

Longsen Han

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

893
citations

516561

16
h-index

526166

27
g-index

27
all docs

27
docs citations

27
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF1 is dispensable for oocyte development and female fertility in mice. PeerJ, 2022, 10, e13370.	0.9	2
2	Increased mtDNA mutation frequency in oocytes causes epigenetic alterations and embryonic defects. National Science Review, 2022, 9, .	4.6	2
3	Involvement of SIRT3 deacetylation pathway in the effects of maternal diabetes on oocyte meiosis. Cell Proliferation, 2021, 54, e12940.	2.4	13
4	Telomere Dysfunction in Oocytes and Embryos From Obese Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 617225.	1.8	11
5	FKBP25 Regulates Meiotic Apparatus During Mouse Oocyte Maturation. Frontiers in Cell and Developmental Biology, 2021, 9, 625805.	1.8	2
6	Loss of PDK1 Induces Meiotic Defects in Oocytes From Diabetic Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 793389.	1.8	4
7	Characterization of Metabolic Patterns in Mouse Oocytes during Meiotic Maturation. Molecular Cell, 2020, 80, 525-540.e9.	4.5	74
8	ASB7 Is a Novel Regulator of Cytoskeletal Organization During Oocyte Maturation. Frontiers in Cell and Developmental Biology, 2020, 8, 595917.	1.8	5
9	Melatonin ameliorates the advanced maternal age-associated meiotic defects in oocytes through the SIRT2-dependent H4K16 deacetylation pathway. Aging, 2020, 12, 1610-1623.	1.4	26
10	Histone methyltransferase SETD2 is required for meiotic maturation in mouse oocyte. Journal of Cellular Physiology, 2019, 234, 661-668.	2.0	13
11	Differential roles of Stella in the modulation of DNA methylation during oocyte and zygotic development. Cell Discovery, 2019, 5, 9.	3.1	19
12	NMNAT2-mediated NAD ⁺ generation is essential for quality control of aged oocytes. Aging Cell, 2019, 18, e12955.	3.0	58
13	SIRT6 participates in the quality control of aged oocytes via modulating telomere function. Aging, 2019, 11, 1965-1976.	1.4	27
14	Embryonic defects induced by maternal obesity in mice derive from Stella insufficiency in oocytes. Nature Genetics, 2018, 50, 432-442.	9.4	112
15	Sirt2/BubR1 acetylation pathway mediates the effects of advanced maternal age on oocyte quality. Aging Cell, 2018, 17, e12698.	3.0	37
16	Loss of TIGAR Induces Oxidative Stress and Meiotic Defects in Oocytes from Obese Mice. Molecular and Cellular Proteomics, 2018, 17, 1354-1364.	2.5	38
17	SIRT7 functions in redox homeostasis and cytoskeletal organization during oocyte maturation. FASEB Journal, 2018, 32, 6228-6238.	0.2	27
18	Intersectin 2 controls actin cap formation and meiotic division in mouse oocytes through the Cdc42 pathway. FASEB Journal, 2017, 31, 4277-4285.	0.2	20

#	ARTICLE	IF	CITATIONS
19	HDAC3 promotes meiotic apparatus assembly in mouse oocytes via modulating tubulin acetylation. <i>Development (Cambridge)</i> , 2017, 144, 3789-3797.	1.2	34
20	Melatonin protects against maternal obesity-associated oxidative stress and meiotic defects in oocytes via the SIRT3-SOD2-dependent pathway. <i>Journal of Pineal Research</i> , 2017, 63, e12431.	3.4	134
21	Sirt3-dependent deacetylation of SOD2 plays a protective role against oxidative stress in oocytes from diabetic mice. <i>Cell Cycle</i> , 2017, 16, 1302-1308.	1.3	58
22	Rab6a is a novel regulator of meiotic apparatus and maturational progression in mouse oocytes. <i>Scientific Reports</i> , 2016, 6, 22209.	1.6	8
23	Epsin2 promotes polarity establishment and meiotic division through activating Cdc42 in mouse oocyte. <i>Oncotarget</i> , 2016, 7, 50927-50936.	0.8	8
24	Sirt6 depletion causes spindle defects and chromosome misalignment during meiosis of mouse oocyte. <i>Scientific Reports</i> , 2015, 5, 15366.	1.6	43
25	Differing roles of pyruvate dehydrogenase kinases during mouse oocyte maturation. <i>Journal of Cell Science</i> , 2015, 128, 2319-2329.	1.2	31
26	Sirt3 prevents maternal obesity-associated oxidative stress and meiotic defects in mouse oocytes. <i>Cell Cycle</i> , 2015, 14, 2959-2968.	1.3	80