

Jiayin Liu

List of Publications by Year in descending order

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42
papers

724
citations

516215

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580395

25
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44
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docs citations

44
times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014, 5, 3857.	5.8	64
2	<scp>SIRT</scp>4 is essential for metabolic control and meiotic structure during mouse oocyte maturation. <i>Aging Cell</i> , 2018, 17, e12789.	3.0	52
3	Validation of Copy Number Variation Sequencing for Detecting Chromosome Imbalances in Human Preimplantation Embryos1. <i>Biology of Reproduction</i> , 2014, 91, 37.	1.2	41
4	Prenatal androgen excess enhances stimulation of the GNRH pulse in pubertal female rats. <i>Journal of Endocrinology</i> , 2014, 222, 73-85.	1.2	40
5	In vitro testicular organogenesis from human fetal gonads produces fertilization-competent spermatids. <i>Cell Research</i> , 2020, 30, 244-255.	5.7	36
6	Bisphenol A Represses Dopaminergic Neuron Differentiation from Human Embryonic Stem Cells through Downregulating the Expression of Insulin-like Growth Factor 1. <i>Molecular Neurobiology</i> , 2017, 54, 3798-3812.	1.9	35
7	Maternal exposure to bisphenol A may increase the risks of Parkinson's disease through down-regulation of fetal IGF-1 expression. <i>Medical Hypotheses</i> , 2014, 82, 245-249.	0.8	31
8	Polycystic ovary syndrome patients with high BMI tend to have functional disorders of androgen excess: a prospective study. <i>Journal of Biomedical Research</i> , 2016, 30, 197.	0.7	27
9	Association analysis identifies new risk loci for congenital heart disease in Chinese populations. <i>Nature Communications</i> , 2015, 6, 8082.	5.8	26
10	Calretinin Participates in Regulating Steroidogenesis by PLC-Ca ²⁺ -PKC Pathway in Leydig Cells. <i>Scientific Reports</i> , 2018, 8, 7403.	1.6	26
11	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. <i>Cell Research</i> , 2021, 31, 919-928.	5.7	26
12	Expression profile of micro-RNAs and functional annotation analysis of their targets in human chorionic villi from early recurrent miscarriage. <i>Gene</i> , 2016, 576, 366-371.	1.0	24
13	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 7, 100090.	1.3	24
14	Effects of Upregulation of Hsp27 Expression on Oocyte Development and Maturation Derived from Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2013, 8, e83402.	1.1	21
15	Effect of Anti-Mullerian Hormone in Culture Medium on Quality of Mouse Oocytes Matured In Vitro. <i>PLoS ONE</i> , 2014, 9, e99393.	1.1	21
16	Human amnion-derived mesenchymal stem cells improved the reproductive function of age-related diminished ovarian reserve in mice through Ampk/FoxO3a signaling pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 317.	2.4	20
17	Identification of novel mutations of PKD1 gene in Chinese patients with autosomal dominant polycystic kidney disease by targeted next-generation sequencing. <i>Clinica Chimica Acta</i> , 2014, 433, 12-19.	0.5	18
18	Zinc Finger and X-Linked Factor (ZFX) Binds to Human SET Transcript 2 Promoter and Transactivates SET Expression. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1737.	1.8	17

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19	Pathologic significance of SET/I2PP2A-mediated PP2A and non-PP2A pathways in polycystic ovary syndrome (PCOS). <i>Clinica Chimica Acta</i> , 2017, 464, 155-159.	0.5	17
20	Analysis of CGG repeats in FMR1 in Chinese women with idiopathic premature ovarian failure. <i>Reproductive BioMedicine Online</i> , 2014, 29, 382-387.	1.1	14
21	Replication of the 4p16 Susceptibility Locus in Congenital Heart Disease in Han Chinese Populations. <i>PLoS ONE</i> , 2014, 9, e107411.	1.1	14
22	Histone methyltransferase SETD2 is required for meiotic maturation in mouse oocyte. <i>Journal of Cellular Physiology</i> , 2019, 234, 661-668.	2.0	13
23	Oncogenic Role of SET/I2PP2A for Gynecologic Cancers. <i>Current Drug Targets</i> , 2017, 18, 1152-1157.	1.0	13
24	Low-frequency germline variants across 6p22.2-6p21.33 are associated with non-obstructive azoospermia in Han Chinese men. <i>Human Molecular Genetics</i> , 2015, 24, 5628-5636.	1.4	12
25	Polymorphism of CAG and GGN repeats of androgen receptor gene in women with polycystic ovary syndrome. <i>Reproductive BioMedicine Online</i> , 2015, 31, 790-798.	1.1	11
26	Androgen upregulates NR4A1 via the TFAP2A and ETS signaling networks. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 113, 1-7.	1.2	11
27	Activin A Stimulates Aromatase via the ALK4-Smad Pathway in Endometriosis. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	10
28	rhTNFR: Fc Suppresses the Development of Endometriosis in a Mouse Model by Downregulating Cell Proliferation and Invasiveness. <i>Reproductive Sciences</i> , 2016, 23, 847-857.	1.1	9
29	Smad3/4 Binding to Promoter II of P450arom So As to Regulate Aromatase Expression in Endometriosis. <i>Reproductive Sciences</i> , 2017, 24, 1187-1194.	1.1	9
30	Sorbitol accumulation decreases oocyte quality in aged mice by altering the intracellular redox balance. <i>Aging</i> , 2021, 13, 25291-25303.	1.4	7
31	Expression of factors involved in the regulation of angiogenesis in the full-term human placenta: Effects of in vitro fertilization. <i>Reproductive Biology</i> , 2016, 16, 104-112.	0.9	6
32	Evaluation of regulatory genetic variants in POU5F1 and risk of congenital heart disease in Han Chinese. <i>Scientific Reports</i> , 2015, 5, 15860.	1.6	5
33	Progesterone rise on hCG day is negatively correlated with IVF-ET outcomes in natural cycles. <i>Clinica Chimica Acta</i> , 2018, 478, 194-199.	0.5	5
34	Establishment of human-embryonic-stem-cell line from mosaic trisomy 9 embryo. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 505-511.	0.5	4
35	Ethanol Inactivated Mouse Embryonic Fibroblasts Maintain the Self-Renew and Proliferation of Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0130332.	1.1	4
36	Peroxiredoxin 4, a new favorable regulator, can protect oocytes against oxidative stress damage during in vitro maturation. <i>Biochemical and Biophysical Research Communications</i> , 2022, 601, 52-58.	1.0	4

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37	Epigenetic effect of putrescine supplementation during in vitro maturation of oocytes on offspring in mice. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 681-694.	1.2	2
38	Development and identification of Set transgenic mice. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 1982-1988.	0.8	1
39	Evaluation of Bone Mineral Density in Children Conceived via Assisted Reproductive Technology. <i>Frontiers in Endocrinology</i> , 2022, 13, 827978.	1.5	1
40	Nucleoporin37 may play a role in early embryo development in human and mice. <i>Molecular Human Reproduction</i> , 2022, , .	1.3	1
41	Meeting organizers welcome. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 153-153.	1.2	0
42	The Orphan Nuclear Receptor NR4A1 Is a Negative Regulator of DHT-Induced Rat Preantral Follicular Growth.. <i>Biology of Reproduction</i> , 2012, 87, 491-491.	1.2	0