

Xu Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

453
citations

623188

14
h-index

794141

19
g-index

41
all docs

41
docs citations

41
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of ammonia on apoptosis and oxidative stress in bovine mammary epithelial cells. <i>Mutagenesis</i> , 2018, 33, 291-299.	1.0	32
2	Follicular fluid exosomes: Important modulator in proliferation and steroid synthesis of porcine granulosa cells. <i>FASEB Journal</i> , 2021, 35, e21610.	0.2	28
3	Protective Effects of Astragaloside IV against LPS-Induced Endometritis in Mice through Inhibiting Activation of the NF- κ B, p38 and JNK Signaling Pathways. <i>Molecules</i> , 2019, 24, 373.	1.7	27
4	Research advances on embryonic diapause in mammals. <i>Animal Reproduction Science</i> , 2018, 198, 1-10.	0.5	26
5	Exogenous hydrogen sulfide prevents lipopolysaccharide-induced inflammation by blocking the TLR4/NF- κ B pathway in MAC-T cells. <i>Gene</i> , 2019, 710, 114-121.	1.0	26
6	Physiological and pathological implications of retinoid action in the endometrium. <i>Journal of Endocrinology</i> , 2018, 236, R169-R188.	1.2	23
7	Astragaloside IV Alleviates Ammonia-Induced Apoptosis and Oxidative Stress in Bovine Mammary Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 600.	1.8	22
8	The expression and putative role of brain-derived neurotrophic factor and its receptor in bovine sperm. <i>Theriogenology</i> , 2012, 77, 636-643.	0.9	19
9	Follicle-stimulating hormone (FSH) promotes retinol uptake and metabolism in the mouse ovary. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 52.	1.4	19
10	Brain-derived neurotrophic factor promotes proliferation and progesterone synthesis in bovine granulosa cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 8776-8787.	2.0	18
11	MicroRNA-16 Modulates Melatonin-Induced Cell Growth in the Mouse-Derived Spermatogonia Cell Line GC-1 spg Cells by Targeting Ccnd1. <i>Biology of Reproduction</i> , 2016, 95, 57-57.	1.2	17
12	BDNF-induced expansion of cumulus-oocyte complexes in pigs was mediated by microRNA-205. <i>Theriogenology</i> , 2016, 85, 1476-1482.	0.9	17
13	Potential role of retinoids in ovarian physiology and pathogenesis of polycystic ovary syndrome. <i>Clinica Chimica Acta</i> , 2017, 469, 87-93.	0.5	17
14	The interactions between nerve growth factor and gonadotrophins in bovine oviduct. <i>Animal Reproduction Science</i> , 2014, 149, 117-123.	0.5	14
15	Melatonin promotes the proliferation of GC-1 spg cells by inducing metallothionein-2 expression through ERK1/2 signaling pathway activation. <i>Oncotarget</i> , 2017, 8, 65627-65641.	0.8	14
16	Regulation by FSH of the dynamic expression of retinol-binding protein 4 in the mouse ovary. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 25.	1.4	14
17	Effect of inhibin A on proliferation of porcine granulosa cells in vitro. <i>Theriogenology</i> , 2018, 114, 136-142.	0.9	13
18	Association of inhibin- β gene polymorphisms with follicular cysts in large white sows. <i>Theriogenology</i> , 2015, 84, 839-845.	0.9	10

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19	Damage to the Testicular Structure of Rats by Acute Oral Exposure of Cadmium. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6038.	1.2	10
20	Analysis of miRNA expression profiles in melatonin-exposed GC-1 spg cell line. <i>Gene</i> , 2018, 642, 513-521.	1.0	8
21	Brain-derived neurotrophic factor: A steroidogenic regulator of Leydig cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 14058-14067.	2.0	8
22	Interaction between the expression of retinol binding protein 4 and gonadotropin receptors in follicular granulosa cells of pigs. <i>Livestock Science</i> , 2019, 220, 205-210.	0.6	8
23	Higher implantation and live birth rates with laser zona pellucida breaching than thinning in single frozen-thawed blastocyst transfer. <i>Lasers in Medical Science</i> , 2020, 35, 1349-1355.	1.0	7
24	<i>Vaccaria segetalis</i> : A Review of Ethnomedicinal, Phytochemical, Pharmacological, and Toxicological Findings. <i>Frontiers in Chemistry</i> , 2021, 9, 666280.	1.8	7
25	Association of gene polymorphisms of estrogen receptor, follicle-stimulating hormone β^2 and leptin with follicular cysts in Large White sows. <i>Theriogenology</i> , 2017, 103, 143-148.	0.9	5
26	2-Methyl Nonyl Ketone From <i>Houttuynia Cordata</i> Thunb Alleviates LPS-Induced Inflammatory Response and Oxidative Stress in Bovine Mammary Epithelial Cells. <i>Frontiers in Chemistry</i> , 2021, 9, 793475.	1.8	5
27	Patterns of variation of the major histocompatibility complex class II B loci in Chinese goose (<i>Anser</i>) Tj ETQq1 1 0.784314 rgB ₄ /Overl	1.2	4
28	Metabolomic profiling of ovary in mice treated with FSH using ultra performance liquid chromatography/mass spectrometry. <i>Bioscience Reports</i> , 2018, 38, .	1.1	4
29	Brain-Derived Neurotrophic Factor Regulates Ishikawa Cell Proliferation through the TrkB-ERK1/2 Signaling Pathway. <i>Biomolecules</i> , 2020, 10, 1645.	1.8	4
30	Prediction of oocyte quality using mRNA transcripts screened by RNA sequencing of human granulosa cells. <i>Reproductive BioMedicine Online</i> , 2021, 43, 413-420.	1.1	4
31	Dysregulated Expression of Long Noncoding RNAs in Endometriosis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019, 29, 113-121.	0.4	4
32	Interaction between neurotrophin 4 and gonadotrophin in bovine oviducts. <i>Theriogenology</i> , 2012, 78, 39-48.	0.9	3
33	Comparison of lncRNA Expression in the Uterus between Periods of Embryo Implantation and Labor in Mice. <i>Animals</i> , 2022, 12, 399.	1.0	3
34	Role of epigenetics in parturition and preterm birth. <i>Biological Reviews</i> , 2022, 97, 851-873.	4.7	3
35	Transcriptomic Analysis of Porcine Granulosa Cells Overexpressing Retinol Binding Protein 4. <i>Genes</i> , 2019, 10, 615.	1.0	2
36	Effects of three abnormal conditions of fallopian tube on outcomes of the in vitro fertilization and embryo transfer technique. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1412-1418.	0.6	2

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37	The Effect of RBP4 on microRNA Expression Profiles in Porcine Granulosa Cells. <i>Animals</i> , 2021, 11, 1391.	1.0	2
38	Ameliorative effects of morel mushroom (<i>Morchella esculenta</i>) against Cadmium-induced reproductive toxicity in adult male rats. <i>Brazilian Journal of Biology</i> , 2021, 82, e250865.	0.4	2
39	Association of RBP4 gene polymorphisms with follicular cysts in large white sows. <i>Reproduction in Domestic Animals</i> , 2019, 54, 972-978.	0.6	1
40	Identification and Regulatory Network Analysis of Genes Related to Reproductive Performance in the Hypothalamus and Pituitary of Angus Cattle. <i>Genes</i> , 2022, 13, 965.	1.0	1
41	Enhancing Teaching Effectiveness in Animal Histology by Taking Reproductive System as an Example.. <i>Biology of Reproduction</i> , 2010, 83, 237-237.	1.2	0