

# Lin-Sen Zan

## List of Publications by Year in descending order

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47  
papers

869  
citations

430874

18  
h-index

526287

27  
g-index

47  
all docs

47  
docs citations

47  
times ranked

932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinformatics and genetic variants analysis of <i>FGF10</i> gene promoter with their association at carcass quality and body measurement traits in Qinchuan beef cattle. <i>Animal Biotechnology</i> , 2023, 34, 1950-1959.	1.5	0
2	Selection signatures of Qinchuan cattle based on whole-genome sequences. <i>Animal Biotechnology</i> , 2022, , 1-9.	1.5	3
3	m6A Methylases Regulate Myoblast Proliferation, Apoptosis and Differentiation. <i>Animals</i> , 2022, 12, 773.	2.3	5
4	Screening and validation of reference genes for qRT-PCR of bovine skeletal muscle-derived satellite cells. <i>Scientific Reports</i> , 2022, 12, 5653.	3.3	4
5	Analysis of stability of reference genes for qPCR in bovine preadipocytes during proliferation and differentiation in vitro. <i>Gene</i> , 2022, 830, 146502.	2.2	7
6	MEF2C Expression Is Regulated by the Post-transcriptional Activation of the METTL3-m6A-YTHDF1 Axis in Myoblast Differentiation. <i>Frontiers in Veterinary Science</i> , 2022, 9, 900924.	2.2	8
7	The role of BBS2 in regulating adipogenesis and the association of its sequence variants with meat quality in Qinchuan cattle. <i>Genomics</i> , 2022, 114, 110416.	2.9	1
8	CREB1 promotes proliferation and differentiation by mediating the transcription of CCNA2 and MYOG in bovine myoblasts. <i>International Journal of Biological Macromolecules</i> , 2022, 216, 32-41.	7.5	10
9	Insights into adaption and growth evolution: a comparative genomics study on two distinct cattle breeds from Northern and Southern China. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 959-967.	5.1	9
10	Identification of genetic variants the CCKAR gene and based on body measurement and carcass quality characteristics in Qinchuan beef cattle ( <i>Bos taurus</i> ). <i>Electronic Journal of Biotechnology</i> , 2021, 51, 1-7.	2.2	0
11	Beneficial effects and health benefits of Astaxanthin molecules on animal production: A review. <i>Research in Veterinary Science</i> , 2021, 138, 69-78.	1.9	39
12	MIR-33a plays a crucial role in the proliferation of bovine preadipocytes. <i>Adipocyte</i> , 2021, 10, 189-200.	2.8	8
13	Effect of Neudesin Neurotrophic Factor on Differentiation of Bovine Preadipocytes and Myoblasts in a Co-Culture System. <i>Animals</i> , 2021, 11, 34.	2.3	4
14	Transcriptome-wide N6-Methyladenosine Methylome Profiling Reveals m6A Regulation of Skeletal Myoblast Differentiation in Cattle ( <i>Bos taurus</i> ). <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 785380.	3.7	10
15	Effect of Actin Alpha Cardiac Muscle 1 on the Proliferation and Differentiation of Bovine Myoblasts and Preadipocytes. <i>Animals</i> , 2021, 11, 3468.	2.3	8
16	Copy number variation detection in Chinese indigenous cattle by whole genome sequencing. <i>Genomics</i> , 2020, 112, 831-836.	2.9	39
17	Expression of the bovine KLF6 gene polymorphisms and their association with carcass and body measures in Qinchuan cattle ( <i>Bos Taurus</i> ). <i>Genomics</i> , 2020, 112, 423-431.	2.9	31
18	The role of BAMBI in regulating adipogenesis and myogenesis and the association between its polymorphisms and growth traits in cattle. <i>Molecular Biology Reports</i> , 2020, 47, 5963-5974.	2.3	6

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19	Genome-wide association studies reveal novel loci associated with carcass and body measures in beef cattle. <i>Archives of Biochemistry and Biophysics</i> , 2020, 694, 108543.	3.0	26
20	Bta-miR-376a Targeting KLF15 Interferes with Adipogenesis Signaling Pathway to Promote Differentiation of Qinchuan Beef Cattle Preadipocytes. <i>Animals</i> , 2020, 10, 2362.	2.3	12
21	The Role of MicroRNAs in Muscle Tissue Development in Beef Cattle. <i>Genes</i> , 2020, 11, 295.	2.4	34
22	MiR-145 reduces the activity of PI3K/Akt and MAPK signaling pathways and inhibits adipogenesis in bovine preadipocytes. <i>Genomics</i> , 2020, 112, 2688-2694.	2.9	25
23	Genetic variants in MYF5 affected growth traits and beef quality traits in Chinese Qinchuan cattle. <i>Genomics</i> , 2020, 112, 2804-2812.	2.9	18
24	MEF2A Regulates the MEG3-DIO3 miRNA Mega Cluster-Targeted PP2A Signaling in Bovine Skeletal Myoblast Differentiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2748.	4.1	15
25	Neudesin Neurotrophic Factor Promotes Bovine Preadipocyte Differentiation and Inhibits Myoblast Myogenesis. <i>Animals</i> , 2019, 9, 1109.	2.3	9
26	Genome-wide analysis reveals the effects of artificial selection on production and meat quality traits in Qinchuan cattle. <i>Genomics</i> , 2019, 111, 1201-1208.	2.9	27
27	Genetic variants and haplotype combination in the bovine CRTC3 affected conformation traits in two Chinese native cattle breeds ( <i>Bos Taurus</i> ). <i>Genomics</i> , 2019, 111, 1736-1744.	2.9	17
28	Performance Measurement and Comparative Transcriptome Analysis Revealed the Efforts on Hybrid Improvement of Qinchuan Cattle. <i>Animal Biotechnology</i> , 2019, 30, 13-20.	1.5	4
29	Tissue Expression Analysis and Characterization of Smad3 Promoter in Bovine Myoblasts and Preadipocytes. <i>DNA and Cell Biology</i> , 2018, 37, 551-559.	1.9	10
30	Genetic Architecture and Selection of Chinese Cattle Revealed by Whole Genome Resequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 688-699.	8.9	97
31	Polymorphisms in adrenergic receptor genes in Qinchuan cattle show associations with selected carcass traits. <i>Meat Science</i> , 2018, 135, 166-173.	5.5	13
32	Cooperative and Independent Functions of the miR-23a~27a~24-2 Cluster in Bovine Adipocyte Adipogenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3957.	4.1	22
33	Current situation and future prospects for beef production in China – A review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 984-991.	2.4	42
34	Investigation into the underlying molecular mechanisms of white adipose tissue through comparative transcriptome analysis of multiple tissues. <i>Molecular Medicine Reports</i> , 2018, 19, 959-966.	2.4	4
35	Effects of Various Processing Methods on the Ultrastructure of Tendon Collagen Fibrils from Qinchuan Beef Cattle Observed with Atomic Force Microscopy. <i>Journal of Food Quality</i> , 2018, 2018, 1-10.	2.6	4
36	Myocyte enhancer factor 2A promotes proliferation and its inhibition attenuates myogenic differentiation via myozenin 2 in bovine skeletal muscle myoblast. <i>PLoS ONE</i> , 2018, 13, e0196255.	2.5	39

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37	Genetic Variants in STAT3 Promoter Regions and Their Application in Molecular Breeding for Body Size Traits in Qinchuan Cattle. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1035.	4.1	24
38	Overexpression of the Rybp Gene Inhibits Differentiation of Bovine Myoblasts into Myotubes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2082.	4.1	5
39	The Expression Pattern of PLIN2 in Differentiated Adipocytes from Qinchuan Cattle Analysis of Its Protein Structure and Interaction with CGI-58. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1336.	4.1	12
40	Genetic variants in the promoter region of the KLF3 gene associated with fat deposition in Qinchuan cattle. <i>Gene</i> , 2018, 672, 50-55.	2.2	35
41	Transcriptome analysis of mRNA and microRNAs in intramuscular fat tissues of castrated and intact male Chinese Qinchuan cattle. <i>PLoS ONE</i> , 2017, 12, e0185961.	2.5	31
42	Whole-genome sequencing of the endangered bovine species Gayal ( <i>Bos frontalis</i> ) provides new insights into its genetic features. <i>Scientific Reports</i> , 2016, 6, 19787.	3.3	32
43	Associations between allelic polymorphism of the BMP Binding Endothelial Regulator and phenotypic variation of cattle. <i>Molecular and Cellular Probes</i> , 2015, 29, 358-364.	2.1	10
44	Expression of the SIRT2 Gene and Its Relationship with Body Size Traits in Qinchuan Cattle ( <i>Bos Tj</i> ETQq0 0 0 rgBT/Overlock, 10 Tf 50 4	4.1	20
45	Sequence analysis of bovine C/EBP $\beta$ gene and its adipogenic effects on fibroblasts. <i>Molecular Biology Reports</i> , 2014, 41, 251-257.	2.3	12
46	Functional Genomic Analysis of Variation on Beef Tenderness Induced by Acute Stress in Angus Cattle. <i>Comparative and Functional Genomics</i> , 2012, 2012, 1-11.	2.0	38
47	Muscle transcriptomic analyses in Angus cattle with divergent tenderness. <i>Molecular Biology Reports</i> , 2012, 39, 4185-4193.	2.3	40