

Feng Wang

List of Publications by Year in descending order

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55
papers

1,096
citations

430874

18
h-index

477307

29
g-index

55
all docs

55
docs citations

55
times ranked

942
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.	3.3	71
2	Genome-wide differential expression profiling of mRNAs and lncRNAs associated with prolificacy in Hu sheep. <i>Bioscience Reports</i> , 2018, 38, .	2.4	66
3	Vitamin D receptor expression and potential role of vitamin D on cell proliferation and steroidogenesis in goat ovarian granulosa cells. <i>Theriogenology</i> , 2017, 102, 162-173.	2.1	53
4	N-carbamylglutamate and L-arginine improved maternal and placental development in underfed ewes. <i>Reproduction</i> , 2016, 151, 623-635.	2.6	51
5	Long noncoding RNA expression profile changes associated with dietary energy in the sheep testis during sexual maturation. <i>Scientific Reports</i> , 2017, 7, 5180.	3.3	51
6	Long noncoding RNAs exchange during zygotic genome activation in goat. <i>Biology of Reproduction</i> , 2018, 99, 707-717.	2.7	48
7	Comprehensive analysis of long noncoding RNA and mRNA expression patterns in sheep testicular maturation. <i>Biology of Reproduction</i> , 2018, 99, 650-661.	2.7	47
8	Pituitary Transcriptomic Study Reveals the Differential Regulation of lncRNAs and mRNAs Related to Prolificacy in Different FecB Genotyping Sheep. <i>Genes</i> , 2019, 10, 157.	2.4	47
9	Bisphenol A affects cell viability involved in autophagy and apoptosis in goat testis sertoli cell. <i>Environmental Toxicology and Pharmacology</i> , 2017, 55, 137-147.	4.0	43
10	Effect of PGC-1 α overexpression or silencing on mitochondrial apoptosis of goat luteinized granulosa cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2016, 48, 493-507.	2.3	34
11	In vitro influence of selenium on the proliferation of and steroidogenesis in goat luteinized granulosa cells. <i>Theriogenology</i> , 2018, 114, 70-80.	2.1	32
12	Age-associated changes in gene expression of goat oocytes. <i>Theriogenology</i> , 2013, 80, 328-336.	2.1	31
13	lncRNA FDNCR promotes apoptosis of granulosa cells by targeting the miR-543-3p/DCN/TGF- β 2 signaling pathway in Hu sheep. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 223-240.	5.1	31
14	FTO-mediated demethylation of GADD45B promotes myogenesis through the activation of p38 MAPK pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 34-48.	5.1	30
15	Overexpression of STRA8, BOULE, and DAZL Genes Promotes Goat Bone Marrow-Derived Mesenchymal Stem Cells In Vitro Transdifferentiation Toward Putative Male Germ Cells. <i>Reproductive Sciences</i> , 2017, 24, 300-312.	2.5	28
16	Characterization of sheep spermatogenesis through single-cell RNA sequencing. <i>FASEB Journal</i> , 2021, 35, e21187.	0.5	27
17	Influences of different dietary energy level on sheep testicular development associated with AMPK/ULK1/autophagy pathway. <i>Theriogenology</i> , 2018, 108, 362-370.	2.1	26
18	Characterization of GALNTL5 gene sequence and expression in ovine testes and sperm. <i>Theriogenology</i> , 2017, 95, 54-61.	2.1	20

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19	INHBA transfection regulates proliferation, apoptosis and hormone synthesis in sheep granulosa cells. <i>Theriogenology</i> , 2021, 175, 111-122.	2.1	20
20	YAP1 regulates PPARC and RXR alpha expression to affect the proliferation and differentiation of ovine preadipocyte. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19578-19589.	2.6	19
21	Effects of diet and arginine treatment during the luteal phase on ovarian NO/PGC-1 β signaling in ewes. <i>Theriogenology</i> , 2017, 96, 76-84.	2.1	18
22	Induction of goat bone marrow mesenchymal stem cells into putative male germ cells using mRNA for STRA8, BOULE and DAZL. <i>Cytotechnology</i> , 2019, 71, 563-572.	1.6	17
23	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.	2.1	16
24	YTHDF2 Regulates Maternal Transcriptome Degradation and Embryo Development in Goat. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580367.	3.7	16
25	Genome-Wide Analysis and Function Prediction of Long Noncoding RNAs in Sheep Pituitary Gland Associated with Sexual Maturation. <i>Genes</i> , 2020, 11, 320.	2.4	16
26	Abnormal expression of DNA methyltransferases and genomic imprinting in cloned goat fibroblasts. <i>Cell Biology International</i> , 2016, 40, 74-82.	3.0	15
27	Effects of nutrient restriction and arginine treatment on oxidative stress in the ovarian tissue of ewes during the luteal phase. <i>Theriogenology</i> , 2018, 113, 127-136.	2.1	14
28	Circular RNA circUSP13 sponges miR-29c to promote differentiation and inhibit apoptosis of goat myoblasts by targeting IGF1. <i>FASEB Journal</i> , 2022, 36, e22097.	0.5	13
29	Highly methylated Xist in SCNT embryos was retained in deceased cloned female goats. <i>Reproduction, Fertility and Development</i> , 2019, 31, 855.	0.4	12
30	Long non-coding RNA366.2 controls endometrial epithelial cell proliferation and migration by upregulating WNT6 as a ceRNA of miR-1576 in sheep uterus. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194606.	1.9	11
31	FTO regulates myoblast proliferation by controlling CCND1 expression in an m6A-YTHDF2-dependent manner. <i>Experimental Cell Research</i> , 2021, 401, 112524.	2.6	11
32	Effects of SPATA6 on proliferation, apoptosis and steroidogenesis of Hu sheep Leydig cells in vitro. <i>Theriogenology</i> , 2021, 166, 9-20.	2.1	10
33	Comparison of in vitro digestibility and chemical composition among four crop straws treated by <i>Pleurotus ostreatus</i> . <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 24-34.	2.4	10
34	Effects of l-arginine on endometrial microvessel density in nutrient-restricted Hu sheep. <i>Theriogenology</i> , 2018, 119, 252-258.	2.1	9
35	Role of FGF9 in sheep testis steroidogenesis during sexual maturation. <i>Animal Reproduction Science</i> , 2018, 197, 177-184.	1.5	9
36	Effects of l-arginine on endometrial estrogen receptor β and progesterone receptor expression in nutrient-restricted sheep. <i>Theriogenology</i> , 2019, 138, 137-144.	2.1	9

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37	Unconservative_15_2570409 suppresses progesterone receptor expression in the granulosa cells of Hu sheep. <i>Theriogenology</i> , 2020, 157, 303-313.	2.1	9
38	Long non-coding RNA LOC105611671 modulates fibroblast growth factor 9 (FGF9) expression by targeting oar-miR-26a to promote testosterone biosynthesis in Hu sheep. <i>Reproduction, Fertility and Development</i> , 2020, 32, 373.	0.4	9
39	SMAD2 regulates testicular development and testosterone synthesis in Hu sheep. <i>Theriogenology</i> , 2021, 174, 139-148.	2.1	9
40	PPP2R2A affects embryonic implantation by regulating the proliferation and apoptosis of Hu sheep endometrial stromal cells. <i>Theriogenology</i> , 2021, 176, 149-162.	2.1	8
41	Effect of PPARGC1A on the development and metabolism of early rabbit embryos in vitro. <i>Molecular Reproduction and Development</i> , 2019, 86, 1758-1770.	2.0	7
42	Effect of Microbial Inoculation on Carbon Preservation during Goat Manure Aerobic Composting. <i>Molecules</i> , 2021, 26, 4441.	3.8	7
43	Melatonin alleviated oxidative stress induced by energy restriction on sheep Leydig cells through Sirt1/Sod2 pathway. <i>Theriogenology</i> , 2021, 173, 83-92.	2.1	7
44	Comparative Transcriptomic Analysis of Hu Sheep Pituitary Gland Prolificacy at the Follicular and Luteal Phases. <i>Genes</i> , 2022, 13, 440.	2.4	7
45	MicroRNA profiling reveals miR-145-5p inhibits goat myoblast differentiation by targeting the coding domain sequence of USP13. <i>FASEB Journal</i> , 2022, 36, .	0.5	7
46	Suppression of miR-1197-3p attenuates H ₂ O ₂ -induced apoptosis of goat luteinized granulosa cells via targeting PPARGC1A. <i>Theriogenology</i> , 2019, 132, 72-82.	2.1	6
47	Expression pattern and potential role of Nanos3 in regulating testosterone biosynthesis in Leydig cells of sheep. <i>Theriogenology</i> , 2020, 154, 31-42.	2.1	6
48	Estradiol-17 β regulates proliferation and apoptosis of sheep endometrial epithelial cells by regulating the relative abundance of YAP1. <i>Animal Reproduction Science</i> , 2020, 215, 106328.	1.5	6
49	Roles of WNT6 in Sheep Endometrial Epithelial Cell Cycle Progression and Uterine Glands Organogenesis. <i>Veterinary Sciences</i> , 2021, 8, 316.	1.7	6
50	The Expression Pattern of p32 in Sheep Muscle and Its Role in Differentiation, Cell Proliferation, and Apoptosis of Myoblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5161.	4.1	5
51	Comprehensive Transcriptome Analysis of mRNA Expression Patterns of Early Embryo Development in Goat under Hypoxic and Normoxic Conditions. <i>Biology</i> , 2021, 10, 381.	2.8	5
52	The function of the m6A methyltransferase METTL3 in goat early embryo development under hypoxic and normoxic conditions. <i>Theriogenology</i> , 2022, 177, 140-150.	2.1	5
53	The Novel Competing Endogenous Long Noncoding RNA SM2 Regulates Gonadotropin Secretion in the Hu Sheep Anterior Pituitary by Targeting the Oar-miR-16b/TGF- β 2/SMAD2 Signaling Pathway. <i>Cells</i> , 2022, 11, 985.	4.1	5
54	l-Argine regulates the proliferation, apoptosis and endocrine activity by alleviating oxidative stress in sheep endometrial epithelial cells. <i>Theriogenology</i> , 2022, 179, 187-196.	2.1	1

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55	Overexpression of bmp4, dazl, nanos3 and sycp2 in Hu Sheep Leydig Cells Using CRISPR/dcas9 System Promoted Male Germ Cell Related Gene Expression. <i>Biology</i> , 2022, 11, 289.	2.8	0