>Analytical Methods</i> , 2014, 6, 1835-1840.	2.7	24
57	Insight into m <sup>6</sup> A methylation from occurrence to functions. <i>Open Biology</i> , 2020, 10, 200091.	3.6	24
58	CircINSR Regulates Fetal Bovine Muscle and Fat Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 615638.	3.7	24
59	Developmental exposure to environmental levels of cadmium induces neurotoxicity and activates microglia in zebrafish larvae: From the perspectives of neurobehavior and neuroimaging. <i>Chemosphere</i> , 2022, 291, 132802.	8.2	24
60	A novel PAX7 10-bp indel variant modulates promoter activity, gene expression and contributes to different phenotypes of Chinese cattle. <i>Scientific Reports</i> , 2018, 8, 1724.	3.3	23
61	Genome-wide definition of selective sweeps reveals molecular evidence of trait-driven domestication among elite goat ( <i>Capra</i> species) breeds for the production of dairy, cashmere, and meat. <i>GigaScience</i> , 2018, 7, .	6.4	22
62	Comparative Transcriptome Analysis Reveals Significant Differences in MicroRNA Expression and Their Target Genes between Adipose and Muscular Tissues in Cattle. <i>PLoS ONE</i> , 2014, 9, e102142.	2.5	22
63	A novel 17 bp indel in the <i>SMAD3</i> gene alters transcription level, contributing to phenotypic traits in Chinese cattle. <i>Archives Animal Breeding</i> , 2016, 59, 151-157.	1.4	21
64	A novel missense mutation (L280V) within POU1F1 gene strongly affects litter size and growth traits in goat. <i>Theriogenology</i> , 2019, 135, 198-203.	2.1	20
65	MiR-499 regulates myoblast proliferation and differentiation by targeting transforming growth factor $\beta$ receptor 1. <i>Journal of Cellular Physiology</i> , 2019, 234, 2523-2536.	4.1	20
66	Indel variants within the <i>PRL</i> and <i>GHR</i> genes associated with sheep litter size. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1470-1478.	1.4	20
67	Chlorpyrifos inhibits sperm maturation and induces a decrease in mouse male fertility. <i>Environmental Research</i> , 2020, 188, 109785.	7.5	20
68	The 10-bp duplication insertion/deletion in the promoter region within paired box 7 gene is associated with growth traits in cattle. <i>Archives Animal Breeding</i> , 2016, 59, 469-476.	1.4	20
69	Polymorphisms in BMP-2 gene and their associations with growth traits in goats. <i>Genes and Genomics</i> , 2010, 32, 29-35.	1.4	19
70	Differential expression of FOXO1 during development and myoblast differentiation of Qinchuan cattle and its association analysis with growth traits. <i>Science China Life Sciences</i> , 2018, 61, 826-835.	4.9	19
71	Transcriptome profiling of lncRNA related to fat tissues of Qinchuan cattle. <i>Gene</i> , 2020, 742, 144587.	2.2	19
72	Myostatin (MSTN) Gene Indel Variation and Its Associations with Body Traits in Shaanbei White Cashmere Goat. <i>Animals</i> , 2020, 10, 168.	2.3	19

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73	Genomic analyses reveal distinct genetic architectures and selective pressures in buffaloes. <i>GigaScience</i> , 2020, 9, .	6.4	18
74	A 20-bp insertion/deletion (indel) polymorphism within the <i>CDC25A</i> gene and its associations with growth traits in goat. <i>Archives Animal Breeding</i> , 2019, 62, 353-360.	1.4	18
75	A novel missense (A79V) mutation of goat <i>PROP1</i> gene and its association with production traits. <i>Molecular Biology Reports</i> , 2009, 36, 2069-2073.	2.3	17
76	Discovery of Novel and Differentially Expressed MicroRNAs between Fetal and Adult Backfat in Cattle. <i>PLoS ONE</i> , 2014, 9, e90244.	2.5	17
77	Association analysis of bovine <i>Foxa2</i> gene single sequence variant and haplotype combinations with growth traits in Chinese cattle. <i>Gene</i> , 2014, 536, 385-392.	2.2	17
78	Y-Single Nucleotide Polymorphisms Diversity in Chinese Indigenous Horse. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 1066-1074.	2.4	17
79	Identification of novel alternative splicing transcript and expression analysis of bovine <i>TMEM95</i> gene. <i>Gene</i> , 2016, 575, 531-536.	2.2	16
80	Identification of a Novel Polymorphism in Bovine lncRNA <i>ADNCR</i> Gene and Its Association with Growth Traits. <i>Animal Biotechnology</i> , 2019, 30, 159-165.	1.5	16
81	Goat sperm associated antigen 17 protein gene ( <i>SPAG17</i> ): Small and large fragment genetic variation detection, association analysis, and mRNA expression in gonads. <i>Genomics</i> , 2020, 112, 5115-5121.	2.9	16
82	Detecting novel Indel variants within the <i>GHR</i> gene and their associations with growth traits in Luxi Blackhead sheep. <i>Animal Biotechnology</i> , 2022, 33, 214-222.	1.5	16
83	Identification of bovine <i>NPC1</i> gene cSNPs and their effects on body size traits of Qinchuan cattle. <i>Gene</i> , 2014, 540, 153-160.	2.2	15
84	Nucleotide variants in prion-related protein (testis-specific) gene ( <i>PRNT</i> ) and effects on Chinese and Mongolian sheep phenotypes. <i>Prion</i> , 2018, 12, 185-196.	1.8	15
85	Whole genome analyses revealed genomic difference between European taurine and East Asian taurine. <i>Journal of Animal Breeding and Genetics</i> , 2021, 138, 56-68.	2.0	15
86	Circular RNA <i>circMYL1</i> Inhibit Proliferation and Promote Differentiation of Myoblasts by Sponging <i>miR-2400</i> . <i>Cells</i> , 2021, 10, 176.	4.1	15
87	Associations of six SNPs of <i>POU1F1-PROP1-PITX1-SIX3</i> pathway genes with growth traits in two Chinese indigenous goat breeds. <i>Annals of Animal Science</i> , 2017, 17, 399-411.	1.6	15
88	Detection of Insertions/Deletions Within <i>SIRT1</i> , <i>SIRT2</i> and <i>SIRT3</i> Genes and Their Associations with Body Measurement Traits in Cattle. <i>Biochemical Genetics</i> , 2018, 56, 663-676.	1.7	14
89	Insertion/deletion (InDel) variations in sheep <i>PLAG1</i> gene locating in growth-related major QTL are associated with adult body weight and morphometric traits. <i>Small Ruminant Research</i> , 2019, 178, 63-69.	1.2	14
90	lncRNA <i>IGF2 AS</i> Regulates Bovine Myogenesis through Different Pathways. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 874-884.	5.1	14

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91	C2C12 Mouse Myoblasts Damage Induced by Oxidative Stress Is Alleviated by the Antioxidant Capacity of the Active Substance Phloretin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 541260.	3.7	14
92	Screening of Deletion Variants within the Goat PRDM6 Gene and Its Effects on Growth Traits. <i>Animals</i> , 2020, 10, 208.	2.3	14
93	circSVIL regulates bovine myoblast development by inhibiting STAT1 phosphorylation. <i>Science China Life Sciences</i> , 2022, 65, 376-386.	4.9	14
94	Novel InDel variations of the Cry2 gene are associated with litter size in Australian White sheep. <i>Theriogenology</i> , 2022, 179, 155-161.	2.1	14
95	Polymorphisms of FLII implicate gene expressions and growth traits in Chinese cattle. <i>Molecular and Cellular Probes</i> , 2016, 30, 266-272.	2.1	13
96	Pig Hsd17b3: Alternative splice variants expression, insertion/deletion (indel) in promoter region and their associations with male reproductive traits. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 195, 105483.	2.5	13
97	A Novel SNP in EIF2AK4 Gene Is Associated with Thermal Tolerance Traits in Chinese Cattle. <i>Animals</i> , 2019, 9, 375.	2.3	13
98	Population structure, genetic diversity, and selective signature of Chaka sheep revealed by whole genome sequencing. <i>BMC Genomics</i> , 2020, 21, 520.	2.8	13
99	The mRNA expression profile of the goat prion protein testis-specific (PRNT) gene and its associations with litter size. <i>Theriogenology</i> , 2021, 165, 69-75.	2.1	13
100	Detection of mRNA Expression and Copy Number Variations Within the Goat FecB Gene Associated With Litter Size. <i>Frontiers in Veterinary Science</i> , 2021, 8, 758705.	2.2	13
101	circMEF2D Negatively Regulated by HNRNPA1 Inhibits Proliferation and Differentiation of Myoblasts via miR-486-PI3K/AKT Axis. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8145-8163.	5.2	13
102	Molecular characterization, alternative splicing and expression analysis of bovine DBC1. <i>Gene</i> , 2013, 527, 689-693.	2.2	12
103	Two indel variants of prolactin receptor (<i>PRLR</i>) gene are associated with growth traits in goat. <i>Animal Biotechnology</i> , 2020, 31, 314-323.	1.5	12
104	Detection of insertions/deletions (InDels) within the goat <i>Runx2</i> gene and their association with litter size and growth traits. <i>Animal Biotechnology</i> , 2021, 32, 169-177.	1.5	12
105	Multiple morphological abnormalities of the sperm flagella (MMAF)-associated genes: The relationships between genetic variation and litter size in goats. <i>Gene</i> , 2020, 753, 144778.	2.2	12
106	Novel alternative splice variants of NFIX and their diverse mRNA expression patterns in dairy goat. <i>Gene</i> , 2015, 569, 250-258.	2.2	11
107	Relationship between genetic variants of POU1F1 , PROP1 , IGFBP3 genes and milk performance in Guanzhong dairy goats. <i>Small Ruminant Research</i> , 2016, 140, 40-45.	1.2	11
108	Genome-Wide SNPs and InDels Characteristics of Three Chinese Cattle Breeds. <i>Animals</i> , 2019, 9, 596.	2.3	11

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109	A deletion mutation within the <i>ATBF1</i> gene is strongly associated with goat litter size. <i>Animal Biotechnology</i> , 2020, 31, 174-180.	1.5	11
110	Polymorphic variants of bovine <i>ADCY5</i> gene identified in GWAS analysis were significantly associated with ovarian morphological related traits. <i>Gene</i> , 2021, 766, 145158.	2.2	11
111	MicroRNA bta-miR-365-3p inhibits proliferation but promotes differentiation of primary bovine myoblasts by targeting the activin A receptor type I. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 16.	5.3	11
112	A novel lncRNA <i>BADLNCR1</i> inhibits bovine adipogenesis by repressing <i>GLRX5</i> expression. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7175-7186.	3.6	11
113	Effects of genetic variability of the carpine homeobox transcription factor <i>HESX1</i> gene on performance traits. <i>Molecular Biology Reports</i> , 2010, 37, 441-449.	2.3	10
114	Haplotype combination of the bovine <i>CFL2</i> gene sequence variants and association with growth traits in Qinchuan cattle. <i>Gene</i> , 2015, 563, 136-141.	2.2	10
115	miR-2478 inhibits <i>TGF<math>\beta</math>21</i> expression by targeting the transcriptional activation region downstream of the <i>TGF<math>\beta</math>21</i> promoter in dairy goats. <i>Scientific Reports</i> , 2017, 7, 42627.	3.3	10
116	Overexpression of <i>DEC1</i> inhibits myogenic differentiation by modulating <i>MyoG</i> activity in bovine satellite cell. <i>Journal of Cellular Physiology</i> , 2018, 233, 9365-9374.	4.1	10
117	Bovine pituitary homeobox 2 ( <i>PITX2</i> ): mRNA expression profiles of different alternatively spliced variants and association analyses with growth traits. <i>Gene</i> , 2018, 669, 1-7.	2.2	10
118	Sheep zinc finger proteins 395 ( <i>ZNF395</i> ): insertion/deletion variations, associations with growth traits, and mRNA expression. <i>Animal Biotechnology</i> , 2020, 31, 237-244.	1.5	10
119	An insertion/deletion within the <i>CREB1</i> gene identified using the RNA-sequencing is associated with sheep body morphometric traits. <i>Gene</i> , 2021, 775, 145444.	2.2	10
120	Indel mutations within the bovine <i>HSD17B3</i> gene are significantly associated with ovary morphological traits and mature follicle number. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 209, 105833.	2.5	10
121	Survey of the relationship between polymorphisms within the <i>BMPR1B</i> gene and sheep reproductive traits. <i>Animal Biotechnology</i> , 2023, 34, 718-727.	1.5	10
122	Analysis of genetic variability at codon 42 within caprine prion protein gene in relation to production traits in Chinese domestic breeds. <i>Molecular Biology Reports</i> , 2012, 39, 4981-4988.	2.3	9
123	Copy number variation of bovine <i>SHH</i> gene is associated with body conformation traits in Chinese beef cattle. <i>Journal of Applied Genetics</i> , 2019, 60, 199-207.	1.9	9
124	Detection of InDel and CNV of <i>SPAG17</i> gene and their associations with bovine growth traits. <i>Animal Biotechnology</i> , 2022, 33, 440-447.	1.5	9
125	Characterization and Transcriptome Analysis of Exosomal and Nonexosomal RNAs in Bovine Adipocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9313.	4.1	9
126	Integrating Genome-Wide CNVs Into QTLs and High Confidence GWAScore Regions Identified Positional Candidates for Sheep Economic Traits. <i>Frontiers in Genetics</i> , 2020, 11, 569.	2.3	9



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127	Genetic variations of bovine PCOS-related DENND1A gene identified in GWAS significantly affect female reproductive traits. <i>Gene</i> , 2021, 802, 145867.	2.2	9
128	Relationship between an indel mutation within the SIRT4 gene and growth traits in Chinese cattle. <i>Animal Biotechnology</i> , 2019, 30, 352-357.	1.5	8
129	Transcriptomic changes in bovine skeletal muscle cells after resveratrol treatment. <i>Gene</i> , 2020, 754, 144849.	2.2	8
130	A 5-bp mutation within MSTN/GDF8 gene was significantly associated with growth traits in Inner Mongolia White Cashmere goats. <i>Animal Biotechnology</i> , 2020, 32, 1-6.	1.5	8
131	Indel mutations of sheep <i>PLAG1</i> gene and their associations with growth traits. <i>Animal Biotechnology</i> , 2022, 33, 1459-1465.	1.5	8
132	Goat AKAP12: Indel Mutation Detection, Association Analysis With Litter Size and Alternative Splicing Variant Expression. <i>Frontiers in Genetics</i> , 2021, 12, 648256.	2.3	8
133	Detection of 15-bp Deletion Mutation within PLAG1 Gene and Its Effects on Growth Traits in Goats. <i>Animals</i> , 2021, 11, 2064.	2.3	8
134	Insertion/deletion variants within the IGF2BP2 gene identified in reported genome-wide selective sweep analysis reveal a correlation with goat litter size. <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 757-766.	2.8	8
135	Association analysis of KMT2D copy number variation as a positional candidate for growth traits. <i>Gene</i> , 2020, 753, 144799.	2.2	8
136	Exploring insertions and deletions (indels) of <i>MSRB3</i> gene and their association with growth traits in four Chinese indigenous cattle breeds. <i>Archives Animal Breeding</i> , 2019, 62, 465-475.	1.4	8
137	Comparative Enhancer Map of Cattle Muscle Genome Annotated by ATAC-Seq. <i>Frontiers in Veterinary Science</i> , 2021, 8, 782409.	2.2	8
138	The polymorphisms of bovine PCSK1 gene and their associations with growth traits. <i>Genes and Genomics</i> , 2011, 33, 57-63.	1.4	7
139	Micro-Ribonucleic Acid-216a Regulates Bovine Primary Muscle Cells Proliferation and Differentiation via Targeting SMAD Nuclear Interacting Protein-1 and Smad7. <i>Frontiers in Genetics</i> , 2019, 10, 1112.	2.3	7
140	Identification and characterization of male reproduction-related genes in pig ( <i>Sus scrofa</i> ) using transcriptome analysis. <i>BMC Genomics</i> , 2020, 21, 381.	2.8	7
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