

# Mingtian Deng

## List of Publications by Year in descending order

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30  
papers

486  
citations

758635

12  
h-index

713013

21  
g-index

33  
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33  
docs citations

33  
times ranked

436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and evaluation of Myostatin knock-out rabbits and goats using CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016, 6, 29855.	1.6	71
2	N-carbamylglutamate and L-arginine improved maternal and placental development in underfed ewes. <i>Reproduction</i> , 2016, 151, 623-635.	1.1	51
3	Long noncoding RNAs exchange during zygotic genome activation in goat. <i>Biology of Reproduction</i> , 2018, 99, 707-717.	1.2	48
4	Generation of beta-lactoglobulin knock-out goats using CRISPR/Cas9. <i>PLoS ONE</i> , 2017, 12, e0186056.	1.1	47
5	Genome-Wide Analysis Reveals Extensive Changes in LncRNAs during Skeletal Muscle Development in Hu Sheep. <i>Genes</i> , 2017, 8, 191.	1.0	41
6	Aberrant DNA and histone methylation during zygotic genome activation in goat cloned embryos. <i>Theriogenology</i> , 2020, 148, 27-36.	0.9	33
7	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.	0.9	16
8	YTHDF2 Regulates Maternal Transcriptome Degradation and Embryo Development in Goat. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580367.	1.8	16
9	Abnormal expression of DNA methyltransferases and genomic imprinting in cloned goat fibroblasts. <i>Cell Biology International</i> , 2016, 40, 74-82.	1.4	15
10	DNA methylation dynamics during zygotic genome activation in goat. <i>Theriogenology</i> , 2020, 156, 144-154.	0.9	14
11	Highly methylated Xist in SCNT embryos was retained in deceased cloned female goats. <i>Reproduction, Fertility and Development</i> , 2019, 31, 855.	0.1	12
12	EZH2 expression and its role in spermatogonial stem cell self-renewal in goats. <i>Theriogenology</i> , 2020, 155, 222-231.	0.9	12
13	Effects of dietary betaine supplementation on biochemical parameters of blood and testicular oxidative stress in Hu sheep. <i>Theriogenology</i> , 2021, 164, 65-73.	0.9	12
14	YBX1 mediates alternative splicing and maternal mRNA decay during pre-implantation development. <i>Cell and Bioscience</i> , 2022, 12, 12.	2.1	11
15	Effects of SPATA6 on proliferation, apoptosis and steroidogenesis of Hu sheep Leydig cells in vitro. <i>Theriogenology</i> , 2021, 166, 9-20.	0.9	10
16	Long non-coding RNA lnc_3712 impedes nuclear reprogramming via repressing Kdm5b. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 54-66.	2.3	9
17	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.	1.0	8
18	Characterization of transcriptional activity during ZGA in mammalian SCNT embryo. <i>Biology of Reproduction</i> , 2021, 105, 905-917.	1.2	8

#	ARTICLE	IF	CITATIONS
19	PPP2R2A affects embryonic implantation by regulating the proliferation and apoptosis of Hu sheep endometrial stromal cells. <i>Theriogenology</i> , 2021, 176, 149-162.	0.9	8
20	Exchanges of histone methylation and variants during mouse zygotic genome activation. <i>Zygote</i> , 2020, 28, 51-58.	0.5	7
21	Efficient generation of CLPG1 edited rabbits using the CRISPR/Cas9 system. <i>Reproduction in Domestic Animals</i> , 2019, 54, 538-544.	0.6	6
22	Expression pattern and potential role of Nanos3 in regulating testosterone biosynthesis in Leydig cells of sheep. <i>Theriogenology</i> , 2020, 154, 31-42.	0.9	6
23	Comprehensive Transcriptome Analysis of mRNA Expression Patterns of Early Embryo Development in Goat under Hypoxic and Normoxic Conditions. <i>Biology</i> , 2021, 10, 381.	1.3	5
24	The function of the m6A methyltransferase METTL3 in goat early embryo development under hypoxic and normoxic conditions. <i>Theriogenology</i> , 2022, 177, 140-150.	0.9	5
25	Epigenetic Status of <i>H19</i> - <i>Igf2</i> Imprinted Genes and Loss of 5-Hydroxymethylcytosine in the Brain of Cloned Goats. <i>Cellular Reprogramming</i> , 2017, 19, 199-207.	0.5	4
26	Analysis of <i>H19/Igf2</i> Methylation Status in the Sperm of Cloned Goats and Their Offspring. <i>Cellular Reprogramming</i> , 2018, 20, 66-75.	0.5	3
27	Expression pattern of alkB homolog 5 in goat testis and its role in spermatogonial stem cells. <i>Cell and Tissue Research</i> , 2022, 387, 131-142.	1.5	3
28	Locus-Specific Regulation of <i>Xist</i> Expression Using the CRISPR-Cas9-Based System. <i>DNA and Cell Biology</i> , 2020, 39, 572-578.	0.9	2
29	Reinterpreting sheep muscle strand-specific RNA sequencing data showing extensive 3'UTR extensions. <i>Animal Genetics</i> , 2020, 51, 788-798.	0.6	0
30	Overexpression of <i>bmp4</i> , <i>dazl</i> , <i>nanos3</i> and <i>sycp2</i> in Hu Sheep Leydig Cells Using CRISPR/dcas9 System Promoted Male Germ Cell Related Gene Expression. <i>Biology</i> , 2022, 11, 289.	1.3	0