

Yong Zhao

List of Publications by Citations

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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.

71
papers

1,123
citations

21
h-index

28
g-index

75
ext. papers

1,575
ext. citations

5.8
avg. IF

4.42
L-index

#	Paper	IF	Citations
71	Perfluorooctanoic acid effects on steroid hormone and growth factor levels mediate stimulation of peripubertal mammary gland development in C57BL/6 mice. <i>Toxicological Sciences</i> , 2010 , 115, 214-24	4.4	81
70	Effects of glutathione reductase inhibition on cellular thiol redox state and related systems. <i>Archives of Biochemistry and Biophysics</i> , 2009 , 485, 56-62	4.1	42
69	Perfluorooctanoic acid effects on ovaries mediate its inhibition of peripubertal mammary gland development in Balb/c and C57BL/6 mice. <i>Reproductive Toxicology</i> , 2012 , 33, 563-576	3.4	38
68	Inactivation of Rac1 reduces Trastuzumab resistance in PTEN deficient and insulin-like growth factor I receptor overexpressing human breast cancer SKBR3 cells. <i>Cancer Letters</i> , 2011 , 313, 54-63	9.9	38
67	Increase in thiol oxidative stress via glutathione reductase inhibition as a novel approach to enhance cancer sensitivity to X-ray irradiation. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 176-83	7.8	36
66	Alginate oligosaccharides improve germ cell development and testicular microenvironment to rescue busulfan disrupted spermatogenesis. <i>Theranostics</i> , 2020 , 10, 3308-3324	12.1	32
65	Mycotoxin zearalenone exposure impairs genomic stability of swine follicular granulosa cells. <i>International Journal of Biological Sciences</i> , 2018 , 14, 294-305	11.2	32
64	Pubertal high fat diet: effects on mammary cancer development. <i>Breast Cancer Research</i> , 2013 , 15, R1008.3		32
63	Hydrogen Sulfide and/or Ammonia Reduces Spermatozoa Motility through AMPK/AKT Related Pathways. <i>Scientific Reports</i> , 2016 , 6, 37884	4.9	30
62	Melatonin protects prepubertal testis from deleterious effects of bisphenol A or diethylhexyl phthalate by preserving H3K9 methylation. <i>Journal of Pineal Research</i> , 2018 , 65, e12497	10.4	29
61	Differential Regulation of Gene and Protein Expression by Zinc Oxide Nanoparticles in Hens Ovarian Granulosa Cells: Specific Roles of Nanoparticles. <i>PLoS ONE</i> , 2015 , 10, e0140499	3.7	26
60	Regulation of neuroendocrine cells and neuron factors in the ovary by zinc oxide nanoparticles. <i>Toxicology Letters</i> , 2016 , 256, 19-32	4.4	25
59	Improvement in sperm quality and spermatogenesis following faecal microbiota transplantation from alginate oligosaccharide dosed mice. <i>Gut</i> , 2021 , 70, 222-225	19.2	25
58	Effect of low-dose zearalenone exposure on reproductive capacity of male mice. <i>Toxicology and Applied Pharmacology</i> , 2017 , 333, 60-67	4.6	24
57	Regulation of egg quality and lipids metabolism by Zinc Oxide Nanoparticles. <i>Poultry Science</i> , 2016 , 95, 920-33	3.9	23
56	Microbiota from alginate oligosaccharide-dosed mice successfully mitigated small intestinal mucositis. <i>Microbiome</i> , 2020 , 8, 112	16.6	23
55	Exposure to Zinc oxide nanoparticles during pregnancy induces oocyte DNA damage and affects ovarian reserve of mouse offspring. <i>Aging</i> , 2018 , 10, 2170-2189	5.6	23

54	Low dose carbendazim disrupts mouse spermatogenesis might Be through estrogen receptor related histone and DNA methylation. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 176, 242-249	7	22
53	Oocyte exposure to ZnO nanoparticles inhibits early embryonic development through the γ H2AX and NF- κ B signaling pathways. <i>Oncotarget</i> , 2017 , 8, 42673-42692	3.3	22
52	Molecular evidence of offspring liver dysfunction after maternal exposure to zinc oxide nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2017 , 329, 318-325	4.6	21
51	Regulation of MicroRNAs, and the Correlations of MicroRNAs and Their Targeted Genes by Zinc Oxide Nanoparticles in Ovarian Granulosa Cells. <i>PLoS ONE</i> , 2016 , 11, e0155865	3.7	21
50	The role of autophagy during murine primordial follicle assembly. <i>Aging</i> , 2018 , 10, 197-211	5.6	21
49	Ochratoxin A exposure decreased sperm motility via the AMPK and PTEN signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2018 , 340, 49-57	4.6	19
48	Regulation of steroid hormones and energy status with cysteamine and its effect on spermatogenesis. <i>Toxicology and Applied Pharmacology</i> , 2016 , 313, 149-158	4.6	19
47	Decrease in male mouse fertility by hydrogen sulfide and/or ammonia can Be inheritable. <i>Chemosphere</i> , 2018 , 194, 147-157	8.4	19
46	Pubertal exposure to low doses of zearalenone disrupting spermatogenesis through ER α -related genetic and epigenetic pathways. <i>Toxicology Letters</i> , 2019 , 315, 31-38	4.4	18
45	Zearalenone exposure elevated the expression of tumorigenesis genes in mouse ovarian granulosa cells. <i>Toxicology and Applied Pharmacology</i> , 2018 , 356, 191-203	4.6	18
44	Single-cell RNA sequencing analysis reveals alginate oligosaccharides preventing chemotherapy-induced mucositis. <i>Mucosal Immunology</i> , 2020 , 13, 437-448	9.2	18
43	Alteration of gene expression by zinc oxide nanoparticles or zinc sulfate in vivo and comparison with in vitro data: A harmonious case. <i>Theriogenology</i> , 2016 , 86, 850-861.e1	2.8	18
42	Low dose chlorothalonil impairs mouse spermatogenesis through the intertwining of Estrogen Receptor Pathways with histone and DNA methylation. <i>Chemosphere</i> , 2019 , 230, 384-395	8.4	17
41	Puberty-specific promotion of mammary tumorigenesis by a high animal fat diet. <i>Breast Cancer Research</i> , 2015 , 17, 138	8.3	17
40	Zearalenone-induced aberration in the composition of the gut microbiome and function impacts the ovary reserve. <i>Chemosphere</i> , 2020 , 244, 125493	8.4	17
39	Pubertal and adult windows of susceptibility to a high animal fat diet in Trp53-null mammary tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 83409-83423	3.3	16
38	RNA-seq based gene expression analysis of ovarian granulosa cells exposed to zearalenone : significance to steroidogenesis. <i>Oncotarget</i> , 2017 , 8, 64001-64014	3.3	16
37	LncRNA as ceRNAs may be involved in lactation process. <i>Oncotarget</i> , 2017 , 8, 98014-98028	3.3	15

36	MicroRNA-221 may be involved in lipid metabolism in mammary epithelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 97, 118-127	5.6	15
35	Toxic effects and possible mechanisms of hydrogen sulfide and/or ammonia on porcine oocyte maturation in vitro. <i>Toxicology Letters</i> , 2018 , 285, 20-26	4.4	15
34	Rescue of male fertility following faecal microbiota transplantation from alginate oligosaccharide-dosed mice. <i>Gut</i> , 2021 , 70, 2213-2215	19.2	15
33	Chlorothalonil inhibits mouse ovarian development through endocrine disruption. <i>Toxicology Letters</i> , 2019 , 303, 38-47	4.4	14
32	Gestational exposure to low-dose zearalenone disrupting offspring spermatogenesis might be through epigenetic modifications. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 382-393	3.1	13
31	Zinc Oxide Nanoparticle Caused Plasma Metabolomic Perturbations Correlate with Hepatic Steatosis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 57	5.6	13
30	MicroRNA-126 participates in lipid metabolism in mammary epithelial cells. <i>Molecular and Cellular Endocrinology</i> , 2017 , 454, 77-86	4.4	12
29	miR-15b negatively correlates with lipid metabolism in mammary epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2018 , 314, C43-C52	5.4	12
28	Toxic effects and possible mechanisms following malathion exposure in porcine granulosa cells. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 64, 172-180	5.8	12
27	β-carotene improves oocyte development and maturation under oxidative stress in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019 , 55, 548-558	2.6	11
26	Low doses of carbendazim and chlorothalonil synergized to impair mouse spermatogenesis through epigenetic pathways. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 188, 109908	7	11
25	Analysis of the SNP loci around transcription start sites related to goat fecundity trait base on whole genome resequencing. <i>Gene</i> , 2018 , 643, 1-6	3.8	10
24	CircRNA as CeRNA mediated by microRNA may be involved in goat lactation. <i>Small Ruminant Research</i> , 2019 , 171, 63-72	1.7	8
23	Phosphatidylcholine could protect the defect of zearalenone exposure on follicular development and oocyte maturation. <i>Aging</i> , 2018 , 10, 3486-3506	5.6	8
22	Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms. <i>Pest Management Science</i> , 2019 , 75, 844-851	4.6	8
21	Tissue-Specific Regulation of the Contents and Correlations of Mineral Elements in Hens by Zinc Oxide Nanoparticles. <i>Biological Trace Element Research</i> , 2017 , 177, 353-366	4.5	7
20	Light-exposure at night impairs mouse ovary development via cell apoptosis and DNA damage. <i>Bioscience Reports</i> , 2019 , 39,	4.1	7
19	Nicotine exposure impairs germ cell development in human fetal ovaries cultured. <i>Aging</i> , 2018 , 10, 15565-1574	5.1	7

18	Estrogen Receptor-Related DNA and Histone Methylation May Be Involved in the Transgenerational Disruption in Spermatogenesis by Selective Toxic Chemicals. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1012	5.6	4
17	Alginate oligosaccharides enhance small intestine cell integrity and migration ability. <i>Life Sciences</i> , 2020 , 258, 118085	6.8	4
16	Ortho-phenylphenol exposure impairs porcine sperm motility through AMPK/AKT signaling pathway. <i>Environmental and Molecular Mutagenesis</i> , 2019 , 60, 830-836	3.2	3
15	PDGFR/PI3K-Akt pathway response to the interplay of mitochondrial dysfunction and DNA damage in Aroclor 1254-exposed porcine granulosa cells. <i>Environmental Pollution</i> , 2020 , 263, 114534	9.3	3
14	The effects of gibberellin on human sperm motility. <i>Aging</i> , 2019 , 11, 3080-3093	5.6	3
13	Inhibition of peripubertal sheep mammary gland development by cysteamine through reducing progesterone and growth factor production. <i>Theriogenology</i> , 2017 , 89, 280-288	2.8	2
12	Hydroxytyrosol Benefits Boar Semen Quality via Improving Gut Microbiota and Blood Metabolome.. <i>Frontiers in Nutrition</i> , 2021 , 8, 815922	6.2	2
11	scRNA-seq of ovarian follicle granulosa cells from different fertility goats reveals distinct expression patterns. <i>Reproduction in Domestic Animals</i> , 2021 , 56, 801-811	1.6	2
10	Paraquat Reduces the Female Fertility by Impairing the Oocyte Maturation in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 631104	5.7	2
9	β-carotene Rescues Busulfan Disrupted Spermatogenesis Through Elevation in Testicular Antioxidant Capability. <i>Frontiers in Pharmacology</i> , 2021 , 12, 593953	5.6	2
8	Muscarinic acetylcholine receptor M5 is involved in spermatogenesis through the modification of cell-cell junctions. <i>Reproduction</i> , 2021 , 162, 47-59	3.8	2
7	Chestnut polysaccharides benefit spermatogenesis through improvement in the expression of important genes. <i>Aging</i> , 2020 , 12, 11431-11445	5.6	1
6	Genome-wide profile in DNA methylation in goat ovaries of two different litter size populations. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021 ,	2.6	1
5	Gut microbiota-testis axis: FMT improves systemic and testicular micro-environment to increase semen quality in type 1 diabetes.. <i>Molecular Medicine</i> , 2022 , 28, 45	6.2	1
4	Single-Cell Transcriptome Sequencing and Proteomics Reveal Neonatal Ileum Dynamic Developmental Potentials. <i>MSystems</i> , 2021 , 6, e0072521	7.6	0
3	Gut Microbiota-Testis Axis: FMT Mitigates High-Fat Diet-Diminished Male Fertility via Improving Systemic and Testicular Metabolome.. <i>Microbiology Spectrum</i> , 2022 , e0002822	8.9	0
2	Transcriptome profile of goat folliculogenesis reveals the interaction of oocyte and granulosa cell in correlation with different fertility population. <i>Scientific Reports</i> , 2021 , 11, 15698	4.9	
1	Alginate oligosaccharides ameliorate busulfan-induced renal tubule injury. <i>Journal of Functional Foods</i> , 2022 , 92, 105048	5.1	

