

Ming-Xing Chu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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361413

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#	ARTICLE	IF	CITATIONS
1	Transcriptome Analysis Revealed Long Non-Coding RNAs Associated with mRNAs in Sheep Thyroid Gland under Different Photoperiods. <i>Genes</i> , 2022, 13, 606.	2.4	3
2	Transcriptomic Changes of Photoperiodic Response in the Hypothalamus Were Identified in Ovariectomized and Estradiol-Treated Sheep. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 848144.	3.5	10
3	Thyroid Transcriptomic Profiling Reveals the Follicular Phase Differential Regulation of lncRNA and mRNA Related to Prolificacy in Small Tail Han Sheep with Two FecB Genotypes. <i>Genes</i> , 2022, 13, 849.	2.4	4
4	Genome-Wide Selective Analysis of Boer Goat to Investigate the Dynamic Heredity Evolution under Different Stages. <i>Animals</i> , 2022, 12, 1356.	2.3	2
5	Integrated Analysis of mRNAs and Long Non-Coding RNAs Expression of Oviduct That Provides Novel Insights into the Prolificacy Mechanism of Goat (<i>Capra hircus</i>). <i>Genes</i> , 2022, 13, 1031.	2.4	4
6	Screening of Differentially Expressed Genes and miRNAs in Hypothalamus and Pituitary Gland of Sheep under Different Photoperiods. <i>Genes</i> , 2022, 13, 1091.	2.4	4
7	Effect of Upregulation of Transcription Factor TFDP1 Binding Promoter Activity Due to RBP4 g.36491960G>C Mutation on the Proliferation of Goat Granulosa Cells. <i>Cells</i> , 2022, 11, 2148.	4.1	3
8	Expression and functional analysis of the Follistatin-like 3 (FSTL3) gene in the sheep ovary during the oestrous cycle. <i>Reproduction in Domestic Animals</i> , 2021, 56, 427-436.	1.4	1
9	Litter Size of Sheep (<i>Ovis aries</i>): Inbreeding Depression and Homozygous Regions. <i>Genes</i> , 2021, 12, 109.	2.4	9
10	Polymorphism Detection of GDF9 Gene and Its Association with Litter Size in Luzhong Mutton Sheep (<i>Ovis aries</i>). <i>Animals</i> , 2021, 11, 571.	2.3	21
11	Pineal gland transcriptomic profiling reveals the differential regulation of lncRNA and mRNA related to prolificacy in STH sheep with two FecB genotypes. <i>BMC Genomic Data</i> , 2021, 22, 9.	1.7	6
12	Polymorphism, expression and structure analysis of key genes in the ovarian steroidogenesis pathway in sheep (<i>Ovis aries</i>). <i>Veterinary Medicine and Science</i> , 2021, 7, 1303-1315.	1.6	8
13	Genome-wide scan for runs of homozygosity identifies candidate genes in Wannan Black pigs. <i>Animal Bioscience</i> , 2021, 34, 1895-1902.	2.0	8
14	Genome-Wide Analyses Reveal Genetic Convergence of Prolificacy between Goats and Sheep. <i>Genes</i> , 2021, 12, 480.	2.4	13
15	Photoperiod induced the pituitary differential regulation of lncRNAs and mRNAs related to reproduction in sheep. <i>PeerJ</i> , 2021, 9, e10953.	2.0	12
16	The expression and mutation of <i>BMPRI1B</i> and its association with litter size in small-tail Han sheep (<i>Ovis aries</i>). <i>Archives Animal Breeding</i> , 2021, 64, 211-221.	1.4	18
17	Identification of genes associated with litter size combining genomic approaches in Luzhong mutton sheep. <i>Animal Genetics</i> , 2021, 52, 545-549.	1.7	20
18	Transcriptome Analysis Reveals Differentially Expressed Genes and Long Non-coding RNAs Associated With Fecundity in Sheep Hypothalamus With Different FecB Genotypes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 633747.	3.7	15

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19	Genome-wide association study and inbreeding depression on body size traits in Qira black sheep (Ovis Tj ETQq1.1) 0.784314 rgBT / Over	1.7	14
20	Identification of Photoperiod-Induced LncRNAs and mRNAs in Pituitary Pars Tuberalis of Sheep. <i>Frontiers in Veterinary Science</i> , 2021, 8, 644474.	2.2	10
21	Combined approaches identify known and novel genes associated with sheep litter size and non-seasonal breeding. <i>Animal Genetics</i> , 2021, 52, 857-867.	1.7	3
22	Analysis of Expression Profiles of CircRNA and MiRNA in Oviduct during the Follicular and Luteal Phases of Sheep with Two Fecundity (FecB Gene) Genotypes. <i>Animals</i> , 2021, 11, 2826.	2.3	5
23	Comparison of expression patterns of six canonical clock genes of follicular phase and luteal phase in Small-tailed Han sheep. <i>Archives Animal Breeding</i> , 2021, 64, 457-466.	1.4	4
24	Hypothalamic Transcriptome Analysis Reveals the Crucial MicroRNAs and mRNAs Affecting Litter Size in Goats. <i>Frontiers in Veterinary Science</i> , 2021, 8, 747100.	2.2	10
25	Effects of FecB Mutation on Estrus, Ovulation, and Endocrine Characteristics in Small Tail Han Sheep. <i>Frontiers in Veterinary Science</i> , 2021, 8, 709737.	2.2	20
26	Transcriptome Analysis of Neuroendocrine Regulation of Ovine Hypothalamus-Pituitary-Ovary Axis during Ovine Anestrus and the Breeding Season. <i>Genes</i> , 2021, 12, 1861.	2.4	8
27	Detection of Novel Variations Related to Litter Size in BMP15 Gene of Luzhong Mutton Sheep (Ovis Tj ETQq1.1) 0.784314 rgBT / Over	2.3	9
28	Single-nucleotide polymorphisms in <i>FLT3</i> , <i>NLRP5</i> , and <i>TGIF1</i> are associated with litter size in Small-tailed Han sheep. <i>Archives Animal Breeding</i> , 2021, 64, 475-486.	1.4	2
29	Combined approaches to reveal genes associated with litter size in Yunshang black goats. <i>Animal Genetics</i> , 2020, 51, 924-934.	1.7	24
30	Genetic Signatures of Selection for Cashmere Traits in Chinese Goats. <i>Animals</i> , 2020, 10, 1905.	2.3	21
31	<i>Lin28</i> gene and mammalian puberty. <i>Molecular Reproduction and Development</i> , 2020, 87, 525-533.	2.0	9
32	The effect of SNP rs400827589 in exon 2 of the MTNR1B gene on reproductive seasonality and litter size in sheep. <i>Veterinary Medicine and Science</i> , 2020, 6, 804-812.	1.6	4
33	Comprehensive Analysis of Differentially Expressed Profiles of mRNA, lncRNA, and circRNA in the Uterus of Seasonal Reproduction Sheep. <i>Genes</i> , 2020, 11, 301.	2.4	24
34	<i>TGIF1</i> and <i>SF1</i> polymorphisms are associated with litter size in Small Tail Han sheep. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1145-1153.	1.4	10
35	Genome-wide association study of body weight and conformation traits in neonatal sheep. <i>Animal Genetics</i> , 2020, 51, 336-340.	1.7	23
36	Exploring the roles of fecundity-related long non-coding RNAs and mRNAs in the adrenal glands of small-tailed Han Sheep. <i>BMC Genetics</i> , 2020, 21, 39.	2.7	9

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37	Luzhong mutton sheep: inbreeding and selection signatures. <i>Journal of Animal Science and Technology</i> , 2020, 62, 777-789.	2.5	7
38	Genome-wide selection signatures analysis of litter size in Dazu black goats using single-nucleotide polymorphism. <i>3 Biotech</i> , 2019, 9, 336.	2.2	16
39	Comparative Transcriptomics Identify Key Hypothalamic Circular RNAs that Participate in Sheep (<i>Ovis</i>) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	34
40	Single Nucleotide Polymorphisms in SLC5A1, CCNA1, and ABCC1 and the Association with Litter Size in Small-Tail Han Sheep. <i>Animals</i> , 2019, 9, 432.	2.3	9
41	Polymorphisms of the melatonin receptor 1A gene that affects the reproductive seasonality and litter size in Small Tail Han sheep. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1400-1410.	1.4	18
42	Differential Expression of Circular RNAs in Polytocous and Monotocous Uterus during the Reproductive Cycle of Sheep. <i>Animals</i> , 2019, 9, 797.	2.3	14
43	The genetic mechanism of high prolificacy in small tail han sheep by comparative proteomics of ovaries in the follicular and luteal stages. <i>Journal of Proteomics</i> , 2019, 204, 103394.	2.4	27
44	Comparative Transcriptomics Reveal Key Sheep (<i>Ovis aries</i>) Hypothalamus LncRNAs that Affect Reproduction. <i>Animals</i> , 2019, 9, 152.	2.3	24
45	Single nucleotide polymorphisms in BMP2 and BMP7 and the association with litter size in Small Tail Han sheep. <i>Animal Reproduction Science</i> , 2019, 204, 183-192.	1.5	19
46	Integrated Hypothalamic Transcriptome Profiling Reveals the Reproductive Roles of mRNAs and miRNAs in Sheep. <i>Frontiers in Genetics</i> , 2019, 10, 1296.	2.3	21
47	Identification and characterization of mRNAs and lncRNAs in the uterus of polytocous and monotocous Small Tail Han sheep (<i>Ovis aries</i>). <i>PeerJ</i> , 2019, 7, e6938.	2.0	40
48	Whole-genome sequences of 89 Chinese sheep suggest role of RXFP2 in the development of unique horn phenotype as response to semi-feralization. <i>GigaScience</i> , 2018, 7, .	6.4	90
49	Expression Analysis of the Prolific Candidate Genes, BMPR1B, BMP15, and GDF9 in Small Tail Han Ewes with Three Fecundity (<i>FecB</i> Gene) Genotypes. <i>Animals</i> , 2018, 8, 166.	2.3	29
50	Molecular cloning and epigenetic change detection of <i>Kiss1</i> during seasonal reproduction in Chinese indigenous sheep. <i>Reproduction, Fertility and Development</i> , 2018, 30, 734.	0.4	9
51	Single Nucleotide Polymorphisms in the HIRA Gene Affect Litter Size in Small Tail Han Sheep. <i>Animals</i> , 2018, 8, 71.	2.3	19
52	Metabolic Effects of <i>FecB</i> Gene on Follicular Fluid and Ovarian Vein Serum in Sheep (<i>Ovis aries</i>). <i>International Journal of Molecular Sciences</i> , 2018, 19, 539.	4.1	30
53	Cashmere growth control in Liaoning cashmere goat by ovarian carcinoma immunoreactive antigen-like protein 2 and decorin genes. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 650-657.	2.4	6
54	Characterization and comparative profiling of ovarian microRNAs during ovine anestrus and the breeding season. <i>BMC Genomics</i> , 2014, 15, 899.	2.8	42

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55	Progress on major genes for high fecundity in ewes. <i>Frontiers of Agricultural Science and Engineering</i> , 2014, 1, 282.	1.4	26
56	Analysis on cDNA sequence, alternative splicing and polymorphisms associated with timing of puberty of Lin28B gene in goats. <i>Molecular Biology Reports</i> , 2013, 40, 4675-4683.	2.3	5
57	Predictive potential of microsatellite markers on heterosis of fecundity in crossbred sheep. <i>Molecular Biology Reports</i> , 2012, 39, 2761-2766.	2.3	16
58	Polymorphism of 5' regulatory region of ovine FSHR gene and its association with litter size in Small Tail Han sheep. <i>Molecular Biology Reports</i> , 2012, 39, 3721-3725.	2.3	25
59	Polymorphisms of coding region of BMPR-IB gene and their relationship with litter size in sheep. <i>Molecular Biology Reports</i> , 2011, 38, 4071-4076.	2.3	69
60	Polymorphisms of caprine GDF9 gene and their association with litter size in Jining Grey goats. <i>Molecular Biology Reports</i> , 2011, 38, 5189-5197.	2.3	66
61	GDF9 as a candidate gene for prolificacy of Small Tail Han sheep. <i>Molecular Biology Reports</i> , 2011, 38, 5199-5204.	2.3	37
62	Mutations in BMPR-IB and BMP-15 genes are associated with litter size in Small Tailed Han sheep (Ovis Tj ETQq0 0.0 rgBT /Overlock 10	0.5	147
63	Association between expression of reproductive seasonality and alleles of melatonin receptor 1A in goats. <i>Animal Reproduction Science</i> , 2007, 101, 276-284.	1.5	23
64	Association between Melatonin Receptor 1A Gene and Expression of Reproductive Seasonality in Sheep. <i>Asian-Australasian Journal of Animal Sciences</i> , 2006, 19, 1079-1084.	2.4	34
65	Association between PCR-RFLP of Melatonin Receptor 1a Gene and High Prolificacy in Small Tail Han Sheep. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 1701-1704.	2.4	28