Tianren Wang

List of Publications by Year
in descending order

37	1,267	18	30
papers	citations	h-index	g-index
		430843	454934

38	38	38	1850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MFN2 Deficiency Impairs Mitochondrial Functions and PPAR Pathway During Spermatogenesis and Meiosis in Mice. Frontiers in Cell and Developmental Biology, 2022, 10, 862506.	3.7	5
2	Embryo-endometrium crosstalk: a new understanding from inÂvitro model. Fertility and Sterility, 2021, 115, 907-908.	1.0	2
3	Current Understandings of Core Pathways for the Activation of Mammalian Primordial Follicles. Cells, 2021, 10, 1491.	4.1	20
4	Mfn2 IS REQUIRED IN REGULATING SPERMATOGONIAL DIFFERENTIATION AND MEIOSIS. Fertility and Sterility, 2021, 116, e336.	1.0	0
5	A pathogenic DMC1 frameshift mutation causes nonobstructive azoospermia but not primary ovarian insufficiency in humans. Molecular Human Reproduction, 2021, 27, .	2.8	9
6	Developmental potential of aneuploid human embryos cultured beyond implantation. Nature Communications, 2020, 11, 3987.	12.8	66
7	Impaired Mitochondrial Stress Response due to CLPP Deletion Is Associated with Altered Mitochondrial Dynamics and Increased Apoptosis in Cumulus Cells. Reproductive Sciences, 2020, 27, 621-630.	2.5	8
8	Characterization of the Sperm Proteome and Reproductive Outcomes with in Vitro, Fertilization after a Reduction in Male Ejaculatory Abstinence Period. Molecular and Cellular Proteomics, 2019, 18, S109-S117.	3.8	40
9	Mitofusin 1 is required for female fertility and to maintain ovarian follicular reserve. Cell Death and Disease, 2019, 10, 560.	6.3	71
10	Mitofusin 2 plays a role in oocyte and follicle development, and is required to maintain ovarian follicular reserve during reproductive aging. Aging, 2019, 11, 3919-3938.	3.1	57
11	Varying levels of serum estradiol do not alter the timing of the early endometrial secretory transformation. Fertility and Sterility, 2019, 112, e102.	1.0	0
12	Mitochondrial unfolded protein response: a stress response with implications for fertility and reproductive aging. Fertility and Sterility, 2019, 111, 197-204.	1.0	50
13	Loss of mitochondrial fusion protein MFN2 results in a reproductive aging phenotype with telomere shortening, reduced fertility, and accelerated depletion of follicular pool. Fertility and Sterility, 2019, 112, e249-e250.	1.0	0
14	Developmental potential of aneuploid human embryos beyond implantation. Fertility and Sterility, 2019, 112, e39-e40.	1.0	0
15	Disruption of mitochondrial dynamics in oocytes results in infertility and diminished ovarian reserve. Fertility and Sterility, 2019, 112, e102.	1.0	0
16	Impaired follicle development and subfertility in female mice lacking MFN2 in oocytes. Fertility and Sterility, 2018, 110, e321.	1.0	0
17	Metabolic imaging with the use ofÂfluorescence lifetime imaging microscopy (FLIM) accurately detects mitochondrial dysfunction inÂmouse oocytes. Fertility and Sterility, 2018, 110, 1387-1397.	1.0	34
18	Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. Molecular Cell, 2018, 72, 1021-1034.e4.	9.7	262

#	Article	IF	Citations
19	Rapamycin partially rescues oocyte dysfunction in mice deficient for mitochondrial stress response protein CLPP. Fertility and Sterility, 2018, 110, e99.	1.0	0
20	MFN1 is required for follicle development, oocyte maturation, and female fertility. Fertility and Sterility, 2018, 110, e27-e28.	1.0	2
21	Hyperhomocysteinemia in polycystic ovary syndrome: decreased betaine-homocysteine methyltransferase and cystathionine Î2-synthase-mediated homocysteine metabolism. Reproductive BioMedicine Online, 2018, 37, 234-241.	2.4	15
22	Mitochondrial unfolded protein response gene <i>Clpp</i> is required to maintain ovarian follicular reserve during aging, for oocyte competence, and development of preâ€implantation embryos. Aging Cell, 2018, 17, e12784.	6.7	71
23	Characterization of long non-coding RNA and messenger RNA profiles in follicular fluid from mature and immature ovarian follicles of healthy women and women with polycystic ovary syndrome. Human Reproduction, 2018, 33, 1735-1748.	0.9	65
24	Mesenchymal stem cell-derived angiogenin promotes primodial follicle survival and angiogenesis in transplanted human ovarian tissue. Reproductive Biology and Endocrinology, 2017, 15, 18.	3.3	50
25	Mitochondrial dysfunction and ovarian aging. American Journal of Reproductive Immunology, 2017, 77, e12651.	1.2	63
26	Evaluating mitochondrial stress response gene clpp-regulated global gene expression dynamics in female reproductive aging. Fertility and Sterility, 2017, 108, e25.	1.0	1
27	Metabolic imaging using flim accurately detects mitochondrial dysfunction in mouse oocytes. Fertility and Sterility, 2017, 108, e52.	1.0	1
28	Reproductive aging is associated with changes in oocyte mitochondrial dynamics, function, and mtDNA quantity. Maturitas, 2016, 93, 121-130.	2.4	72
29	Oocyte ageing is associated with altered metabolic stress response and lower mitochondrial DNA copy number that correlate with intracellular NADH and FAD measured by Fluorescence Lifetime Imaging Microscopy (FLIM). Fertility and Sterility, 2016, 106, e69.	1.0	2
30	Human single follicle growth<i>in vitro</i>from cryopreserved ovarian tissue after slow freezing or vitrification. Human Reproduction, 2016, 31, 763-773.	0.9	50
31	Mesenchymal Stem Cells Enhance Angiogenesis and Follicle Survival in Human Cryopreserved Ovarian Cortex Transplantation. Cell Transplantation, 2015, 24, 1999-2010.	2.5	49
32	Identification of a human subcortical maternal complex. Molecular Human Reproduction, 2015, 21, 320-329.	2.8	75
33	Mesenchymal Stem Cells Facilitate In Vitro Development of Human Preantral Follicle. Reproductive Sciences, 2015, 22, 1367-1376.	2.5	28
34	Up-regulation of heme oxygenase-1 expression modulates reactive oxygen species level during the cryopreservation of human seminiferous tubules. Fertility and Sterility, 2014, 102, 974-980.e4.	1.0	6
35	Basic fibroblast growth factor promotes the development of human ovarian early follicles during growth in vitro. Human Reproduction, 2014, 29, 568-576.	0.9	43
36	Effect of vitrification at the germinal vesicle stage on the global methylation status in mouse oocytes subsequently matured in vitro. Chinese Medical Journal, 2014, 127, 4019-24.	2.3	3

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37	Improvement in the quality of heterotopic allotransplanted mouse ovarian tissues with basic fibroblast growth factor and fibrin hydrogel. Human Reproduction, 2013, 28, 2784-2793.	0.9	46