

Lan Li

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,800
citations

201674

27
h-index

289244

40
g-index

56
all docs

56
docs citations

56
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Bisphenol A exposure modifies methylation of imprinted genes in mouse oocytes via the estrogen receptor signaling pathway. <i>Histochemistry and Cell Biology</i> , 2012, 137, 249-259.	1.7	162
2	Oxidative Stress Induced by Zearalenone in Porcine Granulosa Cells and Its Rescue by Curcumin In Vitro. <i>PLoS ONE</i> , 2015, 10, e0127551.	2.5	89
3	Alginate oligosaccharides improve germ cell development and testicular microenvironment to rescue busulfan disrupted spermatogenesis. <i>Theranostics</i> , 2020, 10, 3308-3324.	10.0	72
4	Di (2-ethylhexyl) phthalate exposure impairs meiotic progression and DNA damage repair in fetal mouse oocytes in vitro. <i>Cell Death and Disease</i> , 2017, 8, e2966-e2966.	6.3	71
5	Single-cell transcriptome landscape of ovarian cells during primordial follicle assembly in mice. <i>PLoS Biology</i> , 2020, 18, e3001025.	5.6	71
6	Improvement in sperm quality and spermatogenesis following faecal microbiota transplantation from alginate oligosaccharide dosed mice. <i>Gut</i> , 2021, 70, 222-225.	12.1	68
7	Establishment and depletion of the ovarian reserve: physiology and impact of environmental chemicals. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1729-1746.	5.4	60
8	Di (2-ethylhexyl) phthalate impairs steroidogenesis in ovarian follicular cells of prepuberal mice. <i>Archives of Toxicology</i> , 2017, 91, 1279-1292.	4.2	56
9	The influence of N-acetyl-L-cysteine on damage of porcine oocyte exposed to zearalenone in vitro. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 341-348.	2.8	53
10	Murine folliculogenesis in vitro is stage-specifically regulated by insulin via the Akt signaling pathway. <i>Histochemistry and Cell Biology</i> , 2010, 134, 75-82.	1.7	51
11	Zearalenone exposure impairs ovarian primordial follicle formation via down-regulation of Lhx8 expression in vitro. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 33-40.	2.8	51
12	Melatonin protects prepuberal testis from deleterious effects of bisphenol A or diethylhexyl phthalate by preserving H3K9 methylation. <i>Journal of Pineal Research</i> , 2018, 65, e12497.	7.4	51
13	Mycotoxin zearalenone exposure impairs genomic stability of swine follicular granulosa cells <i>in vitro</i> . <i>International Journal of Biological Sciences</i> , 2018, 14, 294-305.	6.4	48
14	Zearalenone Exposure Induces the Apoptosis of Porcine Granulosa Cells and Changes Long Noncoding RNA Expression To Promote Antiapoptosis by Activating the JAK2-STAT3 Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12117-12128.	5.2	48
15	Single-cell Transcriptome Profiling reveals Dermal and Epithelial cell fate decisions during Embryonic Hair Follicle Development. <i>Theranostics</i> , 2020, 10, 7581-7598.	10.0	46
16	Cutaneous applied nano-ZnO reduce the ability of hair follicle stem cells to differentiate. <i>Nanotoxicology</i> , 2017, 11, 465-474.	3.0	41
17	The impact of Zearalenone on the meiotic progression and primordial follicle assembly during early oogenesis. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 9-17.	2.8	38
18	Single-cell RNA sequencing analysis reveals alginate oligosaccharides preventing chemotherapy-induced mucositis. <i>Mucosal Immunology</i> , 2020, 13, 437-448.	6.0	38

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19	Dissecting the initiation of female meiosis in the mouse at single-cell resolution. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 695-713.	5.4	38
20	The role of autophagy during murine primordial follicle assembly. <i>Aging</i> , 2018, 10, 197-211.	3.1	37
21	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.	8.2	37
22	Identification of oxidative stress-related <i>Xdh</i> gene as a di(2-ethylhexyl)phthalate (DEHP) target and the use of melatonin to alleviate the DEHP-induced impairments in newborn mouse ovaries. <i>Journal of Pineal Research</i> , 2019, 67, e12577.	7.4	37
23	Ochratoxin A Exposure Impairs Porcine Granulosa Cell Growth via the PI3K/AKT Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2679-2690.	5.2	36
24	Metagenomic analysis of gut microbiota alteration in a mouse model exposed to mycotoxin deoxynivalenol. <i>Toxicology and Applied Pharmacology</i> , 2019, 372, 47-56.	2.8	34
25	Effect of low-dose zearalenone exposure on reproductive capacity of male mice. <i>Toxicology and Applied Pharmacology</i> , 2017, 333, 60-67.	2.8	33
26	Zearalenone-induced aberration in the composition of the gut microbiome and function impacts the ovary reserve. <i>Chemosphere</i> , 2020, 244, 125493.	8.2	30
27	Zearalenone exposure elevated the expression of tumorigenesis genes in mouse ovarian granulosa cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 191-203.	2.8	29
28	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.	2.5	28
29	Whole-transcriptome analysis of the toxic effects of zearalenone exposure on ceRNA networks in porcine granulosa cells. <i>Environmental Pollution</i> , 2020, 261, 114007.	7.5	26
30	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.	0.8	24
31	Single-cell transcriptomic profiling provides insights into the toxic effects of Zearalenone exposure on primordial follicle assembly. <i>Theranostics</i> , 2021, 11, 5197-5213.	10.0	24
32	RNA-seq based gene expression analysis of ovarian granulosa cells exposed to zearalenone <i>in vitro</i> : significance to steroidogenesis. <i>Oncotarget</i> , 2017, 8, 64001-64014.	1.8	23
33	Inflammatory cytokines as key players of apoptosis induced by environmental estrogens in the ovary. <i>Environmental Research</i> , 2021, 198, 111225.	7.5	21
34	Zinc Oxide Nanoparticle Caused Plasma Metabolomic Perturbations Correlate with Hepatic Steatosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 57.	3.5	19
35	Phosphatidylcholine could protect the defect of zearalenone exposure on follicular development and oocyte maturation. <i>Aging</i> , 2018, 10, 3486-3506.	3.1	19
36	Maternal Zearalenone exposure impacted ovarian follicle formation and development of suckled offspring. <i>Science of the Total Environment</i> , 2021, 788, 147792.	8.0	18

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37	Zearalenone exposure triggered porcine granulosa cells apoptosis via microRNAs-mediated focal adhesion pathway. <i>Toxicology Letters</i> , 2020, 330, 80-89.	0.8	18
38	Melatonin alleviates meiotic defects in fetal mouse oocytes induced by Di (2-ethylhexyl) phthalate in vitro. <i>Aging</i> , 2018, 10, 4175-4187.	3.1	18
39	Genomic Signatures of Selection Associated With Litter Size Trait in Jining Gray Goat. <i>Frontiers in Genetics</i> , 2020, 11, 286.	2.3	17
40	Oxidative stress as a plausible mechanism for zearalenone to induce genome toxicity. <i>Gene</i> , 2022, 829, 146511.	2.2	17
41	Differentiation of sow and mouse ovarian granulosa cells exposed to zearalenone in vitro using RNA-seq gene expression. <i>Toxicology and Applied Pharmacology</i> , 2018, 350, 78-90.	2.8	13
42	Maternal Bisphenol S exposure affects the reproductive capacity of F1 and F2 offspring in mice. <i>Environmental Pollution</i> , 2020, 267, 115382.	7.5	13
43	RA promotes proliferation of primordial germ cell-like cells differentiated from porcine skin-derived stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 18214-18229.	4.1	12
44	Nicotine exposure impairs germ cell development in human fetal ovaries cultured in vitro. <i>Aging</i> , 2018, 10, 1556-1574.	3.1	11
45	Melatonin ameliorates murine fetal oocyte meiotic dysfunction in F1 and F2 offspring caused by nicotine exposure during pregnancy. <i>Environmental Pollution</i> , 2020, 263, 114519.	7.5	11
46	Light-exposure at night impairs mouse ovary development via cell apoptosis and DNA damage. <i>Bioscience Reports</i> , 2019, 39, .	2.4	10
47	Di (2-ethylhexyl) Phthalate Exposure Impairs the microRNAs Expression Profile During Primordial Follicle Assembly. <i>Frontiers in Endocrinology</i> , 2019, 10, 877.	3.5	10
48	Impaired primordial follicle assembly in offspring ovaries from zearalenone-exposed mothers involves reduced mitochondrial activity and altered epigenetics in oocytes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 258.	5.4	10
49	Whole-Transcriptome Analysis of Non-Coding RNA Alteration in Porcine Alveolar Macrophage Exposed to Aflatoxin B1. <i>Toxins</i> , 2022, 14, 373.	3.4	9
50	Effects of activin A on the transcriptome of mouse oogenesis in vitro. <i>Journal of Cellular Physiology</i> , 2019, 234, 14339-14350.	4.1	4