

Jiayin Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

513
citations

12
h-index

21
g-index

44
ext. papers

697
ext. citations

5.6
avg, IF

3.46
L-index

#	Paper	IF	Citations
39	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014 , 5, 3857	17.4	50
38	Validation of copy number variation sequencing for detecting chromosome imbalances in human preimplantation embryos. <i>Biology of Reproduction</i> , 2014 , 91, 37	3.9	36
37	SIRT4 is essential for metabolic control and meiotic structure during mouse oocyte maturation. <i>Aging Cell</i> , 2018 , 17, e12789	9.9	30
36	Prenatal androgen excess enhances stimulation of the GNRH pulse in pubertal female rats. <i>Journal of Endocrinology</i> , 2014 , 222, 73-85	4.7	25
35	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, 245-9	3.8	24
34	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	6.2	23
33	Association analysis identifies new risk loci for congenital heart disease in Chinese populations. <i>Nature Communications</i> , 2015 , 6, 8082	17.4	19
32	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, 366-71	3.8	19
31	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, 12-9	6.2	18
30	Effects of upregulation of Hsp27 expression on oocyte development and maturation derived from polycystic ovary syndrome. <i>PLoS ONE</i> , 2013 , 8, e83402	3.7	16
29	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, 197-202	1.5	13
28	Pathologic significance of SET/12PP2A-mediated PP2A and non-PP2A pathways in polycystic ovary syndrome (PCOS). <i>Clinica Chimica Acta</i> , 2017 , 464, 155-159	6.2	12
27	Calretinin Participates in Regulating Steroidogenesis by PLC-Ca-PKC Pathway in Leydig Cells. <i>Scientific Reports</i> , 2018 , 8, 7403	4.9	11
26	Effect of anti-Mullerian hormone in culture medium on quality of mouse oocytes matured in vitro. <i>PLoS ONE</i> , 2014 , 9, e99393	3.7	11
25	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,	6.3	11
24	Analysis of CGG repeats in FMR1 in Chinese women with idiopathic premature ovarian failure. <i>Reproductive BioMedicine Online</i> , 2014 , 29, 382-7	4	10
23	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, 5628-36	5.6	10

22	Oncogenic Role of SET/I2PP2A for Gynecologic Cancers. <i>Current Drug Targets</i> , 2017 , 18, 1152-1157	3	10
21	Histone methyltransferase SETD2 is required for meiotic maturation in mouse oocyte. <i>Journal of Cellular Physiology</i> , 2018 , 234, 661-668	7	9
20	Replication of the 4p16 susceptibility locus in congenital heart disease in Han Chinese populations. <i>PLoS ONE</i> , 2014 , 9, e107411	3.7	8
19	In vitro testicular organogenesis from human fetal gonads produces fertilization-competent spermatids. <i>Cell Research</i> , 2020 , 30, 244-255	24.7	7
18	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	24.7	7
17	Activin A Stimulates Aromatase via the ALK4-Smad Pathway in Endometriosis. <i>BioMed Research International</i> , 2016 , 2016, 5791510	3	7
16	Smad3/4 Binding to Promoter II of P450arom So As to Regulate Aromatase Expression in Endometriosis. <i>Reproductive Sciences</i> , 2017 , 24, 1187-1194	3	6
15	Polymorphism of CAG and GGN repeats of androgen receptor gene in women with polycystic ovary syndrome. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 790-8	4	6
14	rhTNFR: Fc Suppresses the Development of Endometriosis in a Mouse Model by Downregulating Cell Proliferation and Invasiveness. <i>Reproductive Sciences</i> , 2016 , 23, 847-57	3	6
13	Androgen upregulates NR4A1 via the TFAP2A and ETS signaling networks. <i>International Journal of Biochemistry and Cell Biology</i> , 2019 , 113, 1-7	5.6	5
12	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, 104-12	2.3	5
11	Evaluation of regulatory genetic variants in POU5F1 and risk of congenital heart disease in Han Chinese. <i>Scientific Reports</i> , 2015 , 5, 15860	4.9	5
10	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 7, 100090	5	5
9	Establishment of human-embryonic-stem-cell line from mosaic trisomy 9 embryo. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015 , 54, 505-11	1.6	3
8	Progesterone rise on hCG day is negatively correlated with IVF-ET outcomes in natural cycles. <i>Clinica Chimica Acta</i> , 2018 , 478, 194-199	6.2	2
7	Ethanol Inactivated Mouse Embryonic Fibroblasts Maintain the Self-Renew and Proliferation of Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2015 , 10, e0130332	3.7	2
6	Development and identification of Set transgenic mice. <i>Experimental and Therapeutic Medicine</i> , 2018 , 15, 1982-1988	2.1	1
5	Sorbitol accumulation decreases oocyte quality in aged mice by altering the intracellular redox balance.. <i>Aging</i> , 2021 , 13, 25291-25303	5.6	1

4	Evaluation of Bone Mineral Density in Children Conceived Assisted Reproductive Technology.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 827978	5.7	o
3	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	8.3	o
2	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	3.4	o
1	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	3.4	