

Li-Jun Huo

List of Publications by Year in descending order

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41
papers

800
citations

623734

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526287

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41
all docs

41
docs citations

41
times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of Nanoparticles on the Reproductive System in Animal Models: A Review. <i>Frontiers in Pharmacology</i> , 2017, 8, 606.	3.5	180
2	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
3	Bisphenol AF compromises blood-testis barrier integrity and sperm quality in mice. <i>Chemosphere</i> , 2019, 237, 124410.	8.2	58
4	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
5	Effects of Acute Fluoreneâ€”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
6	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
7	Knockdown of CEBPÎ² by RNAi in porcine granulosa cells resulted in S phase cell cycle arrest and decreased progesterone and estradiol synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 90-98.	2.5	29
8	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
9	The role of TACC3 in mitotic spindle organization. <i>Cytoskeleton</i> , 2017, 74, 369-378.	2.0	26
10	DeSUMOylation: An Important Therapeutic Target and Protein Regulatory Event. <i>DNA and Cell Biology</i> , 2015, 34, 652-660.	1.9	25
11	Identification of miRNAs during mouse postnatal ovarian development and superovulation. <i>Journal of Ovarian Research</i> , 2015, 8, 44.	3.0	21
12	The SUMO Protease SENP3 Orchestrates G2-M Transition and Spindle Assembly in Mouse Oocytes. <i>Scientific Reports</i> , 2015, 5, 15600.	3.3	17
13	Doxorubicin Exposure Affects Oocyte Meiotic Maturation through DNA Damage-Induced Meiotic Arrest. <i>Toxicological Sciences</i> , 2019, 171, 359-368.	3.1	16
14	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
15	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
16	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
17	Abce1 orchestrates M-phase entry and cytoskeleton architecture in mouse oocyte. <i>Oncotarget</i> , 2017, 8, 39012-39020.	1.8	14
18	Tris(1,3-dichloroâ€”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	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
20	Melatonin protects against defects induced by malathion during porcine oocyte maturation. <i>Journal of Cellular Physiology</i> , 2020, 235, 2836-2846.	4.1	11
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	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
23	SENP3 grants tight junction integrity and cytoskeleton architecture in mouse Sertoli cells. <i>Oncotarget</i> , 2017, 8, 58430-58442.	1.8	10
24	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
25	Olaquinox disrupts tight junction integrity and cytoskeleton architecture in mouse Sertoli cells. <i>Oncotarget</i> , 2017, 8, 88630-88644.	1.8	8
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	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
28	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
29	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
30	CHIR99021 and rpIL6 promote porcine parthenogenetic embryo development and blastocyst quality. <i>Theriogenology</i> , 2020, 158, 470-476.	2.1	6
31	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
32	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
33	Expression, Localization of SUMO-1, and Analyses of Potential SUMOylated Proteins in <i>Bubalus bubalis</i> Spermatozoa. <i>Frontiers in Physiology</i> , 2017, 8, 354.	2.8	4
34	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
35	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
36	Inhibition of calcineurin by FK506 stimulates germinal vesicle breakdown of mouse oocytes in hypoxanthine-supplemented medium. <i>PeerJ</i> , 2017, 5, e3032.	2.0	3

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37	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
38	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
39	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
40	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
41	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