

Xing-Xu Zhao

List of Publications by Year in descending order

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54
papers

538
citations

840119

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752256

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all docs

55
docs citations

55
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Profile of melatonin and its receptors and synthesizing enzymes in cumulus oocyte complexes of the developing sheep antral follicle—a potential estradiol-mediated mechanism. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 1.	1.4	77
2	Differential proteome association study of freeze-thaw damage in ram sperm. <i>Cryobiology</i> , 2016, 72, 60-68.	0.3	50
3	Identification of copy number variations in Qinchuan cattle using BovineHD Genotyping Beadchip array. <i>Molecular Genetics and Genomics</i> , 2015, 290, 319-327.	1.0	48
4	Comparative transcriptomics and histopathological analysis of crucian carp infection by atypical <i>Aeromonas salmonicida</i> . <i>Fish and Shellfish Immunology</i> , 2019, 94, 294-307.	1.6	30
5	Proteomic analysis of mammary tissues from healthy cows and clinical mastitic cows for identification of disease-related proteins. <i>Veterinary Research Communications</i> , 2009, 33, 295-303.	0.6	21
6	Comprehensive Analysis of MicroRNA-Messenger RNA from White Yak Testis Reveals the Differentially Expressed Molecules Involved in Development and Reproduction. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3083.	1.8	19
7	Molecular Cloning, Bioinformatics Analysis and Expression of Insulin-Like Growth Factor 2 from Tianzhu White Yak, <i>Bos grunniens</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 504-524.	1.8	18
8	Yak IGF2 Promotes Fibroblast Proliferation Via Suppression of IGF1R and PI3KCG Expression. <i>Genes</i> , 2018, 9, 169.	1.0	16
9	Identification and verification of potential piRNAs from domesticated yak testis. <i>Reproduction</i> , 2018, 155, 117-127.	1.1	15
10	Melatonin protects against lipopolysaccharide-induced epididymitis in sheep epididymal epithelial cells in vitro. <i>Immunology Letters</i> , 2019, 214, 45-51.	1.1	15
11	Expression of melatonin and its related synthase and membrane receptors in the oestrous corpus luteum and corpus luteum verum of sheep. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1142-1148.	0.6	14
12	Expression of oestrogen receptor, androgen receptor and progesterone nuclear receptor in sheep uterus during the oestrous cycle. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1305-1312.	0.6	12
13	Unraveling Stage-Dependent Expression Patterns of Circular RNAs and Their Related ceRNA Modulation in Ovine Postnatal Testis Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 627439.	1.8	12
14	Development of a live vector vaccine against infectious hematopoietic necrosis virus in rainbow trout. <i>Fish and Shellfish Immunology</i> , 2019, 89, 516-524.	1.6	11
15	Histomorphological Comparisons and Expression Patterns of BOLL Gene in Sheep Testes at Different Development Stages. <i>Animals</i> , 2019, 9, 105.	1.0	10
16	Proteomic analysis of Tianzhu White Yak (<i>Bos grunniens</i>) testis at different sexual developmental stages. <i>Animal Science Journal</i> , 2019, 90, 333-343.	0.6	10
17	Protective effects of nuclear factor erythroid 2-related factor on oxidative stress and apoptosis in the testis of mice before adulthood. <i>Theriogenology</i> , 2020, 148, 112-121.	0.9	10
18	Characterization of GLOD4 in Leydig Cells of Tibetan Sheep During Different Stages of Maturity. <i>Genes</i> , 2019, 10, 796.	1.0	9

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19	Yak FOXO1 and FOXO3 SNPs and association with production traits, and their promotes cells apoptosis via RNAi. <i>Gene</i> , 2020, 743, 144592.	1.0	8
20	Dihydrotestosterone regulates oestrogen secretion, oestrogen receptor expression, and apoptosis in granulosa cells during antral follicle development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 207, 105819.	1.2	8
21	Molecular Characteristics of the HO1 Gene in Yak are Potentially Adaptive for High Altitude Habitats. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 2698-2705.	0.4	8
22	Screening for reproductive biomarkers in Bactrian camel via iTRAQ analysis of proteomes. <i>Reproduction in Domestic Animals</i> , 2020, 55, 189-199.	0.6	7
23	Heavy ion radiation can promote greater motility and enolase protein expression in ram sperm in vitro liquid storage. <i>Animal Reproduction Science</i> , 2014, 148, 260-266.	0.5	6
24	Follicle-stimulating hormone and luteinizing hormone regulate the synthesis mechanism of dihydrotestosterone in sheep granulosa cells. <i>Reproduction in Domestic Animals</i> , 2021, 56, 292-300.	0.6	6
25	Metabolomic analysis of untargeted bovine uterine secretions in dairy cows with endometritis using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Research in Veterinary Science</i> , 2021, 139, 51-58.	0.9	6
26	The Distribution, Expression Patterns and Functional Analysis of NR1D1 and NR4A2 in the Reproductive Axis Tissues of the Male Tianzhu White Yak. <i>Animals</i> , 2021, 11, 3117.	1.0	6
27	Loss of protein kinase 2 subunit alpha 2 (CK2 α 2) effect ram sperm function after freezing and thawing process. <i>Animal Reproduction Science</i> , 2017, 181, 9-15.	0.5	5
28	Proteomic analyses of ram (<i>Ovis aries</i>) testis during different developmental stages. <i>Animal Reproduction Science</i> , 2018, 189, 93-102.	0.5	5
29	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. <i>Gene</i> , 2018, 642, 467-473.	1.0	5
30	A recombinant adenovirus targeting typical <i>Aeromonas salmonicida</i> induces an antibody-mediated adaptive immune response after immunization of rainbow trout. <i>Microbial Pathogenesis</i> , 2019, 133, 103559.	1.3	5
31	Effects of <i>Bombyx mori</i> nuclear polyhedrosis virus on serpin and antibacterial peptide expression in <i>B. mori</i> . <i>Microbial Pathogenesis</i> , 2019, 130, 137-145.	1.3	5
32	Androgen receptor, aromatase, oestrogen receptor β and G protein-coupled receptor 30 expression in the testes and epididymides of adult sheep. <i>Reproduction in Domestic Animals</i> , 2020, 55, 460-468.	0.6	5
33	Development of a live vector vaccine against infectious pancreatic necrosis virus in rainbow trout. <i>Aquaculture</i> , 2020, 524, 735275.	1.7	5
34	Proteomic Analysis of the Follicular Fluid of Tianzhu White Yak during Diestrus. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4481-4491.	1.8	4
35	Proteomic Analyses of Mammary Glands Provide Insight into the Immunity and Metabolism Pathways Associated with Clinical Mastitis in Meat Sheep. <i>Animals</i> , 2019, 9, 309.	1.0	4
36	Comparative Analysis of Mitochondrial Proteome Reveals the Mechanism of Enhanced Ram Sperm Motility Induced by Carbon Ion Radiation After In Vitro Liquid Storage. <i>Dose-Response</i> , 2019, 17, 155932581882399.	0.7	4

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37	Yak <i>OxGR1</i> promotes fibroblast proliferation via the PI3K/AKT pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6729-6740.	1.2	4
38	17 β -estradiol protects sheep oviduct epithelial cells against lipopolysaccharide-induced inflammation in vitro. <i>Molecular Immunology</i> , 2020, 127, 21-30.	1.0	4
39	Distinct expression and localization patterns of HSP70 in developmental reproductive organs of rams. <i>Gene</i> , 2020, 760, 145029.	1.0	4
40	Integrating miRNA and mRNA Profiling to Assess the Potential miRNA-mRNA Modules Linked With Testicular Immune Homeostasis in Sheep. <i>Frontiers in Veterinary Science</i> , 2021, 8, 647153.	0.9	4
41	Sulfur Amino Acid Metabolism and the Role of Endogenous Cystathionine- β -lyase/H2S in Holstein Cows with Clinical Mastitis. <i>Animals</i> , 2022, 12, 1451.	1.0	4
42	Syce1 and Syce3 regulate testosterone and dihydrotestosterone synthesis via steroidogenic pathways in mouse Sertoli and Leydig cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 223, 106135.	1.2	4
43	Baculoviral infection reduces the expression of four allergen proteins of silkworm pupa. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 100, e21539.	0.6	3
44	Regulation of progesterone during follicular development by FSH and LH in sheep. <i>Animal Reproduction</i> , 2022, 19, .	0.4	3
45	Transcriptomic analysis of gene expression in normal goat ovary and intersex goat gonad. <i>Reproduction in Domestic Animals</i> , 2021, 56, 12-25.	0.6	2
46	Effect of dihydrotestosterone on melatonin secretion and the expression of melatonin receptors and apoptosis-related factors in sheep epididymides. <i>Reproduction in Domestic Animals</i> , 0, , .	0.6	2
47	Differential Proteomic Analysis of Carbon Ion Radiation in Sheep Sperm. <i>Journal of Integrative Agriculture</i> , 2013, 12, 1629-1637.	1.7	1
48	Regulatory role of dihydrotestosterone on BMP-6 receptors in granular cells of sheep antral follicles. <i>Gene</i> , 2021, 810, 146066.	1.0	1
49	RBP4 regulates androgen receptor expression and steroid synthesis in Sertoli cells from Bactrian camels. <i>Reproduction in Domestic Animals</i> , 2022, , .	0.6	1
50	β -Estradiol inhibits melatonin synthesis and melatonin receptor expression in sheep granulosa cells. <i>Gene</i> , 2022, 814, 146128.	1.0	1
51	Expression of dihydrotestosterone synthases and androgen receptor in sheep oviduct ampulla and its regulation by estradiol and progesterone. <i>Reproductive Biology</i> , 2022, 22, 100573.	0.9	1
52	Comparative Proteomic Analysis of Plasma from Clinical Healthy Cows and Mastitic Cows. <i>Agricultural Sciences in China</i> , 2009, 8, 1263-1269.	0.6	0
53	Role of AURKA in the hypothalamus-pituitary-testicular axis in Tibetan sheep from Tianzhu. <i>General and Comparative Endocrinology</i> , 2021, 300, 113617.	0.8	0
54	Screening and Identification of Differential Ovarian Proteins before and after Induced Ovulation via Seminal Plasma in Bactrian Camels. <i>Animals</i> , 2021, 11, 3512.	1.0	0