# Feng Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4772959/publications.pdf

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| | | 430874 | 477307 |
|---|---|---|---|
| 55 | 1,096 | 18 | 29 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 55 | 55 | 55 | 942 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The function of the m6A methyltransferase METTL3 in goat early embryo development under hypoxic and normoxic conditions. Theriogenology, 2022, 177, 140-150. | 2.1 | 5 |
| 2 | l-Argine regulates the proliferation, apoptosis and endocrine activity by alleviating oxidative stress in sheep endometrial epithelial cells. Theriogenology, 2022, 179, 187-196. | 2.1 | 1 |
| 3 | Comparative Transcriptomic Analysis of Hu Sheep Pituitary Gland Prolificacy at the Follicular and Luteal Phases. Genes, 2022, 13, 440. | 2.4 | 7 |
| 4 | Overexpression of bmp4, dazl, nanos3 and sycp2 in Hu Sheep Leydig Cells Using CRISPR/dcas9 System Promoted Male Germ Cell Related Gene Expression. Biology, 2022, 11, 289. | 2.8 | 0 |
| 5 | The Novel Competing Endogenous Long Noncoding RNA SM2 Regulates Gonadotropin Secretion in the Hu Sheep Anterior Pituitary by Targeting the Oar-miR-16b/TGF-Î²/SMAD2 Signaling Pathway. Cells, 2022, 11, 985. | 4.1 | 5 |
| 6 | Circular RNA circUSP13 sponges miRâ€29c to promote differentiation and inhibit apoptosis of goat myoblasts by targeting IGF1. FASEB Journal, 2022, 36, e22097. | 0.5 | 13 |
| 7 | MicroRNA profiling reveals miRâ€145â€5p inhibits goat myoblast differentiation by targeting the coding domain sequence of USP13. FASEB Journal, 2022, 36, . | 0.5 | 7 |
| 8 | Characterization of sheep spermatogenesis through singleâ€cell RNA sequencing. FASEB Journal, 2021, 35, e21187. | 0.5 | 27 |
| 9 | FTO regulates myoblast proliferation by controlling CCND1 expression in an m6A-YTHDF2-dependent manner. Experimental Cell Research, 2021, 401, 112524. | 2.6 | 11 |
| 10 | Comprehensive Transcriptome Analysis of mRNA Expression Patterns of Early Embryo Development in Goat under Hypoxic and Normoxic Conditions. Biology, 2021, 10, 381. | 2.8 | 5 |
| 11 | Effects of SPATA6 on proliferation, apoptosis and steroidogenesis of Hu sheep Leydig cells inÂvitro. Theriogenology, 2021, 166, 9-20. | 2.1 | 10 |
| 12 | lncRNA FDNCR promotes apoptosis of granulosa cells by targeting the miR-543-3p/DCN/TGF-Î² signaling pathway in Hu sheep. Molecular Therapy - Nucleic Acids, 2021, 24, 223-240. | 5.1 | 31 |
| 13 | Effect of Microbial Inoculation on Carbon Preservation during Goat Manure Aerobic Composting. Molecules, 2021, 26, 4441. | 3.8 | 7 |
| 14 | PPP2R2A affects embryonic implantation by regulating the proliferation and apoptosis of Hu sheep endometrial stromal cells. Theriogenology, 2021, 176, 149-162. | 2.1 | 8 |
| 15 | SMAD2 regulates testicular development and testosterone synthesis in Hu sheep. Theriogenology, 2021, 174, 139-148. | 2.1 | 9 |
| 16 | Melatonin alleviated oxidative stress induced by energy restriction on sheep Leydig cells through Sirt1/Sod2 pathway. Theriogenology, 2021, 173, 83-92. | 2.1 | 7 |
| 17 | INHBA transfection regulates proliferation, apoptosis and hormone synthesis in sheep granulosa cells. Theriogenology, 2021, 175, 111-122. | 2.1 | 20 |
| 18 | FTO-mediated demethylation of GADD45B promotes myogenesis through the activation of p38 MAPK pathway. Molecular Therapy - Nucleic Acids, 2021, 26, 34-48. | 5.1 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Roles of WNT6 in Sheep Endometrial Epithelial Cell Cycle Progression and Uterine Glands Organogenesis. Veterinary Sciences, 2021, 8, 316. | 1.7 | 6 |
| 20 | Inhibition of lysine-specific histone demethylase 1A results in meiotic aberration during oocyte maturation inÂvitro in goats. Theriogenology, 2020, 143, 168-178. | 2.1 | 16 |
| 21 | YTHDF2 Regulates Maternal Transcriptome Degradation and Embryo Development in Goat. Frontiers in Cell and Developmental Biology, 2020, 8, 580367. | 3.7 | 16 |
| 22 | Unconservative_15_2570409 suppresses progesterone receptor expression in the granulosa cells of Hu sheep. Theriogenology, 2020, 157, 303-313. | 2.1 | 9 |
| 23 | Long non-coding RNA366.2 controls endometrial epithelial cell proliferation and migration by upregulating WNT6 as a ceRNA of miR-1576 in sheep uterus. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194606. | 1.9 | 11 |
| 24 | Expression pattern and potential role of Nanos3 in regulating testosterone biosynthesis in Leydig cells of sheep. Theriogenology, 2020, 154, 31-42. | 2.1 | 6 |
| 25 | Genome-Wide Analysis and Function Prediction of Long Noncoding RNAs in Sheep Pituitary Gland Associated with Sexual Maturation. Genes, 2020, 11, 320. | 2.4 | 16 |
| 26 | Estradiol-17Î² regulates proliferation and apoptosis of sheep endometrial epithelial cells by regulating the relative abundance of YAP1. Animal Reproduction Science, 2020, 215, 106328. | 1.5 | 6 |
| 27 | Long non-coding RNA LOC105611671 modulates fibroblast growth factor 9 (FGF9) expression by targeting oar-miR-26a to promote testosterone biosynthesis in Hu sheep. Reproduction, Fertility and Development, 2020, 32, 373. | 0.4 | 9 |
| 28 | Comparison of in vitro digestibility and chemical composition among four crop straws treated by Pleurotus ostreatus. Asian-Australasian Journal of Animal Sciences, 2020, 33, 24-34. | 2.4 | 10 |
| 29 | YAP1 regulates PPARG and RXR alpha expression to affect the proliferation and differentiation of ovine preadipocyte. Journal of Cellular Biochemistry, 2019, 120, 19578-19589. | 2.6 | 19 |
| 30 | Effects of l-arginine on endometrial estrogen receptor Î±/Î² and progesterone receptor expression in nutrient-restricted sheep. Theriogenology, 2019, 138, 137-144. | 2.1 | 9 |
| 31 | The Expression Pattern of p32 in Sheep Muscle and Its Role in Differentiation, Cell Proliferation, and Apoptosis of Myoblasts. International Journal of Molecular Sciences, 2019, 20, 5161. | 4.1 | 5 |
| 32 | Effect of PPARGC1A on the development and metabolism of early rabbit embryos in vitro. Molecular Reproduction and Development, 2019, 86, 1758-1770. | 2.0 | 7 |
| 33 | Highly methylated Xist in SCNT embryos was retained in deceased cloned female goats. Reproduction, Fertility and Development, 2019, 31, 855. | 0.4 | 12 |
| 34 | Suppression of miR-1197â€“3p attenuates H2O2-induced apoptosis of goat luteinized granulosa cells via targeting PPARGC1A. Theriogenology, 2019, 132, 72-82. | 2.1 | 6 |
| 35 | Pituitary Transcriptomic Study Reveals the Differential Regulation of lncRNAs and mRNAs Related to Prolificacy in Different FecB Genotyping Sheep. Genes, 2019, 10, 157. | 2.4 | 47 |
| 36 | Induction of goat bone marrow mesenchymal stem cells into putative male germ cells using mRNA for STRA8, BOULE and DAZL. Cytotechnology, 2019, 71, 563-572. | 1.6 | 17 |

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|---|---|---|---|
| 37 | Genome-wide differential expression profiling of mRNAs and lncRNAs associated with prolificacy in Hu sheep. Bioscience Reports, 2018, 38, . | 2.4 | 66 |
| 38 | Effects of nutrient restriction and arginine treatment on oxidative stress in the ovarian tissue of ewes during the luteal phase. Theriogenology, 2018, 113, 127-136. | 2.1 | 14 |
| 39 | Comprehensive analysis of long noncoding RNA and mRNA expression patterns in sheep testicular maturationâ€. Biology of Reproduction, 2018, 99, 650-661. | 2.7 | 47 |
| 40 | Influences of different dietary energy level on sheep testicular development associated with AMPK/ULK1/autophagy pathway. Theriogenology, 2018, 108, 362-370. | 2.1 | 26 |
| 41 | InÂvitro influence of selenium on the proliferation of and steroidogenesis in goat luteinized granulosa cells. Theriogenology, 2018, 114, 70-80. | 2.1 | 32 |
| 42 | Long noncoding RNAs exchange during zygotic genome activation in goatâ€. Biology of Reproduction, 2018, 99, 707-717. | 2.7 | 48 |
| 43 | Effects of l-arginine on endometrial microvessel density in nutrient-restricted Hu sheep. Theriogenology, 2018, 119, 252-258. | 2.1 | 9 |
| 44 | Role of FGF9 in sheep testis steroidogenesis during sexual maturation. Animal Reproduction Science, 2018, 197, 177-184. | 1.5 | 9 |
| 45 | Overexpression of STRA8, BOULE, and DAZL Genes Promotes Goat Bone Marrow-Derived Mesenchymal Stem Cells In Vitro Transdifferentiation Toward Putative Male Germ Cells. Reproductive Sciences, 2017, 24, 300-312. | 2.5 | 28 |
| 46 | Characterization of GALNTL5 gene sequence and expression in ovine testes and sperm. Theriogenology, 2017, 95, 54-61. | 2.1 | 20 |
| 47 | Effects of diet and arginine treatment during the luteal phase on ovarian NO/PGC-1Î± signaling in ewes. Theriogenology, 2017, 96, 76-84. | 2.1 | 18 |
| 48 | Bisphenol A affects cell viability involved in autophagy and apoptosis in goat testis sertoli cell. Environmental Toxicology and Pharmacology, 2017, 55, 137-147. | 4.0 | 43 |
| 49 | Vitamin D receptor expression and potential role of vitamin D on cell proliferation and steroidogenesis in goat ovarian granulosa cells. Theriogenology, 2017, 102, 162-173. | 2.1 | 53 |
| 50 | Long noncoding RNA expression profile changes associated with dietary energy in the sheep testis during sexual maturation. Scientific Reports, 2017, 7, 5180. | 3.3 | 51 |
| 51 | Effect of PGC-1Î± overexpression or silencing on mitochondrial apoptosis of goat luteinized granulosa cells. Journal of Bioenergetics and Biomembranes, 2016, 48, 493-507. | 2.3 | 34 |
| 52 | N-carbamylglutamate and L-arginine improved maternal and placental development in underfed ewes. Reproduction, 2016, 151, 623-635. | 2.6 | 51 |
| 53 | Generation and evaluation of Myostatin knock-out rabbits and goats using CRISPR/Cas9 system. Scientific Reports, 2016, 6, 29855. | 3.3 | 71 |
| 54 | Abnormal expression of DNA methyltransferases and genomic imprinting in cloned goat fibroblasts. Cell Biology International, 2016, 40, 74-82. | 3.0 | 15 |

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|---|---|---|---|
| 55 | Age-associated changes in gene expression of goat oocytes. Theriogenology, 2013, 80, 328-336. | 2.1 | 31 |