

Li-Jun Huo

List of Publications by Year in descending order

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800
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#	ARTICLE	IF	CITATIONS
1	Benzophenone breaches mouse Sertoli cell barrier and alters F-actin organization without evoking apoptosis. <i>Environmental Toxicology</i> , 2022, 37, 28-40.	4.0	2
2	Identification of lncRNAs involved in maternal-to-zygotic transition of in vitro-produced porcine embryos by single-cell RNA-seq. <i>Reproduction in Domestic Animals</i> , 2022, 57, 111-122.	1.4	3
3	WDR62 regulates mouse oocyte meiotic maturation related to p-JNK and H3K9 trimethylation. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 144, 106169.	2.8	5
4	Global change of microRNA expression induced by vitamin C treatment on immature boar Sertoli cells. <i>Theriogenology</i> , 2022, 183, 1-9.	2.1	3
5	Bisphenol F exposure affects mouse oocyte in vitro maturation through inducing oxidative stress and DNA damage. <i>Environmental Toxicology</i> , 2022, 37, 1413-1422.	4.0	4
6	Zinc pyrithione exposure compromises oocyte maturation through involving in spindle assembly and zinc accumulation. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113393.	6.0	10
7	CoQ10 improves meiotic maturation of pig oocytes through enhancing mitochondrial function and suppressing oxidative stress. <i>Theriogenology</i> , 2021, 159, 77-86.	2.1	10
8	Ribonucleic Acid Export 1 Is a Kinetochores-Associated Protein That Participates in Chromosome Alignment in Mouse Oocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4841.	4.1	2
9	Checkpoint kinases are required for oocyte meiotic progression by the maintenance of normal spindle structure and chromosome condensation. <i>Experimental Cell Research</i> , 2021, 405, 112657.	2.6	2
10	Gossypol exposure induces mitochondrial dysfunction and oxidative stress during mouse oocyte in vitro maturation. <i>Chemico-Biological Interactions</i> , 2021, 348, 109642.	4.0	7
11	Melatonin protects against defects induced by malathion during porcine oocyte maturation. <i>Journal of Cellular Physiology</i> , 2020, 235, 2836-2846.	4.1	11
12	Isobutylparaben Negatively Affects Porcine Oocyte Maturation Through Increasing Oxidative Stress and Cytoskeletal Abnormalities. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 433-444.	2.2	14
13	WDR62 is a novel participator in spindle migration and asymmetric cytokinesis during mouse oocyte meiotic maturation. <i>Experimental Cell Research</i> , 2020, 387, 111773.	2.6	7
14	CHIR99021 and rpl6 promote porcine parthenogenetic embryo development and blastocyst quality. <i>Theriogenology</i> , 2020, 158, 470-476.	2.1	6
15	Triclocarban exposure affects mouse oocyte in vitro maturation through inducing mitochondrial dysfunction and oxidative stress. <i>Environmental Pollution</i> , 2020, 262, 114271.	7.5	32
16	Diethylstilbestrol exposure disrupts mouse oocyte meiotic maturation in vitro through affecting spindle assembly and chromosome alignment. <i>Chemosphere</i> , 2020, 249, 126182.	8.2	15
17	Bisphenol B Exposure Disrupts Mouse Oocyte Meiotic Maturation in vitro Through Affecting Spindle Assembly and Chromosome Alignment. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 616771.	3.7	12
18	Tris(1,3-dichloro(2-propyl) phosphate disturbs mouse embryonic development by inducing apoptosis and abnormal DNA methylation. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 807-815.	2.2	12

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19	Doxorubicin Exposure Affects Oocyte Meiotic Maturation through DNA Damage-Induced Meiotic Arrest. <i>Toxicological Sciences</i> , 2019, 171, 359-368.	3.1	16
20	Bisphenol AF compromises blood-testis barrier integrity and sperm quality in mice. <i>Chemosphere</i> , 2019, 237, 124410.	8.2	58
21	Distribution and association study in copy number variation of KCNJ12 gene across four Chinese cattle populations. <i>Gene</i> , 2019, 689, 90-96.	2.2	10
22	Effects of Acute Fluorene-9,9-bisphenol Exposure on Mouse Oocyte in vitro Maturation and Its Possible Mechanisms. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 243-253.	2.2	34
23	Genetic Variant of <i>MYLK4</i> Gene and its Association with Growth Traits in Chinese Cattle. <i>Animal Biotechnology</i> , 2019, 30, 30-35.	1.5	15
24	SUMO2 modification of Aurora B and its impact on follicular development and atresia in the mouse ovary. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3115-3126.	4.0	4
25	Survivin regulates chromosome segregation by modulating the phosphorylation of Aurora B during porcine oocyte meiosis. <i>Cell Cycle</i> , 2018, 17, 2436-2446.	2.6	6
26	Nucleoporin35 is a novel microtubule associated protein functioning in oocyte meiotic spindle architecture. <i>Experimental Cell Research</i> , 2018, 371, 435-443.	2.6	8
27	Posttranslational Modifications in Spermatozoa and Effects on Male Fertility and Sperm Viability. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 245-256.	2.0	48
28	Maternal SENP7 programs meiosis architecture and embryo survival in mouse. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1195-1206.	4.1	27
29	The role of TACC3 in mitotic spindle organization. <i>Cytoskeleton</i> , 2017, 74, 369-378.	2.0	26
30	Bisphenol AF negatively affects oocyte maturation of mouse in vitro through increasing oxidative stress and DNA damage. <i>Chemico-Biological Interactions</i> , 2017, 278, 222-229.	4.0	76
31	The cohesion stabilizer sororin favors DNA repair and chromosome segregation during mouse oocyte meiosis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 258-264.	1.5	4
32	Toxicity of Nanoparticles on the Reproductive System in Animal Models: A Review. <i>Frontiers in Pharmacology</i> , 2017, 8, 606.	3.5	180
33	Expression, Localization of SUMO-1, and Analyses of Potential SUMOylated Proteins in Bubalus bubalis Spermatozoa. <i>Frontiers in Physiology</i> , 2017, 8, 354.	2.8	4
34	Olaquinox disrupts tight junction integrity and cytoskeleton architecture in mouse Sertoli cells. <i>Oncotarget</i> , 2017, 8, 88630-88644.	1.8	8
35	Abce1 orchestrates M-phase entry and cytoskeleton architecture in mouse oocyte. <i>Oncotarget</i> , 2017, 8, 39012-39020.	1.8	14
36	SENP3 grants tight junction integrity and cytoskeleton architecture in mouse Sertoli cells. <i>Oncotarget</i> , 2017, 8, 58430-58442.	1.8	10

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37	Inhibition of calcineurin by FK506 stimulates germinal vesicle breakdown of mouse oocytes in hypoxanthine-supplemented medium. PeerJ, 2017, 5, e3032.	2.0	3
38	The SUMO Protease SENP3 Orchestrates G2-M Transition and Spindle Assembly in Mouse Oocytes. Scientific Reports, 2015, 5, 15600.	3.3	17
39	Identification of miRNAs during mouse postnatal ovarian development and superovulation. Journal of Ovarian Research, 2015, 8, 44.	3.0	21
40	DeSUMOylation: An Important Therapeutic Target and Protein Regulatory Event. DNA and Cell Biology, 2015, 34, 652-660.	1.9	25
41	Knockdown of CEBPÎ² by RNAi in porcine granulosa cells resulted in S phase cell cycle arrest and decreased progesterone and estradiol synthesis. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 90-98.	2.5	29