

Mingxun Li

List of Publications by Year in descending order

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52
papers

935
citations

471509

17
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477307

29
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52
all docs

52
docs citations

52
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	MicroRNA-106b Regulates Milk Fat Metabolism via ATP Binding Cassette Subfamily A Member 1 (<i>ABCA1</i>) in Bovine Mammary Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3981-3990.	5.2	51
4	Characterization of lncRNA-miRNA-mRNA Network to Reveal Potential Functional ceRNAs in Bovine Skeletal Muscle. <i>Frontiers in Genetics</i> , 2019, 10, 91.	2.3	39
5	MicroRNA-145 regulates immune cytokines via targeting <i>FSCN1</i> in <i>Staphylococcus aureus</i> -induced mastitis in dairy cows. <i>Reproduction in Domestic Animals</i> , 2019, 54, 882-891.	1.4	36
6	The developmental transcriptome landscape of bovine skeletal muscle defined by Ribo-Zero ribonucleic acid sequencing1. <i>Journal of Animal Science</i> , 2015, 93, 5648-5658.	0.5	31
7	SIRT1 gene polymorphisms are associated with growth traits in Nanyang cattle. <i>Molecular and Cellular Probes</i> , 2013, 27, 215-220.	2.1	29
8	Intragenic DNA methylation status down-regulates bovine IGF2 gene expression in different developmental stages. <i>Gene</i> , 2014, 534, 356-361.	2.2	29
9	Association study and expression analysis of CYP4A11 gene copy number variation in Chinese cattle. <i>Scientific Reports</i> , 2017, 7, 46599.	3.3	27
10	Transcriptomics and iTRAQ-Proteomics Analyses of Bovine Mammary Tissue with <i>Streptococcus agalactiae</i> -Induced Mastitis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11188-11196.	5.2	27
11	Global Transcriptome Analysis During Adipogenic Differentiation and Involvement of Transthyretin Gene in Adipogenesis in Cattle. <i>Frontiers in Genetics</i> , 2018, 9, 463.	2.3	25
12	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
13	Analysis of longissimus muscle quality characteristics and associations with DNA methylation status in cattle. <i>Genes and Genomics</i> , 2019, 41, 1147-1163.	1.4	24
14	Comparative analyses of copy number variations between <i>Bos taurus</i> and <i>Bos indicus</i> . <i>BMC Genomics</i> , 2020, 21, 682.	2.8	21
15	A novel C274C>G polymorphism in bovine <i>SIRT1</i> gene contributes to diminished promoter activity and is associated with increased body size. <i>Animal Genetics</i> , 2013, 44, 584-587.	1.7	18
16	<i>miR-497</i> regulates fatty acid synthesis via <i>LATS2</i> in bovine mammary epithelial cells. <i>Food and Function</i> , 2020, 11, 8625-8636.	4.6	18
17	Metformin Inhibits Lipoteichoic Acid-Induced Oxidative Stress and Inflammation Through AMPK/NRF2/NF- κ B Signaling Pathway in Bovine Mammary Epithelial Cells. <i>Frontiers in Veterinary Science</i> , 2021, 8, 661380.	2.2	18
18	Identification of bovine NPC1 gene cSNPs and their effects on body size traits of Qinchuan cattle. <i>Gene</i> , 2014, 540, 153-160.	2.2	15

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19	Pathological Features of <i>Staphylococcus aureus</i> Induced Mastitis in Dairy Cows and Isobaric-Tags-for-Relative-and-Absolute-Quantitation Proteomic Analyses. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3880-3890.	5.2	15
20	A 5' Regulatory Region and Two Coding Region Polymorphisms Modulate Promoter Activity and Gene Expression of the Growth Suppressor Gene ZBED6 in Cattle. <i>PLoS ONE</i> , 2013, 8, e79744.	2.5	15
21	Tetra-primer ARMS-PCR identifies the novel genetic variations of bovine HNF-4 β gene associating with growth traits. <i>Gene</i> , 2014, 546, 206-213.	2.2	14
22	Genome-Wide DNA Methylation Analysis of Mammary Gland Tissues From Chinese Holstein Cows With <i>Staphylococcus aureus</i> Induced Mastitis. <i>Frontiers in Genetics</i> , 2020, 11, 550515.	2.3	13
23	Molecular characterization, alternative splicing and expression analysis of bovine DBC1. <i>Gene</i> , 2013, 527, 689-693.	2.2	12
24	Copy number variation analysis reveals variants associated with milk production traits in dairy goats. <i>Genomics</i> , 2020, 112, 4934-4937.	2.9	11
25	A novel lncRNA BADLNCR1 inhibits bovine adipogenesis by repressing <i>GLRX5</i> expression. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7175-7186.	3.6	11
26	Relationship of polymorphisms within ZBED6 gene and growth traits in beef cattle. <i>Gene</i> , 2013, 526, 107-111.	2.2	10
27	Nicotinamide and resveratrol regulate bovine adipogenesis through a SIRT1-dependent mechanism. <i>Journal of Functional Foods</i> , 2015, 18, 492-500.	3.4	10
28	<i>MicroRNA-212</i> targets <i>SIRT2</i> to influence lipogenesis in bovine mammary epithelial cell line. <i>Journal of Dairy Research</i> , 2020, 87, 232-238.	1.4	10
29	Polymorphisms in Fatty Acid Desaturase 2 Gene Are Associated with Milk Production Traits in Chinese Holstein Cows. <i>Animals</i> , 2020, 10, 671.	2.3	10
30	Emerging functions of circular RNA in the regulation of adipocyte metabolism and obesity. <i>Cell Death Discovery</i> , 2022, 8, .	4.7	10
31	Two novel polymorphisms of bovine SIRT2 gene are associated with higher body weight in Nanyang cattle. <i>Molecular Biology Reports</i> , 2015, 42, 729-736.	2.3	9
32	A Functional 3' UTR Polymorphism of FADS2 Affects Cow Milk Composition through Modifying Mir-744 Binding. <i>Animals</i> , 2019, 9, 1090.	2.3	9
33	MIR221HG Is a Novel Long Noncoding RNA that Inhibits Bovine Adipocyte Differentiation. <i>Genes</i> , 2020, 11, 29.	2.4	9
34	Polymorphisms of the ACSL1 Gene Influence Milk Production Traits and Somatic Cell Score in Chinese Holstein Cows. <i>Animals</i> , 2020, 10, 2282.	2.3	8
35	Identification and Characterization of Circular RNAs in Mammary Tissue from Holstein Cows at Early Lactation and Non-Lactation. <i>Biomolecules</i> , 2022, 12, 478.	4.0	7
36	In-depth characterization of the pituitary transcriptome in Simmental and Chinese native cattle. <i>Domestic Animal Endocrinology</i> , 2019, 66, 35-42.	1.6	6

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37	Abundance of solute carrier family 27 member 6 (<i>SLC27A6</i>) in the bovine mammary gland alters fatty acid metabolism. <i>Food and Function</i> , 2021, 12, 4909-4920.	4.6	6
38	Novel splice isoforms of dairy goat DBC1 and their diverse mRNA expression profiles. <i>Small Ruminant Research</i> , 2015, 130, 15-26.	1.2	5
39	Effects of Seasonal Heat Stress during Late Gestation on Growth Performance, Metabolic and Immuno-Endocrine Parameters of Calves. <i>Animals</i> , 2022, 12, 716.	2.3	5
40	Genetic differentiation and phylogeny of 27 sheep populations based on structural gene loci. <i>Molecular and Cellular Probes</i> , 2018, 37, 55-59.	2.1	4
41	Factors affecting the milk urea nitrogen concentration in Chinese Holstein cows. <i>Animal Biology</i> , 2018, 68, 193-211.	1.0	4
42	MicroRNA-141 participates in milk lipid metabolism by targeting SIRT1 in bovine mammary epithelial cells. <i>Animal Production Science</i> , 2020, 60, 1877.	1.3	4
43	Genome-wide recombination map construction from single sperm sequencing in cattle. <i>BMC Genomics</i> , 2022, 23, 181.	2.8	4
44	Epigenetic Regulation Mechanisms of the Cofilin-1 Gene in the Development and Differentiation of Bovine Primary Myoblasts. <i>Genes</i> , 2022, 13, 723.	2.4	4
45	The polymorphism of bovine Cofilin-1 gene sequence variants and association analysis with growth traits in Qinchuan cattle. <i>Animal Biotechnology</i> , 2020, , 1-7.	1.5	3
46	Expression, SNP Identification, Linkage Disequilibrium, and Haplotype Association Analysis of the Growth Suppressor Gene <i>ZBED6</i> in Qinchuan Beef Cattle. <i>Animal Biotechnology</i> , 2014, 25, 35-54.	1.5	2
47	Evaluation of the causality of the zinc finger BED-type containing 6 gene (<i>ZBED6</i>) for six important growth traits in Nanyang beef cattle. <i>Animal Genetics</i> , 2015, 46, 225-226.	1.7	1
48	Tetra-primer ARMS-PCR identified four pivotal genetic variations in bovine <i>PNPLA3</i> gene and its expression patterns. <i>Gene</i> , 2016, 575, 191-198.	2.2	1
49	Directed Expression of Tracheal Antimicrobial Peptide as a Treatment for Bovine-Associated <i>Staphylococcus Aureus</i> -Induced Mastitis in Mice. <i>Frontiers in Veterinary Science</i> , 2021, 8, 700930.	2.2	1
50	An Asp7Gly Substitution in <i>PPARG</i> Is Associated with Decreased Transcriptional Activation Activity. <i>PLoS ONE</i> , 2014, 9, e86954.	2.5	1
51	Characterization of candidate genes for bovine adipogenesis reveals differences of <i>TUSC5</i> isoforms caused by novel alternative splicing. <i>Oncotarget</i> , 2018, .	1.8	1
52	A dual color fluorescent reporter system for the real time detection of promoter activity. <i>Biotechnology Letters</i> , 2012, 34, 823-830.	2.2	0