Xianyong Lan

List of Publications by Year in descending order

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Version: 2024-02-01

199	4,656	117625	149698
papers	citations	34 h-index	56 g-index

203	203	203	2768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A deletion mutation within the goat AKAP13 gene is significantly associated with litter size. Animal Biotechnology, 2023, 34, 350-356.	1.5	4
2	Survey of the relationship between polymorphisms within the BMPR1B gene and sheep reproductive traits. Animal Biotechnology, 2023, 34, 718-727.	1.5	10
3	Copy number variations of the KAT6A gene are associated with body measurements of Chinese sheep breeds. Animal Biotechnology, 2023, 34, 947-954.	1.5	2
4	Screen of small fragment mutations within the sheep thyroid stimulating hormone receptor gene associated with litter size. Animal Biotechnology, 2023, 34, 658-663.	1.5	4
5	Investigation on mRNA expression and genetic variation within goat SMAD2 gene and its association with litter size. Animal Biotechnology, 2023, 34, 2111-2119.	1.5	3
6	Insertion/deletion (Indel) variant of the goat RORA gene is associated with growth traits. Animal Biotechnology, 2023, 34, 2175-2182.	1.5	1
7	Relationships between novel nucleotide variants within the colony-stimulating factor 1 receptor (CSF1R) gene and mastitis indicators in sheep. Animal Biotechnology, 2022, 33, 731-738.	1.5	3
8	Detection of InDel and CNV of SPAG17 gene and their associations with bovine growth traits. Animal Biotechnology, 2022, 33, 440-447.	1.5	9
9	Copy number variations of TOP2B gene are associated with growth traits in Chinese sheep breeds. Animal Biotechnology, 2022, 33, 85-89.	1.5	4
10	Detecting novel Indel variants within the GHR gene and their associations with growth traits in Luxi Blackhead sheep. Animal Biotechnology, 2022, 33, 214-222.	1.5	16
11	Indel mutations of sheep PLAG1 gene and their associations with growth traits. Animal Biotechnology, 2022, 33, 1459-1465.	1.5	8
12	circSVIL regulates bovine myoblast development by inhibiting STAT1 phosphorylation. Science China Life Sciences, 2022, 65, 376-386.	4.9	14
13	A 7-nt nucleotide sequence variant within the sheep KDM3B gene affects female reproduction traits. Animal Biotechnology, 2022, 33, 1661-1667.	1.5	3
14	Early-life lead exposure induces long-term toxicity in the central nervous system: From zebrafish larvae to juveniles and adults. Science of the Total Environment, 2022, 804, 150185.	8.0	41
15	Developmental exposure to environmental levels of cadmium induces neurotoxicity and activates microglia in zebrafish larvae: From the perspectives of neurobehavior and neuroimaging. Chemosphere, 2022, 291, 132802.	8.2	24
16	Novel InDel variations of the Cry2 gene are associated with litter size in Australian White sheep. Theriogenology, 2022, 179, 155-161.	2.1	14
17	Distribution of Copy Number Variation in SYT11 Gene and Its Association with Growth Conformation Traits in Chinese Cattle. Biology, 2022, 11, 223.	2.8	2
18	Investigation of Copy Number Variations (CNVs) of the Goat PPP3CA Gene and Their Effect on Litter Size and Semen Quality. Animals, 2022, 12, 445.	2.3	5

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19	Genetic polymorphisms within the ETAA1 gene associated with growth traits in Chinese sheep breeds. Animal Genetics, 2022, 53, 460-465.	1.7	3
20	Circular RNA ACTA1 Acts as a Sponge for miR-199a-5p and miR-433 to Regulate Bovine Myoblast Development through the MAP3K11/MAP2K7/JNK Pathway. Journal of Agricultural and Food Chemistry, 2022, 70, 3357-3373.	5.2	6
21	Two Different Copy Number Variations of the CLCN2 Gene in Chinese Cattle and Their Association with Growth Traits. Animals, 2022, 12, 41.	2.3	4
22	Genetic Variations and mRNA Expression of Goat DNAH1 and Their Associations with Litter Size. Cells, 2022, 11, 1371.	4.1	6
23	Insertion/deletions within the bovine FoxO1 gene and their association analysis with growth traits in three Chinese cattle breeds. Animal Biotechnology, 2022, , 1-8.	1.5	0
24	CircRNA Profiling Reveals CircPPARÎ³ Modulates Adipogenic Differentiation via Sponging miR-92a-3p. Journal of Agricultural and Food Chemistry, 2022, 70, 6698-6708.	5.2	7
25	Newly reported 90-bp deletion within the ovine BMPRIB gene: Does it widely distribute, link to the famous FecB (p.Q249R) mutation, and affect litter size?. Theriogenology, 2022, 189, 222-229.	2.1	4
26	circMEF2D Negatively Regulated by HNRNPA1 Inhibits Proliferation and Differentiation of Myoblasts via miR-486-PI3K/AKT Axis. Journal of Agricultural and Food Chemistry, 2022, 70, 8145-8163.	5.2	13
27	Genetic Variations within the Bovine CRY2 Gene Are Significantly Associated with Carcass Traits. Animals, 2022, 12, 1616.	2.3	5
28	A novel 23â€‰bp indel mutation in PRL gene is associated with growth traits in Luxi Blackhead sheep. Animal Biotechnology, 2021, 32, 740-747.	1.5	4
29	Whole genome analyses revealed genomic difference between European taurine and East Asian taurine. Journal of Animal Breeding and Genetics, 2021, 138, 56-68.	2.0	15
30	Polymorphic variants of bovine ADCY5 gene identified in GWAS analysis were significantly associated with ovarian morphological related traits. Gene, 2021, 766, 145158.	2.2	11
31	Novel indel variations of the sheep FecB gene and their effects on litter size. Gene, 2021, 767, 145176.	2.2	30
32	Whole-genome sequencing to identify candidate genes for litter size and to uncover the variant function in goats (Capra hircus). Genomics, 2021, 113, 142-150.	2.9	28
33	Detection of insertions/deletions (InDels) within the goat Runx2 gene and their association with litter size and growth traits. Animal Biotechnology, 2021, 32, 169-177.	1.5	12
34	Deletion mutation within the goat PPP3CA gene identified by GWAS significantly affects litter size. Reproduction, Fertility and Development, 2021, 33, 476.	0.4	6
35	MicroRNA bta-miR-365-3p inhibits proliferation but promotes differentiation of primary bovine myoblasts by targeting the activin A receptor type I. Journal of Animal Science and Biotechnology, 2021, 12, 16.	5.3	11
36	CircRILPL1 promotes muscle proliferation and differentiation via binding miR-145 to activate IGF1R/PI3K/AKT pathway. Cell Death and Disease, 2021, 12, 142.	6.3	33

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37	A 67-bp variable duplication in the promoter region of the ADIPOQ is associated with milk traits in Xinjiang brown cattle. Animal Biotechnology, 2021, , 1-9.	1.5	1
38	An insertion/deletion within the CREB1 gene identified using the RNA-sequencing is associated with sheep body morphometric traits. Gene, 2021, 775, 145444.	2.2	10
39	The mRNA expression profile of the goat prion protein testis-specific (PRNT) gene and its associations with litter size. Theriogenology, 2021, 165, 69-75.	2.1	13
40	Fertility-Associated Polymorphism within Bovine ITGÎ²5 and Its Significant Correlations with Ovarian and Luteal Traits. Animals, 2021, 11, 1579.	2.3	2
41	Indel mutations within the bovine HSD17B3 gene are significantly associated with ovary morphological traits and mature follicle number. Journal of Steroid Biochemistry and Molecular Biology, 2021, 209, 105833.	2.5	10
42	Goat AKAP12: Indel Mutation Detection, Association Analysis With Litter Size and Alternative Splicing Variant Expression. Frontiers in Genetics, 2021, 12, 648256.	2.3	8
43	Insights into genetic variants within sheep IGF2BP1 and their association with litter size. Small Ruminant Research, 2021, 198, 106350.	1.2	3
44	Exploration of Genetic Variants within the Goat A-Kinase Anchoring Protein 12 (AKAP12) Gene and Their Effects on Growth Traits. Animals, 2021, 11, 2090.	2.3	5
45	Detection of 15-bp Deletion Mutation within PLAG1 Gene and Its Effects on Growth Traits in Goats. Animals, 2021, 11, 2064.	2.3	8
46	Investigation of Genetic Effects of Nucleotide Variants Within the Goat PRNT Gene on Growth Performance. Animal Biotechnology, 2021, , 1-6.	1.5	1
47	A novel 4-bp insertion within the goat CFAP43 gene and its association with litter size. Small Ruminant Research, 2021, 202, 106456.	1.2	3
48	Insertion/deletion variants within the IGF2BP2 gene identified in reported genome-wide selective sweep analysis reveal a correlation with goat litter size. Journal of Zhejiang University: Science B, 2021, 22, 757-766.	2.8	8
49	Palliative effects of metformin on testicular damage induced by triptolide in male rats. Ecotoxicology and Environmental Safety, 2021, 222, 112536.	6.0	6
50	Genetic variations of bovine PCOS-related DENND1A gene identified in GWAS significantly affect female reproductive traits. Gene, 2021, 802, 145867.	2.2	9
51	Circular RNA circMYL1 Inhibit Proliferation and Promote Differentiation of Myoblasts by Sponging miR-2400. Cells, 2021, 10, 176.	4.1	15
52	Novel copy number variation of the BAG4 gene is associated with growth traits in three Chinese sheep populations. Animal Biotechnology, 2021, 32, 461-469.	1.5	7
53	Detection of mRNA Expression and Copy Number Variations Within the Goat FecB Gene Associated With Litter Size. Frontiers in Veterinary Science, 2021, 8, 758705.	2.2	13
54	Distribution of DGAT1 copy number variation in Chinese goats and its associations with milk production traits. Animal Biotechnology, 2021, , 1-6.	1.5	3

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55	A novel 28-bp indel inIGF1Rgene associated with growth traits across four Chinese cattle breeds. Journal of Agricultural Science, 2021, 159, 762-768.	1.3	1
56	Comparative Enhancer Map of Cattle Muscle Genome Annotated by ATAC-Seq. Frontiers in Veterinary Science, 2021, 8, 782409.	2.2	8
57	A deletion mutation within the ATBF1 gene is strongly associated with goat litter size. Animal Biotechnology, 2020, 31, 174-180.	1.5	11
58	Detection of polled intersex syndrome (PIS) and its effect on phenotypic traits in goats. Animal Biotechnology, 2020, 31, 561-565.	1.5	3
59	Two indel variants of prolactin receptor (PRLR) gene are associated with growth traits in goat. Animal Biotechnology, 2020, 31, 314-323.	1.5	12
60	Sheep zinc finger proteins 395 (ZNF395): insertion/deletion variations, associations with growth traits, and mRNA expression. Animal Biotechnology, 2020, 31, 237-244.	1.5	10
61	lncRNA IGF2 AS Regulates Bovine Myogenesis through Different Pathways. Molecular Therapy - Nucleic Acids, 2020, 21, 874-884.	5.1	14
62	Indel variants within the PRL and GHR genes associated with sheep litter size. Reproduction in Domestic Animals, 2020, 55, 1470-1478.	1.4	20
63	Population structure, genetic diversity, and selective signature of Chaka sheep revealed by whole genome sequencing. BMC Genomics, 2020, 21, 520.	2.8	13
64	A 17-bp InDel (rs668420586) within goat CHCHD7 gene located in growth-related QTL affecting body measurement traits. 3 Biotech, 2020, 10, 441.	2.2	4
65	Goat sperm associated antigen 17 protein gene (SPAG17): Small and large fragment genetic variation detection, association analysis, and mRNA expression in gonads. Genomics, 2020, 112, 5115-5121.	2.9	16
66	Insight into m ⁶ A methylation from occurrence to functions. Open Biology, 2020, 10, 200091.	3.6	24
67	C2C12 Mouse Myoblasts Damage Induced by Oxidative Stress Is Alleviated by the Antioxidant Capacity of the Active Substance Phloretin. Frontiers in Cell and Developmental Biology, 2020, 8, 541260.	3.7	14
68	Characterization and Transcriptome Analysis of Exosomal and Nonexosomal RNAs in Bovine Adipocytes. International Journal of Molecular Sciences, 2020, 21, 9313.	4.1	9
69	Identification and characterization of male reproduction-related genes in pig (Sus scrofa) using transcriptome analysis. BMC Genomics, 2020, 21, 381.	2.8	7
70	Insight into the Possible Formation Mechanism of the Intersex Phenotype of Lanzhou Fat-Tailed Sheep Using Whole-Genome Resequencing. Animals, 2020, 10, 944.	2.3	6
71	Integrating Genome-Wide CNVs Into QTLs and High Confidence GWAScore Regions Identified Positional Candidates for Sheep Economic Traits. Frontiers in Genetics, 2020, 11, 569.	2.3	9
72	Two Novel Rare Strongly Linked Missense SNPs (P27R and A85G) Within the GDF9 Gene Were Significantly Associated With Litter Size in Shaanbei White Cashmere (SBWC) Goats. Frontiers in Veterinary Science, 2020, 7, 406.	2.2	6

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73	Transcriptomic changes in bovine skeletal muscle cells after resveratrol treatment. Gene, 2020, 754, 144849.	2.2	8
74	A 5-bp mutation withinMSTN/GDF8gene was significantly associated with growth traits in Inner Mongolia White Cashmere goats. Animal Biotechnology, 2020, 32, 1-6.	1.5	8
75	Expression profiles of the MXD3 gene and association of sequence variants with growth traits in Xianan and Qinchuan cattle. Veterinary Medicine and Science, 2020, 6, 399-409.	1.6	7
76	Transcriptome profiling of lncRNA related to fat tissues of Qinchuan cattle. Gene, 2020, 742, 144587.	2.2	19
77	miR-205 Expression Elevated With EDS Treatment and Induced Leydig Cell Apoptosis by Targeting RAP2B via the PI3K/AKT Signaling Pathway. Frontiers in Cell and Developmental Biology, 2020, 8, 448.	3.7	4
78	circRNA Profiling Reveals an Abundant circFUT10 that Promotes Adipocyte Proliferation and Inhibits Adipocyte Differentiation via Sponging let-7. Molecular Therapy - Nucleic Acids, 2020, 20, 491-501.	5.1	54
79	Exosome biogenesis, secretion and function of exosomal miRNAs in skeletal muscle myogenesis. Cell Proliferation, 2020, 53, e12857.	5.3	121
80	Chlorpyrifos inhibits sperm maturation and induces a decrease in mouse male fertility. Environmental Research, 2020, 188, 109785.	7.5	20
81	Myostatin (MSTN) Gene Indel Variation and Its Associations with Body Traits in Shaanbei White Cashmere Goat. Animals, 2020, 10, 168.	2.3	19
82	Detection of rs665862918 (15-bp Indel) of the HIAT1 Gene and its Strong Genetic Effects on Growth Traits in Goats. Animals, 2020, 10, 358.	2.3	7
83	Goat DNMT3B: An indel mutation detection, association analysis with litter size and mRNA expression in gonads. Theriogenology, 2020, 147, 108-115.	2.1	46
84	Genomic analyses reveal distinct genetic architectures and selective pressures in buffaloes. GigaScience, 2020, 9, .	6.4	18
85	Goat CMTM2: mRNA expression profiles of different alternative spliced variants and associations analyses with growth traits. 3 Biotech, 2020, 10, 131.	2.2	6
86	Screening of Deletion Variants within the Goat PRDM6 Gene and Its Effects on Growth Traits. Animals, 2020, 10, 208.	2.3	14
87	Genetic effects of DSCAML1 identified in genome-wide association study revealing strong associations with litter size and semen quality in goat (Capra hircus). Theriogenology, 2020, 146, 20-25.	2.1	52
88	circINSR Promotes Proliferation and Reduces Apoptosis of Embryonic Myoblasts by Sponging miR-34a. Molecular Therapy - Nucleic Acids, 2020, 19, 986-999.	5.1	29
89	Copy Number Variations and Expression Levels of Guanylate-Binding Protein 6 Gene Associated with Growth Traits of Chinese Cattle. Animals, 2020, 10, 566.	2.3	3
90	CircINSR Regulates Fetal Bovine Muscle and Fat Development. Frontiers in Cell and Developmental Biology, 2020, 8, 615638.	3.7	24

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91	Multiple morphological abnormalities of the sperm flagella (MMAF)-associated genes: The relationships between genetic variation and litter size in goats. Gene, 2020, 753, 144778.	2.2	12
92	Association analysis of KMT2D copy number variation as a positional candidate for growth traits. Gene, 2020, 753, 144799.	2.2	8
93	The Circular RNA circHUWE1 Sponges the miR-29b-AKT3 Axis to Regulate Myoblast Development. Molecular Therapy - Nucleic Acids, 2020, 19, 1086-1097.	5.1	44
94	A novel lncRNA BADLNCR1 inhibits bovine adipogenesis by repressing GLRX5 expression. Journal of Cellular and Molecular Medicine, 2020, 24, 7175-7186.	3.6	11
95	Determination of genetic variation within the <i>DYRK2</i> gene and its associations with milk traits in cattle. Archives Animal Breeding, 2020, 63, 315-323.	1.4	3
96	A 14-bp functional deletion within the CMTM2 gene is significantly associated with litter size in goat. Theriogenology, 2019, 139, 49-57.	2.1	46
97	Detection of Bovine TMEM95 p.Cys161X Mutation in 13 Chinese Indigenous Cattle Breeds. Animals, 2019, 9, 444.	2.3	6
98	Two Insertion/Deletion Variants within SPAG17 Gene Are Associated with Goat Body Measurement Traits. Animals, 2019, 9, 379.	2.3	34
99	lnc9141-a and -b Play a Different Role in Bovine Myoblast Proliferation, Apoptosis, and Differentiation. Molecular Therapy - Nucleic Acids, 2019, 18, 554-566.	5.1	2
100	Genetic Effects of Single Nucleotide Polymorphisms in the Goat GDF9 Gene on Prolificacy: True or False Positive?. Animals, 2019, 9, 886.	2.3	27
101	Pig Hsd17b3: Alternative splice variants expression, insertion/deletion (indel) in promoter region and their associations with male reproductive traits. Journal of Steroid Biochemistry and Molecular Biology, 2019, 195, 105483.	2.5	13
102	Genome-Wide SNPs and InDels Characteristics of Three Chinese Cattle Breeds. Animals, 2019, 9, 596.	2.3	11
103	Insertion/deletion (InDel) variations in sheep PLAG1 gene locating in growth-related major QTL are associated with adult body weight and morphometric traits. Small Ruminant Research, 2019, 178, 63-69.	1.2	14
104	Relationship between an indel mutation within the SIRT4 gene and growth traits in Chinese cattle. Animal Biotechnology, 2019, 30, 352-357.	1.5	8
105	Role of btaâ€miRâ€204 in the regulation of adipocyte proliferation, differentiation, and apoptosis. Journal of Cellular Physiology, 2019, 234, 11037-11046.	4.1	29
106	Goat membrane associated ring-CH-type finger 1 (MARCH1) mRNA expression and association with litter size. Theriogenology, 2019, 128, 8-16.	2.1	47
107	Analysis of Long Non-Coding RNA and mRNA Expression Profiling in Immature and Mature Bovine (Bos) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	75
108	A Novel SNP in EIF2AK4 Gene Is Associated with Thermal Tolerance Traits in Chinese Cattle. Animals, 2019, 9, 375.	2.3	13

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109	A novel missense mutation (L280V) within POU1F1 gene strongly affects litter size and growth traits in goat. Theriogenology, 2019, 135, 198-203.	2.1	20
110	Intron retention as an alternative splice variant of the cattle ANGPTL6 gene. Gene, 2019, 709, 17-24.	2.2	6
111	Copy number variation of bovine SHH gene is associated with body conformation traits in Chinese beef cattle. Journal of Applied Genetics, 2019, 60, 199-207.	1.9	9
112	Circular RNA SNX29 Sponges miR-744 to Regulate Proliferation and Differentiation of Myoblasts by Activating the Wnt5a/Ca2+ Signaling Pathway. Molecular Therapy - Nucleic Acids, 2019, 16, 481-493.	5.1	74
113	LncRNAâ€MEG3 promotes bovine myoblast differentiation by sponging miRâ€135. Journal of Cellular Physiology, 2019, 234, 18361-18370.	4.1	31
114	Relationship between SNPs of POU1F1 Gene and Litter Size and Growth Traits in Shaanbei White Cashmere Goats. Animals, 2019, 9, 114.	2.3	37
115	miRâ€148aâ€3p regulates proliferation and apoptosis of bovine muscle cells by targeting KLF6. Journal of Cellular Physiology, 2019, 234, 15742-15750.	4.1	48
116	Polymorphisms within the Boule Gene Detected by Tetra-Primer Amplification Refractory Mutation System PCR (T-ARMS-PCR) are Significantly Associated with Goat Litter Size. Animals, 2019, 9, 910.	2.3	3
117	An 11-bp Indel Polymorphism within the CSN1S1 Gene Is Associated with Milk Performance and Body Measurement Traits in Chinese Goats. Animals, 2019, 9, 1114.	2.3	25
118	Circular RNA TTN Acts As a miR-432 Sponge to Facilitate Proliferation and Differentiation of Myoblasts via the IGF2/PI3K/AKT Signaling Pathway. Molecular Therapy - Nucleic Acids, 2019, 18, 966-980.	5.1	69
119	Micro-Ribonucleic Acid-216a Regulates Bovine Primary Muscle Cells Proliferation and Differentiation via Targeting SMAD Nuclear Interacting Protein-1 and Smad7. Frontiers in Genetics, 2019, 10, 1112.	2.3	7
120	MiRâ€499 regulates myoblast proliferation and differentiation by targeting transforming growth factor Î² receptor 1. Journal of Cellular Physiology, 2019, 234, 2523-2536.	4.1	20
121	One 16â€bp insertion/deletion (indel) within the KDM6A gene revealing strong associations with growth traits in goat. Gene, 2019, 686, 16-20.	2.2	29
122	miRâ€483 inhibits bovine myoblast cell proliferation and differentiation via IGF1/PI3K/AKT signal pathway. Journal of Cellular Physiology, 2019, 234, 9839-9848.	4.1	30
123	Two strongly linked single nucleotide polymorphisms (Q320P and V397I) in GDF9 gene are associated with litter size in cashmere goats. Theriogenology, 2019, 125, 115-121.	2.1	77
124	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. Animal Biotechnology, 2019, 30, 366-371.	1.5	38
125	MiRâ€208b regulates cell cycle and promotes skeletal muscle cell proliferation by targeting CDKN1A. Journal of Cellular Physiology, 2019, 234, 3720-3729.	4.1	31
126	Activation of Nrf2 by Phloretin Attenuates Palmitic Acid-Induced Endothelial Cell Oxidative Stress via AMPK-Dependent Signaling. Journal of Agricultural and Food Chemistry, 2019, 67, 120-131.	5.2	55

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127	Identification of a Novel Polymorphism in Bovine lncRNA ADNCR Gene and Its Association with Growth Traits. Animal Biotechnology, 2019, 30, 159-165.	1.5	16
128	A 20-bp insertion/deletion (indel) polymorphism within the <i>CDC25A</i> gene and its associations with growth traits in goat. Archives Animal Breeding, 2019, 62, 353-360.	1.4	18
129	Exploring insertions and deletions (indels) of <i>MSRB3</i> gene and their association with growth traits in four Chinese indigenous cattle breeds. Archives Animal Breeding, 2019, 62, 465-475.	1.4	8
130	Associations of <i>ORMDL1</i> gene copy number variations with growth traits in four Chinese sheep breeds. Archives Animal Breeding, 2019, 62, 571-578.	1.4	6
131	Differential expression of FOXO1 during development and myoblast differentiation of Qinchuan cattle and its association analysis with growth traits. Science China Life Sciences, 2018, 61, 826-835.	4.9	19
132	A novel PAX7 10-bp indel variant modulates promoter activity, gene expression and contributes to different phenotypes of Chinese cattle. Scientific Reports, 2018, 8, 1724.	3.3	23
133	Overâ€expression of DEC1 inhibits myogenic differentiation by modulating MyoG activity in bovine satellite cell. Journal of Cellular Physiology, 2018, 233, 9365-9374.	4.1	10
134	Nucleotide variants in prion-related protein (testis-specific) gene (PRNT) and effects on Chinese and Mongolian sheep phenotypes. Prion, 2018, 12, 185-196.	1.8	15
135	circFGFR4 Promotes Differentiation of Myoblasts via Binding miR-107 to Relieve Its Inhibition of Wnt3a. Molecular Therapy - Nucleic Acids, 2018, 11, 272-283.	5.1	142
136	CircFUT10 reduces proliferation and facilitates differentiation of myoblasts by sponging miRâ€133a. Journal of Cellular Physiology, 2018, 233, 4643-4651.	4.1	137
137	The evaluation of 23-bp and 12-bp insertion/deletion within the PRNP gene and their effects on growth traits in healthy Chinese native cattle breeds. Journal of Applied Animal Research, 2018, 46, 505-511.	1.2	6
138	Yâ€chromosome haplotype analysis revealing multiple paternal origins in swamp buffaloes of China and Southeast Asia. Journal of Animal Breeding and Genetics, 2018, 135, 442-449.	2.0	3
139	Comparative Transcriptome Profiling of mRNA and lncRNA Related to Tail Adipose Tissues of Sheep. Frontiers in Genetics, 2018, 9, 365.	2.3	43
140	Genome-wide definition of selective sweeps reveals molecular evidence of trait-driven domestication among elite goat (Capra species) breeds for the production of dairy, cashmere, and meat. GigaScience, 2018, 7, .	6.4	22
141	Bovine pituitary homeobox 2 (PITX2): mRNA expression profiles of different alternatively spliced variants and association analyses with growth traits. Gene, 2018, 669, 1-7.	2.2	10
142	Goat Boule: Isoforms identification, mRNA expression in testis and functional study and promoter methylation profiles. Theriogenology, 2018, 116, 53-63.	2.1	5
143	Identification and characterization of circular RNAs in Qinchuan cattle testis. Royal Society Open Science, 2018, 5, 180413.	2.4	59
144	Insertion/Deletion Within the KDM6A Gene Is Significantly Associated With Litter Size in Goat. Frontiers in Genetics, 2018, 9, 91.	2.3	112

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145	Long Non-coding RNA Profiling Reveals an Abundant MDNCR that Promotes Differentiation of Myoblasts by Sponging miR-133a. Molecular Therapy - Nucleic Acids, 2018, 12, 610-625.	5.1	38
146	A novel indel within goat casein alpha S1 gene is significantly associated with litter size. Gene, 2018, 671, 161-169.	2.2	48
147	Detection of Insertions/Deletions Within SIRT1, SIRT2 and SIRT3 Genes and Their Associations with Body Measurement Traits in Cattle. Biochemical Genetics, 2018, 56, 663-676.	1.7	14
148	Whole-genome resequencing reveals world-wide ancestry and adaptive introgression events of domesticated cattle in East Asia. Nature Communications, 2018, 9, 2337.	12.8	253
149	miR-2478 inhibits TGFÎ²1 expression by targeting the transcriptional activation region downstream of the TGFÎ²1 promoter in dairy goats. Scientific Reports, 2017, 7, 42627.	3.3	10
150	Association study and expression analysis of CYP4A11 gene copy number variation in Chinese cattle. Scientific Reports, 2017, 7, 46599.	3.3	27
151	Detection of a new 20-bp insertion/deletion (indel) within sheep PRND gene using mathematical expectation (ME) method. Prion, 2017, 11, 143-150.	1.8	40
152	A novel 14â€bp duplicated deletion within goat <scp>GHR</scp> gene is significantly associated with growth traits and litter size. Animal Genetics, 2017, 48, 499-500.	1.7	84
153	Associations between polymorphisms in the NICD domain of bovine NOTCH1 gene and growth traits in Chinese Qinchuan cattle. Journal of Applied Genetics, 2017, 58, 241-247.	1.9	2
154	A novel 12â€bp indel polymorphism within the <scp>GDF</scp>9 gene is significantly associated with litter size and growth traits in goats. Animal Genetics, 2017, 48, 735-736.	1.7	75
155	Circular RNA profiling reveals an abundant circLMO7 that regulates myoblasts differentiation and survival by sponging miR-378a-3p. Cell Death and Disease, 2017, 8, e3153-e3153.	6.3	190
156	Reduced representation bisulfite sequencing (RRBS) of dairy goat mammary glands reveals DNA methylation profiles of integrated genome-wide and critical milk-related genes. Oncotarget, 2017, 8, 115326-115344.	1.8	39
157	Developmental transcriptome profiling of bovine muscle tissue reveals an abundant GosB that regulates myoblast proliferation and apoptosis. Oncotarget, 2017, 8, 32083-32100.	1.8	25
158	Whole-genome sequencing reveals mutational landscape underlying phenotypic differences between two widespread Chinese cattle breeds. PLoS ONE, 2017, 12, e0183921.	2.5	33
159	Associations of six SNPs of POU1F1-PROP1-PITX1-SIX3 pathway genes with growth traits in two Chinese indigenous goat breeds. Annals of Animal Science, 2017, 17, 399-411.	1.6	15
160	Two novel SNPs in the coding region of bovine VDR gene and their associations with growth traits. Journal of Genetics, 2016, 93, 53-59.	0.7	4
161	Long non-coding RNA ADNCR suppresses adipogenic differentiation by targeting miR-204. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 871-882.	1.9	148
162	The developmental transcriptome sequencing of bovine skeletal muscle reveals a long noncoding RNA, lncMD , promotes muscle differentiation by sponging miR-125b. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2835-2845.	4.1	120

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163	miR-378a-3p promotes differentiation and inhibits proliferation of myoblasts by targeting HDAC4 in skeletal muscle development. RNA Biology, 2016, 13, 1300-1309.	3.1	79
164	Copy number variations at LEPR gene locus associated with gene expression and phenotypic traits in Chinese cattle. Animal Science Journal, 2016, 87, 336-343.	1.4	32
165	Application of mathematical expectation (ME) strategy for detecting low frequency mutations: An example for evaluating 14-bp insertion/deletion (indel) within the bovine PRNP gene. Prion, 2016, 10, 409-419.	1.8	51
166	Polymorphisms of FLII implicate gene expressions and growth traits in Chinese cattle. Molecular and Cellular Probes, 2016, 30, 266-272.	2.1	13
167	Relationship between genetic variants of POU1F1 , PROP1 , IGFBP3 genes and milk performance in Guanzhong dairy goats. Small Ruminant Research, 2016, 140, 40-45.	1.2	11
168	Identification of novel isoforms of dairy goat EEF1D and their mRNA expression characterization. Gene, 2016, 581, 14-20.	2.2	5
169	Identification of novel alternative splicing transcript and expression analysis of bovine TMEM95 gene. Gene, 2016, 575, 531-536.	2.2	16
170	A novel 17 bp indel in the <i>SMAD3</i> gene alters transcription level, contributing to phenotypic traits in Chinese cattle. Archives Animal Breeding, 2016, 59, 151-157.	1.4	21
171	The 10â€¯bp duplication insertion/deletion in the promoter region within paired box 7 gene is associated with growth traits in cattle. Archives Animal Breeding, 2016, 59, 469-476.	1.4	20
172	Effects of SNPs and alternative splicing within HGF gene on its expression patterns in Qinchuan cattle. Journal of Animal Science and Biotechnology, 2015, 6, 55.	5.3	6
173	Tetra-primer amplification refractory mutation system PCR (T-ARMS-PCR) rapidly identified a critical missense mutation (P236T) of bovine ACADVL gene affecting growth traits. Gene, 2015, 559, 184-188.	2.2	33
174	Novel genetic variants associated with mRNA expression of signal transducer and activator of transcription 3(STAT3) gene significantly affected goat growth traits. Small Ruminant Research, 2015, 129, 25-36.	1.2	29
175	Novel alternative splice variants of NFIX and their diverse mRNA expression patterns in dairy goat. Gene, 2015, 569, 250-258.	2.2	11
176	Haplotype combination of the bovine CFL2 gene sequence variants and association with growth traits in Qinchuan cattle. Gene, 2015, 563, 136-141.	2.2	10
177	Y-Single Nucleotide Polymorphisms Diversity in Chinese Indigenous Horse. Asian-Australasian Journal of Animal Sciences, 2015, 28, 1066-1074.	2.4	17
178	Novel Nucleotide Variations, Haplotypes Structure and Associations with Growth Related Traits of Goat AT Motif-Binding Factor (<i>ATBF1</i>) Gene. Asian-Australasian Journal of Animal Sciences, 2015, 28, 1394-1406.	2.4	30
179	Discovery of Novel and Differentially Expressed MicroRNAs between Fetal and Adult Backfat in Cattle. PLoS ONE, 2014, 9, e90244.	2.5	17
180	Identification and Profiling of microRNAs and Their Target Genes from Developing Caprine Skeletal Muscle. PLoS ONE, 2014, 9, e96857.	2.5	44

#	Article	IF	Citations
181	Characterization of Transcriptional Complexity during Adipose Tissue Development in Bovines of Different Ages and Sexes. PLoS ONE, 2014, 9, e101261.	2.5	32
182	Haplotype combination of the caprine PC1 gene sequence variants and association with growth traits in Chinese Haimen breed. Journal of Genetics, 2014, 93, 54-59.	0.7	4
183	Identification of bovine NPC1 gene cSNPs and their effects on body size traits of Qinchuan cattle. Gene, 2014, 540, 153-160.	2.2	15
184	Associations of MYH3 gene copy number variations with transcriptional expression and growth traits in Chinese cattle. Gene, 2014, 535, 106-111.	2.2	41
185	Association analysis of bovine Foxa2 gene single sequence variant and haplotype combinations with growth traits in Chinese cattle. Gene, 2014, 536, 385-392.	2.2	17
186	Tetra-primer ARMS-PCR is an efficient SNP genotyping method: An example from SIRT2. Analytical Methods, 2014, 6, 1835-1840.	2.7	24
187	Comparative Transcriptome Analysis Reveals Significant Differences in MicroRNA Expression and Their Target Genes between Adipose and Muscular Tissues in Cattle. PLoS ONE, 2014, 9, e102142.	2.5	22
188	An Asp7Gly Substitution in PPARG Is Associated with Decreased Transcriptional Activation Activity. PLoS ONE, 2014, 9, e86954.	2.5	1
189	Consistent effects of single and combined SNP(s) within bovine paired box 7 gene (Pax7) on growth traits. Journal of Genetics, 2013, 92, 53-57.	0.7	5
190	Molecular characterization, alternative splicing and expression analysis of bovine DBC1. Gene, 2013, 527, 689-693.	2.2	12
191	Analysis of genetic variability at codon 42 within caprine prion protein gene in relation to production traits in Chinese domestic breeds. Molecular Biology Reports, 2012, 39, 4981-4988.	2.3	9
192	The polymorphisms of bovine PCSK1 gene and their associations with growth traits. Genes and Genomics, 2011, 33, 57-63.	1.4	7
193	SNPs in the coding region of bovine MGAT2 gene are associated with body weight and weight gain. Genes and Genomics, 2011, 33, 267-272.	1.4	1
194	Polymorphisms in BMP-2 gene and their associations with growth traits in goats. Genes and Genomics, 2010, 32, 29-35.	1.4	19
195	Effects of genetic variability of the carpine homeobox transcription factor HESX1 gene on performance traits. Molecular Biology Reports, 2010, 37, 441-449.	2.3	10
196	Novel Polymorphism at the 3â€² UTR of the Caprine Adiponectin Gene. Biochemical Genetics, 2009, 47, 251-256.	1.7	5
197	A novel missense (A79V) mutation of goat PROP1 gene and its association with production traits. Molecular Biology Reports, 2009, 36, 2069-2073.	2.3	17
198	Copy number variation of bovine S100A7 as a positional candidate affected body measurements. Animal Biotechnology, 0, , 1-9.	1.5	0

#	Article	IF	Citations
199	Association analysis of indels in the VISFATIN gene with five cattle breeds and their growth traits. Animal Biotechnology, 0, , 1-7.	1.5	1