Xingxu Zhao

List of Publications by Year
in descending order

49 papers	433 citations	1040056 9 h-index	888059 17 g-index
49 all docs	49 docs citations	49 times ranked	563 citing authors

#	Article	IF	Citations
1	Profile of melatonin and its receptors and synthesizing enzymes in cumulusâ€"oocyte complexes of the developing sheep antral follicleâ€"a potential estradiol-mediated mechanism. Reproductive Biology and Endocrinology, 2019, 17, 1.	3.3	77
2	Differential proteome association study of freeze-thaw damage in ram sperm. Cryobiology, 2016, 72, 60-68.	0.7	50
3	Comprehensive Analysis of MicroRNAâ€"Messenger RNA from White Yak Testis Reveals the Differentially Expressed Molecules Involved in Development and Reproduction. International Journal of Molecular Sciences, 2018, 19, 3083.	4.1	19
4	Molecular Cloning, Bioinformatics Analysis and Expression of Insulin-Like Growth Factor 2 from Tianzhu White Yak, Bos grunniens. International Journal of Molecular Sciences, 2014, 15, 504-524.	4.1	18
5	Analysis of copy number variations by SNP50 BeadChip array in Chinese sheep. Genomics, 2015, 106, 295-300.	2.9	18
6	Expression of melatonin and its related synthase and membrane receptors in the oestrous corpus luteum and corpus luteum verum of sheep. Reproduction in Domestic Animals, 2018, 53, 1142-1148.	1.4	14
7	Expression of oestrogen receptor, androgen receptor and progesterone nuclear receptor in sheep uterus during the oestrous cycle. Reproduction in Domestic Animals, 2019, 54, 1305-1312.	1.4	12
8	Unraveling Stage-Dependent Expression Patterns of Circular RNAs and Their Related ceRNA Modulation in Ovine Postnatal Testis Development. Frontiers in Cell and Developmental Biology, 2021, 9, 627439.	3.7	12
9	A novel rapid detection of Senecavirus A using recombinase polymerase amplification (RPA) coupled with lateral flow (LF) dipstrip. Analytical Biochemistry, 2022, 646, 114627.	2.4	12
10	Development of a live vector vaccine against infectious hematopoietic necrosis virus in rainbow trout. Fish and Shellfish Immunology, 2019, 89, 516-524.	3.6	11
11	Histomorphological Comparisons and Expression Patterns of BOLL Gene in Sheep Testes at Different Development Stages. Animals, 2019, 9, 105.	2.3	10
12	Protective effects of nuclear factor erythroid 2-related factor on oxidative stress and apoptosis in the testis of mice before adulthood. Theriogenology, 2020, 148, 112-121.	2.1	10
13	Induction of matrix metalloproteinase-9 and -2 activity in mouse blastocyst by fibronectin-integrin interaction. Science Bulletin, 2000, 45, 1266-1270.	1.7	9
14	Characterization of GLOD4 in Leydig Cells of Tibetan Sheep During Different Stages of Maturity. Genes, 2019, 10, 796.	2.4	9
15	Comparative Profiling of MicroRNAs Reveals the Underlying Toxicological Mechanism in Mice Testis Following Carbon Ion Radiation. Dose-Response, 2018, 16, 155932581877863.	1.6	8
16	Digital gene expression analyses of mammary glands from meat ewes naturally infected with clinical mastitis. Royal Society Open Science, 2019, 6, 181604.	2.4	8
17	Yak FOXO1 and FOXO3 SNPs and association with production traits, and their promotes cells apoptosis via RNAi. Gene, 2020, 743, 144592.	2.2	8
18	Cloning, Molecular Characterization and Expression Patterns of DMRTC2 Implicated in Germ Cell Development of Male Tibetan Sheep. International Journal of Molecular Sciences, 2020, 21, 2448.	4.1	8

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19	Dihydrotestosterone regulates oestrogen secretion, oestrogen receptor expression, and apoptosis in granulosa cells during antral follicle development. Journal of Steroid Biochemistry and Molecular Biology, 2021, 207, 105819.	2.5	8
20	Dihydrotestosterone synthesis in the sheep corpus luteum and its potential mechanism in luteal regression. Journal of Cellular Physiology, 2019, 234, 15182-15193.	4.1	7
21	Screening for reproductive biomarkers in Bactrian camel via iTRAQ analysis of proteomes. Reproduction in Domestic Animals, 2020, 55, 189-199.	1.4	7
22	Gene expression patterns and protein cellular localization suggest a novel role for DAZL in developing Tibetan sheep testes. Gene, 2020, 731, 144335.	2.2	7
23	Heavy ion radiation can promote greater motility and enolase protein expression in ram sperm in in vitro liquid storage. Animal Reproduction Science, 2014, 148, 260-266.	1.5	6
24	MITF and PU.1 inhibit adipogenesis of ovine primary preadipocytes by restraining C/EBPÎ². Cellular and Molecular Biology Letters, 2017, 22, 2.	7.0	6
25	Follicleâ€stimulating hormone and luteinizing hormone regulate the synthesis mechanism of dihydrotestosterone in sheep granulosa cells. Reproduction in Domestic Animals, 2021, 56, 292-300.	1.4	6
26	Metabolomic analysis of untargeted bovine uterine secretions in dairy cows with endometritis using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. Research in Veterinary Science, 2021, 139, 51-58.	1.9	6
27	Using vaginal discharge score (VDS) grading system to evaluate the effect of clinical endometritis on reproductive performance of dairy cows in China. Animal Reproduction, 2021, 18, e20200228.	1.0	6
28	Loss of protein kinase 2 subunit alpha 2 (CK2Î±â€™) effect ram sperm function after freezing and thawing process. Animal Reproduction Science, 2017, 181, 9-15.	1.5	5
29	Proteomic analyses of ram (Ovis aries) testis during different developmental stages. Animal Reproduction Science, 2018, 189, 93-102.	1.5	5
30	Expression and cellular localization of double sex and mab-3 related transcription factor 1 in testes of postnatal Small-Tail Han sheep at different developmental stages. Gene, 2018, 642, 467-473.	2.2	5
31	Androgen receptor, aromatase, oestrogen receptor Î±/Î² and G proteinâ€coupled receptor 30 expression in the testes and epididymides of adult sheep. Reproduction in Domestic Animals, 2020, 55, 460-468.	1.4	5
32	Proteomic Analysis of the Follicular Fluid of Tianzhu White Yak during Diestrus. International Journal of Molecular Sciences, 2014, 15, 4481-4491.	4.1	4
33	Proteomic Analyses of Mammary Glands Provide Insight into the Immunity and Metabolism Pathways Associated with Clinical Mastitis in Meat Sheep. Animals, 2019, 9, 309.	2.3	4
34	Comparative Analysis of Mitochondrial Proteome Reveals the Mechanism of Enhanced Ram Sperm Motility Induced by Carbon Ion Radiation After In Vitro Liquid Storage. Dose-Response, 2019, 17, 155932581882399.	1.6	4
35	Yak OXGR1 promotes fibroblast proliferation via the PI3K/AKT pathways. Journal of Cellular Biochemistry, 2019, 120, 6729-6740.	2.6	4
36	17Î²-estradiol protects sheep oviduct epithelial cells against lipopolysaccharide-induced inflammation in vitro. Molecular Immunology, 2020, 127, 21-30.	2.2	4

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37	Distinct expression and localization patterns of HSP70 in developmental reproductive organs of rams. Gene, 2020, 760, 145029.	2.2	4
38	Integrating miRNA and mRNA Profiling to Assess the Potential miRNAâ€“mRNA Modules Linked With Testicular Immune Homeostasis in Sheep. Frontiers in Veterinary Science, 2021, 8, 647153.	2.2	4
39	Sulfur Amino Acid Metabolism and the Role of Endogenous Cystathionine-Î³-lyase/H2S in Holstein Cows with Clinical Mastitis. Animals, 2022, 12, 1451.	2.3	4
40	Transcriptomic analysis of gene expression in normal goat ovary and intersex goat gonad. Reproduction in Domestic Animals, 2021, 56, 12-25.	1.4	2
41	Regulation of mouse blastocyst adhesion, outgrowth and matrix metalloproteinase-2 by focal adhesion kinase. Science Bulletin, 2003, 48, 475-479.	1.7	1
42	Valproic Acid Enhance Reprogramming of Bactrian Camel Cells through Promoting the Expression of Endogenous Gene c-Myc and the Process of Angiogenesis. International Journal of Stem Cells, 2021, 14, 191-202.	1.8	1
43	Regulatory role of dihydrotestosterone on BMP-6 receptors in granular cells of sheep antral follicles. Gene, 2021, 810, 146066.	2.2	1
44	RBP4 regulates androgen receptor expression and steroid synthesis in Sertoli cells from Bactrian camels. Reproduction in Domestic Animals, 2022, , .	1.4	1
45	Î²-Estradiol inhibits melatonin synthesis and melatonin receptor expression in sheep granulosa cells. Gene, 2022, 814, 146128.	2.2	1
46	Expression of dihydrotestosterone synthases and androgen receptor in sheep oviduct ampulla and its regulation by estradiol and progesterone. Reproductive Biology, 2022, 22, 100573.	1.9	1
47	Exploring the Action Mechanism of the Active Ingredient of Quercetin in Ligustrum lucidum on the Mouse Mastitis Model Based on Network Pharmacology and Molecular Biology Validation. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-8.	1.2	1
48	Role of AURKA in the hypothalamusâ€“pituitaryâ€“testicular axis in Tibetan sheep from Tianzhu. General and Comparative Endocrinology, 2021, 300, 113617.	1.8	0
49	Screening and Identification of Differential Ovarian Proteins before and after Induced Ovulation via Seminal Plasma in Bactrian Camels. Animals, 2021, 11, 3512.	2.3	0