

Songying Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,093
citations

279487

23
h-index

276539

41
g-index

80
all docs

80
docs citations

80
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer of Fresh versus Frozen Embryos in Ovulatory Women. <i>New England Journal of Medicine</i> , 2018, 378, 126-136.	13.9	367
2	A collagen scaffold loaded with human umbilical cord-derived mesenchymal stem cells facilitates endometrial regeneration and restores fertility. <i>Acta Biomaterialia</i> , 2019, 92, 160-171.	4.1	112
3	Endometrial stem cells repair injured endometrium and induce angiogenesis via AKT and ERK pathways. <i>Reproduction</i> , 2016, 152, 389-402.	1.1	97
4	A scaffold laden with mesenchymal stem cell-derived exosomes for promoting endometrium regeneration and fertility restoration through macrophage immunomodulation. <i>Acta Biomaterialia</i> , 2020, 113, 252-266.	4.1	96
5	Excessive oxidative stress in cumulus granulosa cells induced cell senescence contributes to endometriosis-associated infertility. <i>Redox Biology</i> , 2020, 30, 101431.	3.9	79
6	Metformin inhibits testosterone-induced endoplasmic reticulum stress in ovarian granulosa cells via inactivation of p38 MAPK. <i>Human Reproduction</i> , 2020, 35, 1145-1158.	0.4	72
7	HucMSC-Derived Exosomes Mitigate the Age-Related Retardation of Fertility in Female Mice. <i>Molecular Therapy</i> , 2020, 28, 1200-1213.	3.7	69
8	Heat Shock Protein 90 Has Roles in Intracellular Calcium Homeostasis, Protein Tyrosine Phosphorylation Regulation, and Progesterone-Responsive Sperm Function in Human Sperm. <i>PLoS ONE</i> , 2014, 9, e115841.	1.1	60
9	Effects of high progesterone level on the day of human chorionic gonadotrophin administration in in vitro fertilization cycles on epigenetic modification of endometrium in the peri-implantation period. <i>Fertility and Sterility</i> , 2017, 108, 269-276.e1.	0.5	55
10	Live Birth Sex Ratio after In Vitro Fertilization and Embryo Transfer in China - An Analysis of 121,247 Babies from 18 Centers. <i>PLoS ONE</i> , 2014, 9, e113522.	1.1	51
11	Maternal inheritance of glucose intolerance via oocyte TET3 insufficiency. <i>Nature</i> , 2022, 605, 761-766.	13.7	48
12	Near-Infrared-Triggered Dynamic Surface Topography for Sequential Modulation of Macrophage Phenotypes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43689-43697.	4.0	45
13	Unresponsive thin endometrium caused by Asherman syndrome treated with umbilical cord mesenchymal stem cells on collagen scaffolds: a pilot study. <i>Stem Cell Research and Therapy</i> , 2021, 12, 420.	2.4	40
14	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.	1.2	39
15	Endometrial preparation for frozen-thawed embryo transfer cycles: a systematic review and network meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1913-1926.	1.2	39
16	MiR-210-3p protects endometriotic cells from oxidative stress-induced cell cycle arrest by targeting BARD1. <i>Cell Death and Disease</i> , 2019, 10, 144.	2.7	38
17	Hypoxia Promotes Ectopic Adhesion Ability of Endometrial Stromal Cells via TGF- β 1/Smad Signaling in Endometriosis. <i>Endocrinology</i> , 2018, 159, 1630-1641.	1.4	37
18	Activation of the Hippo/TAZ pathway is required for menstrual stem cells to suppress myofibroblast and inhibit transforming growth factor β signaling in human endometrial stromal cells. <i>Human Reproduction</i> , 2019, 34, 635-645.	0.4	36

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19	In situ delivery of apoptotic bodies derived from mesenchymal stem cells via a hyaluronic acid hydrogel: A therapy for intrauterine adhesions. <i>Bioactive Materials</i> , 2022, 12, 107-119.	8.6	36
20	Endometriotic mesenchymal stem cells significantly promote fibrogenesis in ovarian endometrioma through the Wnt/ β -catenin pathway by paracrine production of TGF- β 1 and Wnt1. <i>Human Reproduction</i> , 2016, 31, 1224-1235.	0.4	33
21	Incidence of Interstitial Pregnancy After In Vitro Fertilization/Embryo Transfer and the Outcome of a Consecutive Series of 38 Cases Managed by Laparoscopic Cornuostomy or Cornual Repair. <i>Journal of Minimally Invasive Gynecology</i> , 2016, 23, 739-747.	0.3	32
22	Effect of early second-look hysteroscopy on reproductive outcomes after hysteroscopic adhesiolysis in patients with intrauterine adhesion, a retrospective study in China. <i>International Journal of Surgery</i> , 2018, 50, 49-54.	1.1	31
23	Endometrial stem cell-derived granulocyte-colony stimulating factor attenuates endometrial fibrosis via sonic hedgehog transcriptional activator Gli2. <i>Biology of Reproduction</i> , 2018, 98, 480-490.	1.2	29
24	The effect of elevated progesterone levels before oocyte retrieval in women undergoing ovarian stimulation for IVF treatment on the genomic profile of peri-implantation endometrium. <i>Journal of Reproductive Immunology</i> , 2017, 121, 17-25.	0.8	27
25	Human menstrual blood-derived stem cells promote the repair of impaired endometrial stromal cells by activating the p38 MAPK and AKT signaling pathways. <i>Reproductive Biology</i> , 2018, 18, 274-281.	0.9	27
26	Biallelic mutations in <i>MOS</i> cause female infertility characterized by human early embryonic arrest and fragmentation. <i>EMBO Molecular Medicine</i> , 2021, 13, e14887.	3.3	27
27	Overactivated sonic hedgehog signaling aggravates intrauterine adhesion via inhibiting autophagy in endometrial stromal cells. <i>Cell Death and Disease</i> , 2020, 11, 755.	2.7	26
28	Differential expression of vascular endothelial growth factor angiogenic factors in different endometrial compartments in women who have an elevated progesterone level before oocyte retrieval, during in vitro fertilization-embryo transfer treatment. <i>Fertility and Sterility</i> , 2015, 104, 1030-1036.	0.5	24
29	A comparison of the miscarriage rate between women with and without polycystic ovarian syndrome undergoing IVF treatment. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 176, 178-182.	0.5	22
30	CFTR gene mutations and polymorphism are associated with non-obstructive azoospermia: From case-control study. <i>Gene</i> , 2017, 626, 282-289.	1.0	22
31	The effect of a high progesterone concentration before oocyte retrieval on the peri-implantation endometrium. <i>Reproductive BioMedicine Online</i> , 2015, 31, 739-746.	1.1	18
32	Extracellular Vesicle-Mediated Secretion of HLA-E by Trophoblasts Maintains Pregnancy by Regulating the Metabolism of Decidual NK Cells. <i>International Journal of Biological Sciences</i> , 2021, 17, 4377-4395.	2.6	18
33	Cervical pessaries for the prevention of preterm birth: a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1654-1663.	0.7	17
34	Hypoxia-induced lactate dehydrogenase protects cells from apoptosis in endometriosis. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	17
35	Hormone Replacement Therapy Reverses Gut Microbiome and Serum Metabolome Alterations in Premature Ovarian Insufficiency. <i>Frontiers in Endocrinology</i> , 2021, 12, 794496.	1.5	16
36	Comparison of progesterone measurement on day of, and day after, HCG administration in IVF-embryo transfer cycles. <i>Reproductive BioMedicine Online</i> , 2015, 30, 157-165.	1.1	15

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37	Laparoscopic treatment of cornual heterotopic pregnancy: A retrospective cohort study. <i>International Journal of Surgery</i> , 2018, 53, 98-102.	1.1	15
38	Freeze-all embryo strategy in poor ovarian responders undergoing ovarian stimulation for in vitro fertilization. <i>Gynecological Endocrinology</i> , 2018, 34, 680-683.	0.7	13
39	Acquired treatment response from neoadjuvant chemotherapy predicts a favorable prognosis for local advanced cervical cancer. <i>Medicine (United States)</i> , 2018, 97, e0530.	0.4	13
40	The effect of intralipid on pregnancy outcomes in women with previous implantation failure in in vitro fertilization/intracytoplasmic sperm injection cycles: A systematic review and meta-analysis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 252, 187-192.	0.5	13
41	Dysfunction of Shh signaling activates autophagy to inhibit trophoblast motility in recurrent miscarriage. <i>Experimental and Molecular Medicine</i> , 2021, 53, 52-66.	3.2	13
42	Cyclophosphamide Exposure Causes Long-Term Detrimental Effect of Oocytes Developmental Competence Through Affecting the Epigenetic Modification and Maternal Factorsâ€™ Transcription During Oocyte Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 682060.	1.8	12
43	ADAMTS1 and HSPG2 mRNA levels in cumulus cells are related to human oocyte quality and controlled ovarian hyperstimulation outcomes. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 657-667.	1.2	11
44	Efficacy and safety of recombinant human follicle-stimulating hormone in patients undergoing in vitro fertilization-embryo transfer. <i>Aging</i> , 2020, 12, 4918-4930.	1.4	11
45	S100P is Overexpressed in Squamous Cell and Adenosquamous Carcinoma Subtypes of Endometrial Cancer and Promotes Cancer Cell Proliferation and Invasion. <i>Cancer Investigation</i> , 2016, 34, 477-488.	0.6	10
46	Combination of noninvasive methods in diagnosis of infertile women with minimal or mild endometriosis, a retrospective study in China. <i>Medicine (United States)</i> , 2019, 98, e16695.	0.4	10
47	Population-Wide Duchenne Muscular Dystrophy Carrier Detection by CK and Molecular Testing. <i>BioMed Research International</i> , 2020, 2020, 1-12.	0.9	10
48	Abnormal Cullin1 neddylation-mediated p21 accumulation participates in the pathogenesis of recurrent spontaneous abortion by regulating trophoblast cell proliferation and differentiation. <i>Molecular Human Reproduction</i> , 2020, 26, 327-339.	1.3	10
49	Lysophosphatidic acid improves oocyte quality during IVM by activating the ERK1/2 pathway in cumulus cells and oocytes. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	10
50	A comparison of pregnancy outcome of modified transvaginal cervicoisthmic cerclage performed prior to and during pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 645-652.	0.8	9
51	Cornual Suture at the Time of Laparoscopic Salpingectomy Reduces the Incidence of Interstitial Pregnancy after In Vitro Fertilization. <i>Journal of Minimally Invasive Gynecology</i> , 2018, 25, 1080-1087.	0.3	9
52	Novel WEE2 compound heterozygous mutations identified in patients with fertilization failure or poor fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2861-2869.	1.2	9
53	Estrogen inhibits the growth of colon cancer in mice through reversing extracellular vesicle-mediated immunosuppressive tumor microenvironment. <i>Cancer Letters</i> , 2021, 520, 332-343.	3.2	9
54	Evidence from three cohort studies on the expression of MUC16 around the time of implantation suggests it is an inhibitor of implantation. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1105-1115.	1.2	8

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55	The Sonic Hedgehog signaling pathway regulates autophagy and migration in ovarian cancer. <i>Cancer Medicine</i> , 2021, 10, 4510-4521.	1.3	8
56	Toxicity from a single injection of human umbilical cord mesenchymal stem cells into rat ovaries. <i>Reproductive Toxicology</i> , 2022, 110, 9-18.	1.3	8
57	Predicting the Likelihood of Live Birth in Assisted Reproductive Technology According to the Number of Oocytes Retrieved and Female Age Using a Generalized Additive Model: A Retrospective Cohort Analysis of 17,948 Cycles. <i>Frontiers in Endocrinology</i> , 2021, 12, 606231.	1.5	6
58	A comparison of pregnancy outcome of emergency modified transvaginal cervicoisthmic cerclage performed in twin and singleton pregnancies. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 1197-1205.	0.8	5
59	The number of previous failed embryo transfer cycles is an independent factor affecting implantation rate in women undergoing IVF/ICSI treatment. <i>Medicine (United States)</i> , 2021, 100, e25034.	0.4	5
60	Molecular Signatures Correlated With Poor IVF Outcomes: Insights From the mRNA and lncRNA Expression of Endometriotic Granulosa Cells. <i>Frontiers in Endocrinology</i> , 2022, 13, 825934.	1.5	5
61	Biallelic variants in <i>MOS</i> cause large polar body in oocyte and human female infertility. <i>Human Reproduction</i> , 2022, 37, 1932-1944.	0.4	5
62	Luteal phase support for in vitro fertilization/intracytoplasmic sperm injection fresh cycles: a systematic review and network meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 103.	1.4	4
63	Pregnancy-related complications and perinatal outcomes following progesterone supplementation before 20 weeks of pregnancy in spontaneously achieved singleton pregnancies: a systematic review and meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 165.	1.4	4
64	TGF- β 1 in Seminal Plasma Promotes Endometrial Mesenchymal Stem Cell Growth via p42/44 and Akt Pathway in Patients With or Without Endometriosis. <i>Reproductive Sciences</i> , 2022, 29, 723-733.	1.1	3
65	A comparative study on the short-term clinical efficacy of the modified laparoscopic uterine comminution technique and traditional methods. <i>Molecular and Clinical Oncology</i> , 2020, 12, 237-243.	0.4	2
66	A comparison of implantation, miscarriage and pregnancy rates of single and double day 3 embryo transfer between fresh and frozen thawed transfer cycles: a retrospective study. <i>Chinese Medical Journal</i> , 2014, 127, 911-5.	0.9	2
67	Systematic analyses of a novel circRNA-related miRNAs prognostic signature for Cervical Cancer. <i>Genetics and Molecular Biology</i> , 2022, 45, .	0.6	2
68	Reply letter to: "Comments on manuscript: Laparoscopic treatment of cornual heterotopic pregnancy: A retrospective cohort study". <i>International Journal of Surgery</i> , 2019, 68, 168-169.	1.1	1
69	Dual Trigger for Final Follicular Maturation Improves Cumulative Live-Birth Rate in Ovarian Stimulation for Freeze-All In Vitro Fertilization/Intracytoplasmic Sperm Injection Cycles. <i>Frontiers in Endocrinology</i> , 2021, 12, 708247.	1.5	1
70	The effect on twinning rate of transferring double vitrified-warmed embryos in women of advanced reproductive age: a retrospective study. <i>PeerJ</i> , 2020, 8, e8308.	0.9	1
71	Time to pregnancy in women with previous ectopic pregnancy undergoing in vitro fertilization treatment: a retrospective cohort study. <i>Scientific Reports</i> , 2022, 12, .	1.6	0