Yun Sun

List of Publications by Year
in descending order

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84	2,392	279701	254106
papers	citations	23 h-index	43 g-index

85	85	85	3410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transfer of Fresh versus Frozen Embryos in Ovulatory Women. New England Journal of Medicine, 2018, 378, 126-136.	13.9	367
2	Frozen versus fresh single blastocyst transfer in ovulatory women: a multicentre, randomised controlled trial. Lancet, The, 2019, 393, 1310-1318.	6.3	323
3	Tild-CRISPR Allows for Efficient and Precise Gene Knockin in Mouse and Human Cells. Developmental Cell, 2018, 45, 526-536.e5.	3.1	123
4	Long non-coding RNA LINC-01572:28 inhibits granulosa cell growth via a decrease in p27 (Kip1) degradation in patients with polycystic ovary syndrome. EBioMedicine, 2018, 36, 526-538.	2.7	72
5	Dysregulation and functional roles of miR-183-96-182 cluster in cancer cell proliferation, invasion and metastasis. Oncotarget, 0, 7, 42805-42825.	0.8	67
6	Influence of metabolic syndrome on female fertility and inÂvitro fertilization outcomes in PCOS women. American Journal of Obstetrics and Gynecology, 2019, 221, 138.e1-138.e12.	0.7	61
7	Melatonin levels in follicular fluid as markers for IVF outcomes and predicting ovarian reserve. Reproduction, 2017, 153, 443-451.	1.1	57
8	Metagenomic analysis identified microbiome alterations and pathological association between intestinal microbiota and polycystic ovary syndrome. Fertility and Sterility, 2020, 113, 1286-1298.e4.	0.5	53
9	Highly efficient base editing in human tripronuclear zygotes. Protein and Cell, 2017, 8, 772-775.	4.8	52
10	Effect of pretreatment with oral contraceptives and progestins on IVF outcomes in women with polycystic ovary syndrome. Human Reproduction, 2017, 32, 354-361.	0.4	43
11	Local effect of bisphenol A on the estradiol synthesis of ovarian granulosa cells from PCOS. Gynecological Endocrinology, 2017, 33, 21-25.	0.7	39
12	HMGB1â€induced aberrant autophagy contributes to insulin resistance in granulosa cells in PCOS. FASEB Journal, 2020, 34, 9563-9574.	0.2	38
13	Effects of BMAL1â€“SIRT1-positive cycle on estrogen synthesis in human ovarian granulosa cells: an implicative role of BMAL1 in PCOS. Endocrine, 2016, 53, 574-584.	1.1	37
14	The role of androgen in autophagy of granulosa cells from PCOS. Gynecological Endocrinology, 2019, 35, 669-672.	0.7	36
15	Differential effects of the CpG-toll-like receptor 9 axis on pregnancy outcome in nonobese diabetic mice and wild-type controls. Fertility and Sterility, 2013, 99, 1759-1767.e4.	0.5	34
16	Risk stratification by long nonâ€coding RNAs profiling in COVIDâ€19 patients. Journal of Cellular and Molecular Medicine, 2021, 25, 4753-4764.	1.6	34
17	Local Regeneration of Cortisol by 11Î²-HSD1 Contributes to Insulin Resistance of the Granulosa Cells in PCOS. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2168-2177.	1.8	33
18	IL-1Î² Upregulates StAR and Progesterone Production Through the ERK1/2- and p38-Mediated CREB Signaling Pathways in Human Granulosa-Lutein Cells. Endocrinology, 2017, 158, 3281-3291.	1.4	33

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19	Increased serum chemerin concentrations in patients with polycystic ovary syndrome: Relationship between insulin resistance and ovarian volume. Clinica Chimica Acta, 2015, 450, 366-369.	0.5	32
20	The role of three-dimensional power Doppler ultrasound parameters measured on hCG day in the prediction of pregnancy during in vitro fertilization treatment. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 203, 66-71.	0.5	32
21	DNA methylation analysis and editing in single mammalian oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9883-9892.	3.3	30
22	Androgenic regulation of beta-defensins in the mouse epididymis. Reproductive Biology and Endocrinology, 2014, 12, 76.	1.4	29
23	Elevated chemerin induces insulin resistance in human granulosaâ€‹utein cells from polycystic ovary syndrome patients. FASEB Journal, 2019, 33, 11303-11313.	0.2	28
24	Exosomes from Î²-cells alleviated hyperglycemia and enhanced angiogenesis in islets of streptozotocin-induced diabetic mice . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 2053-2064.	1.1	27
25	Prevention of CpG-Induced Pregnancy Disruption by Adoptive Transfer of In Vitro-Induced Regulatory T Cells. PLoS ONE, 2014, 9, e94702.	1.1	26
26	Up-regulated FHL2 inhibits ovulation through interacting with androgen receptor and ERK1/2 in polycystic ovary syndrome. EBioMedicine, 2020, 52, 102635.	2.7	26
27	Gastrointestinal hormone secretion in women with polycystic ovary syndrome: an observational study. Human Reproduction, 2015, 30, 2639-2644.	0.4	25
28	Crinone Gel for Luteal Phase Support in Frozen-Thawed Embryo Transfer Cycles: A Prospective Randomized Clinical Trial in the Chinese Population. PLoS ONE, 2015, 10, e0133027.	1.1	24
29	Human urine-derived stem cells play a novel role in the treatment of STZ-induced diabetic mice. Journal of Molecular Histology, 2018, 49, 419-428.	1.0	22
30	Local Cortisol Elevation Contributes to Endometrial Insulin Resistance in Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2457-2467.	1.8	22
31	FTY720-Induced Conversion of Conventional Foxp3â^'CD4+ T Cells to Foxp3+ Regulatory T Cells in NOD Mice. American Journal of Reproductive Immunology, 2011, 66, 349-362.	1.2	20
32	The Effect of Supraphysiological Estradiol on Pregnancy Outcomes Differs Between Women With PCOS and Ovulatory Women. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2735-2742.	1.8	20
33	Human cleaving embryos enable robust homozygotic nucleotide substitutions by base editors. Genome Biology, 2019, 20, 101.	3.8	20
34	Induction of autophagy by Beclin-1 in granulosa cells contributes to follicular progesterone elevation in ovarian endometriosis. Translational Research, 2021, 227, 15-29.	2.2	20
35	Novel role of CXCL14 in modulating STAR expression in luteinized granulosa cells: implication for progesterone synthesis in PCOS patients. Translational Research, 2021, 230, 55-67.	2.2	20
36	Metabolomic profiling of human follicular fluid from patients with repeated failure of in vitro fertilization using gas chromatography/mass spectrometry. International Journal of Clinical and Experimental Pathology, 2014, 7, 7220-9.	0.5	20

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37	Hysteroscopy prior to repeat embryo transfer may improve pregnancy outcomes for asymptomatic women with repeated implantation failure. Journal of Obstetrics and Gynaecology Research, 2015, 41, 1569-1576.	0.6	19
38	Metabolic actions of insulin in ovarian granulosa cells were unaffected by hyperandrogenism. Endocrine, 2016, 53, 823-830.	1.1	19
39	Monochorionic quadramniotic and triamniotic pregnancies following single embryo transfers: two case reports and a review of the literature. Journal of Assisted Reproduction and Genetics, 2016, 33, 27-32.	1.2	19
40	High concentration of chemerin caused by ovarian hyperandrogenism may lead to poor IVF outcome in polycystic ovary syndrome: a pilot study. Gynecological Endocrinology, 2019, 35, 1072-1077.	0.7	19
41	A Novel Molecule in Human Cyclic Endometrium: LncRNA TUNAR Is Involved in Embryo Implantation. Frontiers in Physiology, 2020, 11, 587448.	1.3	18
42	Platelet-Rich Plasma as a Potential New Strategy in the Endometrium Treatment in Assisted Reproductive Technology. Frontiers in Endocrinology, 2021, 12, 707584.	1.5	18
43	Lysyl oxidase blockade ameliorates anovulation in polycystic ovary syndrome. Human Reproduction, 2018, 33, 2096-2106.	0.4	17
44	Family-based analysis of eight susceptibility loci in polycystic ovary syndrome. Scientific Reports, 2015, 5, 12619.	1.6	15
45	An inverse association between serum soluble receptor of advanced glycation end products and hyperandrogenism and potential implication in polycystic ovary syndrome patients. Reproductive Biology and Endocrinology, 2017, 15, 9.	1.4	14
46	MicroRNA-135a Regulates VEGFC Expression and Promotes Luteinized Granulosa Cell Apoptosis in Polycystic Ovary Syndrome. Reproductive Sciences, 2020, 27, 1436-1442.	1.1	14
47	C/EBPÎ´ drives key endocrine signals in the human amnion at parturition. Clinical and Translational Medicine, 2021, 11, e416.	1.7	14
48	LEPRgene polymorphism and plasma soluble leptin receptor levels are associated with polycystic ovary syndrome in Han Chinese women. Personalized Medicine, 2017, 14, 299-307.	0.8	13
49	Elevated levels of arachidonic acid metabolites in follicular fluid of PCOS patients. Reproduction, 2020, 159, 159-169.	1.1	13
50	Alterations of polyunsaturated fatty acid metabolism in ovarian tissues of polycystic ovary syndrome rats. Journal of Cellular and Molecular Medicine, 2018, 22, 3388-3396.	1.6	12
51	Effect of Orlistat on Live Birth Rate in Overweight or Obese Women Undergoing IVF-ET: A Randomized Clinical Trial. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3533-e3545.	1.8	12
52	Delayed insulin secretion response during an OGTT is associated with an increased risk for incidence of diabetes in NGT subjects. Journal of Diabetes and Its Complications, 2016, 30, 1537-1543.	1.2	11
53	Prednisone for patients with recurrent implantation failure: study protocol for a double-blind, multicenter, randomized, placebo-controlled trial. Trials, 2020, 21, 719.	0.7	11
54	Identification of HOXA10 target genes in human endometrial stromal cells by RNA-seq analysis. Acta Biochimica Et Biophysica Sinica, 2021, 53, 365-371.	0.9	11

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55	Live birth after fresh versus frozen single blastocyst transfer (Frefro-blastocyst): study protocol for a randomized controlled trial. Trials, 2017, 18, 253.	0.7	10
56	Erythropoietin-producing hepatocellular A7 triggering ovulation indicates a potential beneficial role for polycystic ovary syndrome. EBioMedicine, 2018, 36, 539-552.	2.7	10
57	Addressing the role of 11Î²-hydroxysteroid dehydrogenase type 1 in the development of polycystic ovary syndrome and the putative therapeutic effects of its selective inhibition in a preclinical model. Metabolism: Clinical and Experimental, 2021, 119, 154749.	1.5	10
58	Intrafollicular fibroblast growth factor 13 in polycystic ovary syndrome: relationship with androgen levels and oocyte developmental competence. Journal of Ovarian Research, 2018, 11, 87.	1.3	9
59	Exosomes released from Sertoli cells contribute to the survival of Leydig cells through CCL20 in rats. Molecular Human Reproduction, 2022, 28, .	1.3	9
60	Ambient air pollution on fecundity and live birth in women undergoing assisted reproductive technology in the Yangtze River Delta of China. Environment International, 2022, 162, 107181.	4.8	9
61	Frozen embryo transfer or fresh embryo transfer: Clinical outcomes depend on the number of oocytes retrieved. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 215, 50-54.	0.5	8
62	Circulating osteopontin and its association with liver fat content in non-obese women with polycystic ovary syndrome: a case control study. Reproductive Biology and Endocrinology, 2018, 16, 31.	1.4	8
63	Elevated SAA1 promotes the development of insulin resistance in ovarian granulosa cells in polycystic ovary syndrome. Reproductive Biology and Endocrinology, 2022, 20, 4.	1.4	8
64	Role of adiponectin/peroxisome proliferator-activated receptor alpha signaling in human chorionic gonadotropin-induced estradiol synthesis in human luteinized granulosa cells. Molecular and Cellular Endocrinology, 2019, 493, 110450.	1.6	7
65	Expanded Preconception Carrier Screening in Clinical Practice: Review of Technology, Guidelines, Implementation Challenges, and Ethical Quandaries. Clinical Obstetrics and Gynecology, 2019, 62, 217-227.	0.6	7
66	Dysfunction of B-cell lymphoma 2/adenovirus E1B 19KD interacting protein 3 in decidua is involved in the pathogenesis of preeclampsia. Journal of Hypertension, 2019, 37, 2048-2060.	0.3	7
67	Optimal Candidates to Do Fresh Embryo Transfer in Those Using Oral Contraceptive Pretreatment in IVF Cycles. Frontiers in Physiology, 2021, 12, 576917.	1.3	7
68	Comparison of preimplantation genetic testing for aneuploidy versus intracytoplasmic sperm injection in severe male infertility. Andrologia, 2021, 53, e14065.	1.0	7
69	Deficiency of Sirtuin 1 Impedes Endometrial Decidualization in Recurrent Implantation Failure Patients. Frontiers in Cell and Developmental Biology, 2021, 9, 598364.	1.8	7
70	Hepatic nitric oxide synthase 1 adaptor protein regulates glucose homeostasis and hepatic insulin sensitivity in obese mice depending on its PDZ binding domain. EBioMedicine, 2019, 47, 352-364.	2.7	6
71	Comparison of PGS2.0 versus conventional embryo morphology evaluation for patients with recurrent pregnancy loss: a study protocol for a multicentre randomised trial. BMJ Open, 2020, 10, e036252.	0.8	6
72	Effect of pretreatment oral contraceptives on fresh and cumulative live birth in vitro fertilization outcomes in ovulatory women. Fertility and Sterility, 2020, 114, 779-786.	0.5	6

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73	Risk Factors for Anterior Hypopituitarism in Patients With Traumatic Brain Injury. Journal of Craniofacial Surgery, 2019, 30, 2119-2123.	0.3	5
74	Role of Androgen in Liver Fat Content in Women: Metabolically Advantageous or Disadvantageous?. Endocrine Practice, 2020, 26, 1003-1016.	1.1	5
75	In Silico, In Vitro, and In Vivo Analysis Identifies Endometrial Circadian Clock Genes in Recurrent Implantation Failure. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2077-2091.	1.8	5
76	Predicting the outcomes of shunt implantation in patients with post-traumatic hydrocephalus and severe conscious disturbance: a scoring system based on clinical characteristics. Journal of Integrative Neuroscience, 2020, 19, 31.	0.8	5
77	The expression changes of circular RNAs between LHâ€‰+â€‰2 and LHâ€‰+â€‰7 human endometrium. Acta Biochimica Et Biophysica Sinica, 2019, 51, 1296-1299.	0.9	3
78	The upregulation of 11Î²-HSD1 in ovarian granulosa cells by cortisol and interleukin-1Î² in polycystic ovary syndrome. Gynecological Endocrinology, 2020, 36, 668-672.	0.7	3
79	Neurogenesis Potential Evaluation and Transcriptome Analysis of Fetal Hypothalamic Neural Stem/Progenitor Cells With Prenatal High Estradiol Exposure. Frontiers in Genetics, 2021, 12, 677935.	1.1	3
80	Induction of Collagen I by CXCL10 in Ovarian Thecaâ€“Stroma Cells via the JNK Pathway. Frontiers in Endocrinology, 2022, 13, 823740.	1.5	3
81	A comparative, observational study evaluating dosing characteristics and ovarian response using the recombinant human follicle-stimulating hormone pen injector with small-dose dial in assisted reproductive technologies treatment in Asia: IMPROVE study. Reproductive Biology and Endocrinology, 2022, 20, 15.	1.4	2
82	Isolation and characterization of detergent-resistant membranes from rat spermatozoa. Asian Journal of Andrology, 2014, 16, 790.	0.8	1
83	Serum Sex Hormone Binding Globulin Concentration as a Predictor of Ovarian Response During Controlled Ovarian Hyperstimulation. Frontiers in Medicine, 2021, 8, 719818.	1.2	1
84	Oncofertility Knowledge and Communication: Comparison Between Medical and Surgical Oncologists and Breast Cancer Patients in Academic Chinese Centers. Frontiers in Surgery, 2021, 8, 681614.	0.6	0