

# Xiangguo Wang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

329  
citations

12  
h-index

17  
g-index

38  
ext. papers

502  
ext. citations

4.1  
avg, IF

3.34  
L-index

#	Paper	IF	Citations
33	Cathepsin L involved in the freezing resistance of murine normal hatching embryos and dormant embryos.. <i>Reproductive Biology</i> , <b>2022</b> , 22, 100612	2.3	1
32	Research Note: Dietary supplementation with pyrroloquinoline quinone disodium (PQQ.Na) improves oxidative status and semen quality in aging layer breeder roosters.. <i>Poultry Science</i> , <b>2022</b> , 101, 101812	3.9	
31	Natural astaxanthin enhanced antioxidant capacity and improved semen quality through the MAPK/Nrf2 pathway in aging layer breeder roosters. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 112	6	2
30	Evolutionary epigenomic analyses in mammalian early embryos reveal species-specific innovations and conserved principles of imprinting. <i>Science Advances</i> , <b>2021</b> , 7, eabi6178	14.3	3
29	Dihydrotestosterone through blockade of TGF- $\beta$ /Smad signaling mediates the anti-fibrosis effect under hypoxia in canine Sertoli cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 216, 106041	5.1	1
28	GPER mediates the IL6/JAK2/STAT3 pathway involved in VEGF expression in swine ovary GCs. <i>Journal of Molecular Endocrinology</i> , <b>2021</b> , 68, 23-33	4.5	0
27	Epididymal mRNA and miRNA transcriptome analyses reveal important genes and miRNAs related to sperm motility in roosters. <i>Poultry Science</i> , <b>2021</b> , 101, 101558	3.9	0
26	circHIPK3 regulates proliferation and differentiation of myoblast through the miR-7/TCF12 pathway. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 6793-6805	7	6
25	Dietary supplementation with natural astaxanthin from <i>Haematococcus pluvialis</i> improves antioxidant enzyme activity, free radical scavenging ability, and gene expression of antioxidant enzymes in laying hens. <i>Poultry Science</i> , <b>2021</b> , 100, 101045	3.9	4
24	Exosomes from bovine endometrial epithelial cells ensure trophoblast cell development by miR-218 targeting secreted frizzled related protein 2. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 4565-4579	7	3
23	Angiogenic Microspheres for the Treatment of a Thin Endometrium. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 4914-4920	5.5	12
22	Dihydrotestosterone regulation of cyclooxygenase-2 expression in bovine endometrial epithelium cells by androgen receptor mediated EGFR/PI3K/Akt pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 214, 106001	5.1	0
21	An integrated analysis of testis miRNA and mRNA transcriptome reveals important functional miRNA-targets in reproduction traits of roosters. <i>Reproductive Biology</i> , <b>2020</b> , 20, 433-440	2.3	2
20	Identification of Differentially Expressed MicroRNAs and Their Potential Target Genes in Adipose Tissue from Pigs with Highly Divergent Backfat Thickness. <i>Animals</i> , <b>2020</b> , 10,	3.1	4
19	Effects of supplementing natural astaxanthin from <i>Haematococcus pluvialis</i> to laying hens on egg quality during storage at 4°C and 25°C. <i>Poultry Science</i> , <b>2020</b> , 99, 6877-6883	3.9	5
18	Effects of dietary supplementation of natural astaxanthin from <i>Haematococcus pluvialis</i> on antioxidant capacity, lipid metabolism, and accumulation in the egg yolk of laying hens. <i>Poultry Science</i> , <b>2020</b> , 99, 5874-5882	3.9	13
17	Exosome-derived uterine miR-218 isolated from cows with endometritis regulates the release of cytokines and chemokines. <i>Microbial Biotechnology</i> , <b>2020</b> , 13, 1103-1117	6.3	10

16	Comparative adipose transcriptome analysis digs out genes related to fat deposition in two pig breeds. <i>Scientific Reports</i> , <b>2019</b> , 9, 12925	4.9	16
15	Relation of the -- Operon and the Gene to the Intracellular Survival of Serovar Typhimurium. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
14	Exosome-derived uterine microRNAs isolated from cows with endometritis impede blastocyst development. <i>Reproductive Biology</i> , <b>2019</b> , 19, 204-209	2.3	19
13	Oxidative and endoplasmic reticulum stresses are involved in palmitic acid-induced H9c2 cell apoptosis. <i>Bioscience Reports</i> , <b>2019</b> , 39,	4.1	26
12	Dietary supplementation with linseed oil improves semen quality, reproductive hormone, gene and protein expression related to testosterone synthesis in aging layer breeder roosters. <i>Theriogenology</i> , <b>2019</b> , 131, 9-15	2.8	14
11	Role of endoplasmic reticulum stress in lipopolysaccharide-inhibited mouse granulosa cell estradiol production. <i>Journal of Reproduction and Development</i> , <b>2019</b> , 65, 459-465	2.1	14
10	Transcriptional analyses of endometrial caruncles in sheep with in vivo / in vitro produced embryos during the peri-implantation period. <i>Reproductive Biology</i> , <b>2019</b> , 19, 404-411	2.3	1
9	Expression and function of MUC1 in uterine tissues during early pregnancy in sheep after natural oestrous or artificially-induced oestrous. <i>Theriogenology</i> , <b>2018</b> , 108, 339-347	2.8	3
8	Screening somatic cell nuclear transfer parameters for generation of transgenic cloned cattle with intragenomic integration of additional gene copies that encode bovine adipocyte-type fatty acid-binding protein (A-FABP). <i>Molecular Biology Reports</i> , <b>2017</b> , 44, 159-168	2.8	8
7	Brucella suis Vaccine Strain 2 Induces Endoplasmic Reticulum Stress that Affects Intracellular Replication in Goat Trophoblast Cells In vitro. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2016</b> , 6, 19	5.9	23
6	Establishment and evaluation of a stable steroidogenic goat Leydig cell line. <i>Animal Science Journal</i> , <b>2016</b> , 87, 492-502	1.8	9
5	Mycotoxin zearalenone induces apoptosis in mouse Leydig cells via an endoplasmic reticulum stress-dependent signalling pathway. <i>Reproductive Toxicology</i> , <b>2015</b> , 52, 71-7	3.4	68
4	Brucella suis vaccine strain S2-infected immortalized caprine endometrial epithelial cell lines induce non-apoptotic ER-stress. <i>Cell Stress and Chaperones</i> , <b>2015</b> , 20, 399-409	4	13
3	Deep sequencing analysis of microRNAs in bovine sperm. <i>Molecular Reproduction and Development</i> , <b>2014</b> , 81, 1042-52	2.6	30
2	CREBZF expression and hormonal regulation in the mouse uterus. <i>Reproductive Biology and Endocrinology</i> , <b>2013</b> , 11, 110	5	13
1	An alternative method for cDNA cloning from surrogate eukaryotic cells transfected with the corresponding genomic DNA. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 1251-5	3	2