

Shen Yin

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

760
citations

567144

15
h-index

552653

26
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35
all docs

35
docs citations

35
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	SQSTM1 and its MAP1LC3B-binding domain induce forced mitophagy to degrade mitochondrial carryover during mitochondrial replacement therapy. <i>Autophagy</i> , 2023, 19, 363-364.	4.3	1
2	Tea polyphenols alleviate the adverse effects of diabetes on oocyte quality. <i>Food and Function</i> , 2022, 13, 5396-5405.	2.1	6
3	Reduction of mtDNA heteroplasmy in mitochondrial replacement therapy by inducing forced mitophagy. <i>Nature Biomedical Engineering</i> , 2022, 6, 339-350.	11.6	25
4	Melatonin improves meiosis maturation against diazinon exposure in mouse oocytes. <i>Life Sciences</i> , 2022, 301, 120611.	2.0	3
5	MEIOK21 regulates oocyte quantity and quality via modulating meiotic recombination. <i>FASEB Journal</i> , 2022, 36, e22357.	0.2	1
6	Improvement in sperm quality and spermatogenesis following faecal microbiota transplantation from alginate oligosaccharide dosed mice. <i>Gut</i> , 2021, 70, 222-225.	6.1	68
7	Double-strand breaks induce short-scale DNA replication and damage amplification in the fully grown mouse oocytes. <i>Genetics</i> , 2021, 218, .	1.2	3
8	Muscarinic acetylcholine receptor M5 is involved in spermatogenesis through the modification of cell-cell junctions. <i>Reproduction</i> , 2021, 162, 47-59.	1.1	8
9	Rescue of male fertility following faecal microbiota transplantation from alginate oligosaccharide-dosed mice. <i>Gut</i> , 2021, 70, 2213-2215.	6.1	38
10	Metformin protects against mouse oocyte apoptosis defects induced by arecoline. <i>Cell Proliferation</i> , 2020, 53, e12809.	2.4	24
11	PDGFR β -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.	3.7	8
12	Paraquat Reduces the Female Fertility by Impairing the Oocyte Maturation in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 631104.	1.8	5
13	Increase of mitochondria surrounding spindle causes mouse oocytes arrested at metaphase I stage. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 1043-1049.	1.0	11
14	The repair of endo/exogenous DNA double-strand breaks and its effects on meiotic chromosome segregation in oocytes. <i>Human Molecular Genetics</i> , 2019, 28, 3422-3430.	1.4	9
15	Melatonin protects against Fenoxaprop-ethyl exposure-induced meiotic defects in mouse oocytes. <i>Toxicology</i> , 2019, 425, 152241.	2.0	17
16	PAK4 Regulates Actin and Microtubule Dynamics during Meiotic Maturation in Mouse Oocyte. <i>International Journal of Biological Sciences</i> , 2019, 15, 2408-2418.	2.6	3
17	Ortho-phenylphenol exposure impairs porcine sperm motility through AMPK/AKT signaling pathway. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 830-836.	0.9	7
18	Roles of Resveratrol in Improving the Quality of Postovulatory Aging Oocytes In Vitro. <i>Cells</i> , 2019, 8, 1132.	1.8	37

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19	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.	4.2	37
20	Fenoxaprop-ethyl affects mouse oocyte quality and the underlying mechanisms. <i>Pest Management Science</i> , 2019, 75, 844-851.	1.7	14
21	Tributyltin oxide exposure impairs mouse oocyte maturation and its possible mechanisms. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 715-726.	1.2	10
22	Melatonin defends mouse oocyte quality from benzo[ghi]perylene-induced deterioration. <i>Journal of Cellular Physiology</i> , 2019, 234, 6220-6229.	2.0	31
23	Cytotoxicity and DNA Damage Caused from Diazinon Exposure by Inhibiting the PI3K-AKT Pathway in Porcine Ovarian Granulosa Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 19-31.	2.4	44
24	Multiple superovulations alter histone modifications in mouse early embryos. <i>Reproduction</i> , 2019, 157, 511-523.	1.1	12
25	High-glucose concentrations change DNA methylation levels in human IVM oocytes. <i>Human Reproduction</i> , 2018, 33, 474-481.	0.4	30
26	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.	0.4	18
27	Toxic effects and possible mechanisms following malathion exposure in porcine granulosa cells. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 172-180.	2.0	19
28	The role of L-type calcium channels in mouse oocyte maturation, activation and early embryonic development. <i>Theriogenology</i> , 2017, 102, 67-74.	0.9	8
29	DNA Double-Strand Breaks Induce the Nuclear Actin Filaments Formation in Cumulus-Enclosed Oocytes but Not in Denuded Oocytes. <i>PLoS ONE</i> , 2017, 12, e0170308.	1.1	14
30	Post-ovulatory aging of mouse oocytes <i>in vivo</i> and <i>in vitro</i> : Effects of caffeine on exocytosis and translocation of cortical granules. <i>Animal Science Journal</i> , 2016, 87, 1340-1346.	0.6	6
31	Repeated superovulation may affect mitochondrial functions of cumulus cells in mice. <i>Scientific Reports</i> , 2016, 6, 31368.	1.6	17
32	Molecular insights into mechanisms regulating faithful chromosome separation in female meiosis. <i>Cell Cycle</i> , 2008, 7, 2997-3005.	1.3	51
33	Shugoshin1 May Play Important Roles in Separation of Homologous Chromosomes and Sister Chromatids during Mouse Oocyte Meiosis. <i>PLoS ONE</i> , 2008, 3, e3516.	1.1	21
34	Bub1 Prevents Chromosome Misalignment and Precocious Anaphase during Mouse Oocyte Meiosis. <i>Cell Cycle</i> , 2006, 5, 2130-2137.	1.3	77
35	Histone Deacetylation is Required for Orderly Meiosis. <i>Cell Cycle</i> , 2006, 5, 766-774.	1.3	77