

# Xingxu Zhao

## List of Publications by Year in descending order

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49  
papers

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887659

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#	ARTICLE	IF	CITATIONS
1	RBP4 regulates androgen receptor expression and steroid synthesis in Sertoli cells from Bactrian camels. <i>Reproduction in Domestic Animals</i> , 2022, , .	0.6	1
2	17 $\beta$ -Estradiol inhibits melatonin synthesis and melatonin receptor expression in sheep granulosa cells. <i>Gene</i> , 2022, 814, 146128.	1.0	1
3	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
4	A novel rapid detection of Senecavirus A using recombinase polymerase amplification (RPA) coupled with lateral flow (LF) dipstrip. <i>Analytical Biochemistry</i> , 2022, 646, 114627.	1.1	12
5	Sulfur Amino Acid Metabolism and the Role of Endogenous Cystathionine- $\beta$ -lyase/H2S in Holstein Cows with Clinical Mastitis. <i>Animals</i> , 2022, 12, 1451.	1.0	4
6	Exploring the Action Mechanism of the Active Ingredient of Quercetin in <i>Ligustrum lucidum</i> on the Mouse Mastitis Model Based on Network Pharmacology and Molecular Biology Validation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-8.	0.5	1
7	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
8	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
9	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
10	Valproic Acid Enhance Reprogramming of Bactrian Camel Cells through Promoting the Expression of Endogenous Gene c-Myc and the Process of Angiogenesis. <i>International Journal of Stem Cells</i> , 2021, 14, 191-202.	0.8	1
11	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
12	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
13	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
14	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
15	Using vaginal discharge score (VDS) grading system to evaluate the effect of clinical endometritis on reproductive performance of dairy cows in China. <i>Animal Reproduction</i> , 2021, 18, e20200228.	0.4	6
16	Regulatory role of dihydrotestosterone on BMP-6 receptors in granular cells of sheep antral follicles. <i>Gene</i> , 2021, 810, 146066.	1.0	1
17	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
18	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

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19	17 $\beta$ -estradiol protects sheep oviduct epithelial cells against lipopolysaccharide-induced inflammation in vitro. <i>Molecular Immunology</i> , 2020, 127, 21-30.	1.0	4
20	Distinct expression and localization patterns of HSP70 in developmental reproductive organs of rams. <i>Gene</i> , 2020, 760, 145029.	1.0	4
21	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
22	Androgen receptor, aromatase, oestrogen receptor $\alpha$ / $\beta$ 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
23	Gene expression patterns and protein cellular localization suggest a novel role for DAZL in developing Tibetan sheep testes. <i>Gene</i> , 2020, 731, 144335.	1.0	7
24	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
25	Cloning, Molecular Characterization and Expression Patterns of DMRTC2 Implicated in Germ Cell Development of Male Tibetan Sheep. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2448.	1.8	8
26	Digital gene expression analyses of mammary glands from meat ewes naturally infected with clinical mastitis. <i>Royal Society Open Science</i> , 2019, 6, 181604.	1.1	8
27	Characterization of GLOD4 in Leydig Cells of Tibetan Sheep During Different Stages of Maturity. <i>Genes</i> , 2019, 10, 796.	1.0	9
28	Dihydrotestosterone synthesis in the sheep corpus luteum and its potential mechanism in luteal regression. <i>Journal of Cellular Physiology</i> , 2019, 234, 15182-15193.	2.0	7
29	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
30	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
31	Histomorphological Comparisons and Expression Patterns of BOLL Gene in Sheep Testes at Different Development Stages. <i>Animals</i> , 2019, 9, 105.	1.0	10
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Comparative Profiling of MicroRNAs Reveals the Underlying Toxicological Mechanism in Mice Testis Following Carbon Ion Radiation. <i>Dose-Response</i> , 2018, 16, 155932581877863.	0.7	8
41	Loss of protein kinase 2 subunit alpha 2 (CK2 $\alpha$ 2) effect ram sperm function after freezing and thawing process. <i>Animal Reproduction Science</i> , 2017, 181, 9-15.	0.5	5
42	MITF and PU.1 inhibit adipogenesis of ovine primary preadipocytes by restraining C/EBP $\beta$ . <i>Cellular and Molecular Biology Letters</i> , 2017, 22, 2.	2.7	6
43	Differential proteome association study of freeze-thaw damage in ram sperm. <i>Cryobiology</i> , 2016, 72, 60-68.	0.3	50
44	Analysis of copy number variations by SNP50 BeadChip array in Chinese sheep. <i>Genomics</i> , 2015, 106, 295-300.	1.3	18
45	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
46	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
47	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
48	Regulation of mouse blastocyst adhesion, outgrowth and matrix metalloproteinase-2 by focal adhesion kinase. <i>Science Bulletin</i> , 2003, 48, 475-479.	1.7	1
49	Induction of matrix metalloproteinase-9 and -2 activity in mouse blastocyst by fibronectin-integrin interaction. <i>Science Bulletin</i> , 2000, 45, 1266-1270.	1.7	9