

Yingpu Sun

List of Publications by Citations

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Version: 2024-04-28

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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.

74
papers

887
citations

16
h-index

27
g-index

92
ext. papers

1,293
ext. citations

4.9
avg, IF

4.38
L-index

#	Paper	IF	Citations
74	Chromatin analysis in human early development reveals epigenetic transition during ZGA. <i>Nature</i> , 2018 , 557, 256-260	50.4	135
73	Transactivation of microRNA-320 by microRNA-383 regulates granulosa cell functions by targeting E2F1 and SF-1 proteins. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18239-57	5.4	93
72	Endometrial thickness significantly affects clinical pregnancy and live birth rates in frozen-thawed embryo transfer cycles. <i>Gynecological Endocrinology</i> , 2016 , 32, 524-8	2.4	43
71	miR-644-5p carried by bone mesenchymal stem cell-derived exosomes targets regulation of p53 to inhibit ovarian granulosa cell apoptosis. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 360	8.3	43
70	Silver nanoparticle induced toxicity to human sperm by increasing ROS(reactive oxygen species) production and DNA damage. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 52, 193-199	5.8	38
69	Dehydroepiandrosterone treatment in women with poor ovarian response undergoing IVF or ICSI: a systematic review and meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 981-91	3.4	37
68	Comprehensive analysis of genome-wide DNA methylation across human polycystic ovary syndrome ovary granulosa cell. <i>Oncotarget</i> , 2016 , 7, 27899-909	3.3	30
67	The Impact of Endometrial Thickness on the Day of Human Chorionic Gonadotrophin (hCG) Administration on Ongoing Pregnancy Rate in Patients with Different Ovarian Response. <i>PLoS ONE</i> , 2015 , 10, e0145703	3.7	29
66	Association between Genetic Polymorphisms in Interleukin Genes and Recurrent Pregnancy Loss - A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2017 , 12, e0169891	3.7	25
65	Mapping allele with resolved carrier status of Robertsonian and reciprocal translocation in human preimplantation embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8695-E8702	11.5	24
64	Increasing ovarian NAD levels improve mitochondrial functions and reverse ovarian aging. <i>Free Radical Biology and Medicine</i> , 2020 , 156, 1-10	7.8	24
63	Effect of body mass index on the outcomes of controlled ovarian hyperstimulation in Chinese women with polycystic ovary syndrome: a multicenter, prospective, observational study. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 61-70	3.4	24
62	Developmental potential of clinically discarded human embryos and associated chromosomal analysis. <i>Scientific Reports</i> , 2016 , 6, 23995	4.9	23
61	Comparison of different ovarian hyperstimulation protocols efficacy in poor ovarian responders according to the Bologna criteria. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 1128-34		22
60	The impact of endometrial thickness change after progesterone administration on pregnancy outcome in patients transferred with single frozen-thawed blastocyst. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 99	5	21
59	Recombinant luteinizing hormone supplementation in women undergoing in vitro fertilization/ intracytoplasmic sperm injection with gonadotropin releasing hormone antagonist protocol: a systematic review and meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 109	5	17
58	Metformin and pioglitazone combination therapy ameliorate polycystic ovary syndrome through AMPK/PI3K/JNK pathway. <i>Experimental and Therapeutic Medicine</i> , 2018 , 15, 2120-2127	2.1	15

57	The value of second polar body detection 4 hours after insemination and early rescue ICSI in preventing complete fertilisation failure in patients with borderline semen. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 346-50	1.8	14
56	Higher melatonin in the follicle fluid and MT2 expression in the granulosa cells contribute to the OHSS occurrence. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 37	5	13
55	CdSe/ZnS quantum dots induced spermatogenesis dysfunction via autophagy activation. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122327	12.8	13
54	Value of detection of serum human epididymis secretory protein 4 and carbohydrate antigen 125 in diagnosis of early endometrial cancer of different pathological subtypes. <i>OncoTargets and Therapy</i> , 2015 , 8, 1239-43	4.4	12
53	Transcriptional profiling of long noncoding RNAs and their target transcripts in ovarian cortical tissues from women with normal menstrual cycles and primary ovarian insufficiency. <i>Molecular Reproduction and Development</i> , 2019 , 86, 847-861	2.6	11
52	Inhibition of Lysine-Specific Demethylase-1 (LSD1/KDM1A) Promotes the Adipogenic Differentiation of hESCs Through H3K4 Methylation. <i>Stem Cell Reviews and Reports</i> , 2016 , 12, 298-304	6.4	11
51	Higher chromosomal aberration rate in miscarried conceptus from polycystic ovary syndrome women undergoing assisted reproductive treatment. <i>Fertility and Sterility</i> , 2019 , 111, 936-943.e2	4.8	10
50	CHIR99021 combined with retinoic acid promotes the differentiation of primordial germ cells from human embryonic stem cells. <i>Oncotarget</i> , 2017 , 8, 7814-7826	3.3	8
49	A Chinese practice guideline of the assisted reproductive technology strategies for women with advanced age. <i>Journal of Evidence-Based Medicine</i> , 2019 , 12, 167-184	6.1	7
48	Vaginal progesterone gel is non-inferior to intramuscular progesterone in efficacy with acceptable tolerability for luteal phase support: A prospective, randomized, multicenter study in China. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019 , 237, 100-105	2.4	7
47	Live births following preimplantation genetic testing for dynamic mutation diseases by karyomapping: a report of three cases. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 539-548	3.4	7
46	Association between the quality of inner cell mass and first trimester miscarriage after single blastocyst transfer. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 43	5	6
45	The effect of fertility stress on endometrial and subendometrial blood flow among infertile women. <i>Reproductive Biology and Endocrinology</i> , 2017 , 15, 15	5	6
44	Genome-wide uniparental disomy screen in human discarded morphologically abnormal embryos. <i>Scientific Reports</i> , 2015 , 5, 12302	4.9	6
43	Co-culture with endometrial stromal cells enhances the differentiation of human embryonic stem cells into endometrium-like cells. <i>Experimental and Therapeutic Medicine</i> , 2015 , 10, 43-50	2.1	6
42	Comparative study of single-nucleotide polymorphism array and next generation sequencing based strategies on triploid identification in preimplantation genetic diagnosis and screen. <i>Oncotarget</i> , 2016 , 7, 81839-81848	3.3	6
41	The effect of sperm miR-34c on human embryonic development kinetics and clinical outcomes. <i>Life Sciences</i> , 2020 , 256, 117895	6.8	5
40	Effect of male hepatitis B virus infection on outcomes of in vitro fertilization and embryo transfer treatment: insights from couples undergoing oocyte donation. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 1860-6		5

39	Effects of high progesterone in in-vitro fertilization cycle on DNA methylation and gene expression of adhesion molecules on endometrium during implantation window. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 33-43	3.4	5
38	Assisted Reproductive Technology in China: Results Generated From Data Reporting System by CSRM From 2013 to 2016. <i>Frontiers in Endocrinology</i> , 2020 , 11, 458	5.7	5
37	Analysis of the Number of Euploid Embryos in Preimplantation Genetic Testing Cycles With Early-Follicular Phase Long-Acting Gonadotropin-Releasing Hormone Agonist Long Protocol. <i>Frontiers in Endocrinology</i> , 2020 , 11, 424	5.7	5
36	Improved clinical outcomes of preimplantation genetic testing for aneuploidy using MALBAC-NGS compared with MDA-SNP array. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 388	3.2	5
35	Hypermethylation-mediated downregulation of lncRNA PVT1 promotes granulosa cell apoptosis in premature ovarian insufficiency via interacting with Foxo3a. <i>Journal of Cellular Physiology</i> , 2021 , 236, 5162-5175	7	5
34	A multi-center, randomized controlled clinical trial of the application of a shortened protocol of long-acting Triptorelin down-regulated prior to IVF/ICSI among patients with endometriosis: A protocol. <i>Reproductive Health</i> , 2018 , 15, 213	3.5	5
33	Effects of obesity on sperm retrieval, early embryo quality and clinical outcomes in men with nonobstructive azoospermia undergoing testicular sperm aspiration-intracytoplasmic sperm injection cycles. <i>Andrologia</i> , 2019 , 51, e13265	2.4	4
32	Expression Level of ADAMTS1 in Granulosa Cells of PCOS Patients Is Related to Granulosa Cell Function, Oocyte Quality, and Embryo Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 647522	5.7	4
31	A Phase III randomized controlled trial of oral dydrogesterone versus intravaginal progesterone gel for luteal phase support in fertilization (Lotus II): results from the Chinese mainland subpopulation. <i>Gynecological Endocrinology</i> , 2020 , 36, 175-183	2.4	4
30	Bone morphogenetic protein 2 upregulates SERPINE2 expression through noncanonical SMAD2/3 and p38 MAPK signaling pathways in human granulosa-lutein cells. <i>FASEB Journal</i> , 2021 , 35, e21845	0.9	4
29	Genetic testing on products of conception and its relationship with body mass index. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 1853-1860	3.4	3
28	Derivation of normal diploid human embryonic stem cells from tripronuclear zygotes with analysis of their copy number variation and loss of heterozygosity. <i>Molecular Reproduction and Development</i> , 2015 , 82, 344-55	2.6	3
27	Efficacy and safety of recombinant human follicle-stimulating hormone in patients undergoing fertilization-embryo transfer. <i>Aging</i> , 2020 , 12, 4918-4930	5.6	3
26	Impact of estrogen-to-oocyte ratio on live birth rate in women undergoing in vitro fertilization and embryo transfer. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 11327-31		3
25	NAD ⁺ deficiency and mitochondrial dysfunction in granulosa cells of women with polycystic ovary syndrome. <i>Biology of Reproduction</i> , 2021 , 105, 371-380	3.9	3
24	Factors Associated with Ovarian Hyperstimulation Syndrome (OHSS) Severity in Women With Polycystic Ovary Syndrome Undergoing IVF/ICSI. <i>Frontiers in Endocrinology</i> , 2020 , 11, 615957	5.7	3
23	Effect of rapid cryopreservation on meiotic recombination in human spermatocytes. <i>Microscopy Research and Technique</i> , 2016 , 79, 923-928	2.8	2
22	Efficacy and Safety of In Vitro Fertilization (IVF)/Intracytoplasmic Sperm Injection (ICSI) Among Patients with Endometriosis After a Shortened Protocol of Long-Term Pituitary Downregulation. <i>Medical Science Monitor</i> , 2019 , 25, 4377-4383	3.2	2

21	A novel monogenic preimplantation genetic testing strategy for sporadic polycystic kidney caused by de novo PKD1 mutation. <i>Clinical Genetics</i> , 2021 , 99, 250-258	4	2
20	Effect of progesterone on hCG day-to-basal progesterone ratio on live birth rate in long agonist fresh IVF/ICSI cycles: a 5-year, single-center study of more than 10,000 cycles. <i>Gynecological Endocrinology</i> , 2021 , 37, 706-710	2.4	2
19	Calcium Ionophore (A23187) Rescues the Activation of Unfertilized Oocytes After Intracytoplasmic Sperm Injection and Chromosome Analysis of Blastocyst After Activation. <i>Frontiers in Endocrinology</i> , 2021 , 12, 692082	5.7	2
18	Theaflavin 3, 3RDigallate Delays Ovarian Aging by Improving Oocyte Quality and Regulating Granulosa Cell Function.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 7064179	6.7	2
17	Bone morphogenetic protein 2 inhibits growth differentiation factor 8-induced cell signaling via upregulation of gremlin2 expression in human granulosa-lutein cells. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 173	5	1
16	The Relationship Between Serum Delta FSH Level and Ovarian Response in IVF/ICSI Cycles. <i>Frontiers in Endocrinology</i> , 2020 , 11, 536100	5.7	1
15	The Influence of Chromosomal Polymorphism on Embryo Development and Embryonic Molecular Karyotype in Preimplantation Genetic Testing for Chromosomal Translocation. <i>Frontiers in Physiology</i> , 2020 , 11, 543188	4.6	1
14	Preterm Birth in Assisted Reproductive Technology: An Analysis of More Than 20,000 Singleton Newborns. <i>Frontiers in Endocrinology</i> , 2020 , 11, 558819	5.7	1
13	Expression of sirtuins in ovarian follicles of postnatal mice. <i>Molecular Reproduction and Development</i> , 2020 , 87, 1097-1108	2.6	1
12	Cumulative Live Birth Rate in Patients With Thin Endometrium: A Real-World Single-Center Experience. <i>Frontiers in Endocrinology</i> , 2020 , 11, 469	5.7	1
11	The single-nucleotide polymorphism rs743572 of CYP17A1 shows significant association with polycystic ovary syndrome: a meta-analysis. <i>Reproductive BioMedicine Online</i> , 2021 , 43, 941-951	4	1
10	Alterations in reproductive parameters and gene expression in Balb/c mice testes after exposure to silver nanoparticles. <i>Andrologia</i> , 2021 , 53, e13841	2.4	1
9	Impact of preimplantation genetic testing on obstetric and neonatal outcomes: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2021 , 116, 990-1000	4.8	1
8	Lnc-GULP1-2:1 affects granulosa cell proliferation by regulating COL3A1 expression and localization. <i>Journal of Ovarian Research</i> , 2021 , 14, 16	5.5	1
7	Patients with IVF complicated by moderate-to-critical OHSS experience increased thrombosis, GDM and neonatal NICU admission but slightly shorter gestation compared with matched IVF counterparts: A retrospective Chinese cohort study. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 8	5	1
6	Multidisciplinary management for Peutz-Jeghers syndrome and prevention of vertical transmission to offspring using preimplantation genetic testing.. <i>Orphanet Journal of Rare Diseases</i> , 2022 , 17, 64	4.2	1
5	NAD repletion attenuates obesity-induced oocyte mitochondrial dysfunction and offspring metabolic abnormalities via a SIRT3-dependent pathway.. <i>Clinical and Translational Medicine</i> , 2021 , 11, e628	5.7	1
4	Is It Possible to Expand Oocyte Donors by Decreasing Number of Oocytes for Own Use? Insights From a Large Single-Center Study. <i>Frontiers in Endocrinology</i> , 2021 , 12, 727339	5.7	0

- 3 Decreased DNA Repair Ability: A Mechanism for Low Early Embryonic Development Potential of Oocytes From Overweight Patients After Fertilization in IVF Cycles. *Frontiers in Endocrinology*, **2021**, 12, 756336 5.7 ○
- 2 Parental methylome reprogramming in human uniparental blastocysts reveals germline memory transition. *Genome Research*, **2021**, 31, 1519-1530 9.7 ○
- 1 Role of interleukin-10 polymorphisms and haplotypes in polycystic ovary syndrome risk. *International Journal of Clinical and Experimental Pathology*, **2017**, 10, 7956-7961 1.4