

Mingtian Deng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

258
citations

7
h-index

15
g-index

33
ext. papers

378
ext. citations

3.5
avg, IF

3.11
L-index

#	Paper	IF	Citations
29	Generation and evaluation of Myostatin knock-out rabbits and goats using CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016 , 6, 29855	4.9	54
28	N-carbamylglutamate and L-arginine improved maternal and placental development in underfed ewes. <i>Reproduction</i> , 2016 , 151, 623-35	3.8	36
27	Generation of beta-lactoglobulin knock-out goats using CRISPR/Cas9. <i>PLoS ONE</i> , 2017 , 12, e0186056	3.7	33
26	Genome-Wide Analysis Reveals Extensive Changes in LncRNAs during Skeletal Muscle Development in Hu Sheep. <i>Genes</i> , 2017 , 8,	4.2	24
25	Long noncoding RNAs exchange during zygotic genome activation in goat. <i>Biology of Reproduction</i> , 2018 , 99, 707-717	3.9	19
24	Abnormal expression of DNA methyltransferases and genomic imprinting in cloned goat fibroblasts. <i>Cell Biology International</i> , 2016 , 40, 74-82	4.5	15
23	Aberrant DNA and histone methylation during zygotic genome activation in goat cloned embryos. <i>Theriogenology</i> , 2020 , 148, 27-36	2.8	12
22	Highly methylated Xist in SCNT embryos was retained in deceased cloned female goats. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 855-866	1.8	7
21	YTHDF2 Regulates Maternal Transcriptome Degradation and Embryo Development in Goat. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 580367	5.7	7
20	Inhibition of lysine-specific histone demethylase 1A results in meiotic aberration during oocyte maturation in vitro in goats. <i>Theriogenology</i> , 2020 , 143, 168-178	2.8	6
19	DNA methylation dynamics during zygotic genome activation in goat. <i>Theriogenology</i> , 2020 , 156, 144-154.8	6	6
18	Scd1 Contributes to Lipid Droplets Formation in GMEC via Transcriptional Regulation of Tip47 and Adrp. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1700238	3	6
17	Epigenetic Status of H19-Igf2 Imprinted Genes and Loss of 5-Hydroxymethylcytosine in the Brain of Cloned Goats. <i>Cellular Reprogramming</i> , 2017 , 19, 199-207	2.1	4
16	EZH2 expression and its role in spermatogonial stem cell self-renewal in goats. <i>Theriogenology</i> , 2020 , 155, 222-231	2.8	4
15	Long non-coding RNA lnc_3712 impedes nuclear reprogramming via repressing Kdm5b. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 24, 54-66	10.7	4
14	Analysis of H19/Igf2 Methylation Status in the Sperm of Cloned Goats and Their Offspring. <i>Cellular Reprogramming</i> , 2018 , 20, 66-75	2.1	3
13	Exchanges of histone methylation and variants during mouse zygotic genome activation. <i>Zygote</i> , 2020 , 28, 51-58	1.6	3

12	Effects of dietary betaine supplementation on biochemical parameters of blood and testicular oxidative stress in Hu sheep. <i>Theriogenology</i> , 2021 , 164, 65-73	2.8	3
11	Comprehensive Transcriptome Analysis of mRNA Expression Patterns of Early Embryo Development in Goat under Hypoxic and Normoxic Conditions. <i>Biology</i> , 2021 , 10,	4.9	3
10	Effects of SPATA6 on proliferation, apoptosis and steroidogenesis of Hu sheep Leydig cells in vitro. <i>Theriogenology</i> , 2021 , 166, 9-20	2.8	3
9	Expression pattern and potential role of Nanos3 in regulating testosterone biosynthesis in Leydig cells of sheep. <i>Theriogenology</i> , 2020 , 154, 31-42	2.8	2
8	Efficient generation of CLPG1-edited rabbits using the CRISPR/Cas9 system. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 538-544	1.6	2
7	Locus-Specific Regulation of Expression Using the CRISPR-Cas9-Based System. <i>DNA and Cell Biology</i> , 2020 , 39, 572-578	3.6	1
6	Characterization of transcriptional activity during ZGA in mammalian SCNT embryo. <i>Biology of Reproduction</i> , 2021 , 105, 905-917	3.9	1
5	YBX1 mediates alternative splicing and maternal mRNA decay during pre-implantation development. <i>Cell and Bioscience</i> , 2022 , 12, 12	9.8	0
4	The function of the m6A methyltransferase METTL3 in goat early embryo development under hypoxic and normoxic conditions. <i>Theriogenology</i> , 2022 , 177, 140-150	2.8	0
3	PPP2R2A affects embryonic implantation by regulating the proliferation and apoptosis of Hu sheep endometrial stromal cells. <i>Theriogenology</i> , 2021 , 176, 149-162	2.8	0
2	Expression pattern of alkB homolog 5 in goat testis and its role in spermatogonial stem cells. <i>Cell and Tissue Research</i> , 2021 , 1	4.2	
1	Reinterpreting sheep muscle strand-specific RNA sequencing data showing extensive 3'UTR extensions. <i>Animal Genetics</i> , 2020 , 51, 788-798	2.5	