

Lei Jin

List of Publications by Year in Descending Order

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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.

96
papers

1,039
citations

14
h-index

29
g-index

110
ext. papers

1,581
ext. citations

4.1
avg, IF

4.71
L-index

#	Paper	IF	Citations
96	Using deep learning to predict the outcome of live birth from more than 10,000 embryo data.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 36	3.2	0
95	BAY61-3606 attenuates neuroinflammation and neurofunctional damage by inhibiting microglial Mincle/Syk signaling response after traumatic brain injury. <i>International Journal of Molecular Medicine</i> , 2022 , 49,	4.4	1
94	Early Cervical Lesions Affecting Ovarian Reserve and Reproductive Outcomes of Females in Assisted Reproductive Cycles.. <i>Frontiers in Oncology</i> , 2022 , 12, 761219	5.3	1
93	Transcriptome-wide N6-methyladenine methylation in granulosa cells of women with decreased ovarian reserve.. <i>BMC Genomics</i> , 2022 , 23, 240	4.5	0
92	Investigating the impact of SARS-CoV-2 infection on basic semen parameters and in vitro fertilization/intracytoplasmic sperm injection outcomes: a retrospective cohort study.. <i>Reproductive Biology and Endocrinology</i> , 2022 , 20, 46	5	2
91	Novel mutations in ZP2 and ZP3 cause female infertility in three patients.. <i>Journal of Assisted Reproduction and Genetics</i> , 2022 , 1	3.4	0
90	Direct Current Electric Field Coordinates the Migration of BV2 Microglia via ERK/GSK3 β /Cofilin Signaling Pathway.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
89	Rapamycin improves the quality and developmental competence of mice oocytes by promoting DNA damage repair during in vitro maturation.. <i>Reproductive Biology and Endocrinology</i> , 2022 , 20, 67	5	1
88	A novel homozygous missense variant in BTG4 causes zygotic cleavage failure and female infertility. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 3261	3.4	1
87	A machine learning-based risk scoring system for infertility considering different age groups. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 1331-1344	8.4	1
86	The Impact of Down-Regulation on Obstetrics and Perinatal Outcomes in Singleton Pregnancies After Fertilization. <i>Frontiers in Endocrinology</i> , 2021 , 12, 622081	5.7	0
85	Individualized embryo selection strategy developed by stacking machine learning model for better in vitro fertilization outcomes: an application study. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 53	5	4
84	Interferon regulatory factor transcript levels correlate with clinical outcomes in human glioma. <i>Aging</i> , 2021 , 13, 12086-12098	5.6	2
83	MiR-3666 serves as a tumor suppressor in ovarian carcinoma by down-regulating AK4 via targeting STAT3. <i>Cancer Biomarkers</i> , 2021 , 30, 355-363	3.8	5
82	High Serum Anti-Müllerian Hormone Concentrations Are Associated With Poor Pregnancy Outcome in Fresh IVF/ICSI Cycle but Not Cumulative Live Birth Rate in PCOS Patients. <i>Frontiers in Endocrinology</i> , 2021 , 12, 673284	5.7	0
81	Effect of Orlistat on Live Birth Rate in Overweight or Obese Women Undergoing IVF-ET: A Randomized Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3533-e3545	5.6	1
80	TUBB8 Mutations Cause Female Infertility with Large Polar Body Oocyte and Fertilization Failure. <i>Reproductive Sciences</i> , 2021 , 28, 2942-2950	3	2

79	Analysis of endometrial thickness patterns and pregnancy outcomes considering 12,991 fresh IVF cycles. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 176	3.6	2
78	A Novel Assisted Oocyte Activation Method Improves Fertilization in Patients With Recurrent Fertilization Failure. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 672081	5.7	2
77	Blastocyst morphology is associated with the incidence of monozygotic twinning in assisted reproductive technology. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 225, 654.e1-654.e16	6.4	1
76	Assisted reproductive technology is associated with premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 555-561	2	4
75	A novel mutation in ZP3 causes empty follicle syndrome and abnormal zona pellucida formation. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 251-259	3.4	6
74	The effect of polycystic ovary syndrome without hyperandrogenism on pregnancy-related outcomes: a retrospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021 , 128, 1003-1010	3.7	5
73	Repeated cryopreservation process impairs embryo implantation potential but does not affect neonatal outcomes. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 75-82	4	2
72	The relationship between a novel evaluation parameter of premature luteinization and IVF outcomes. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 323-331	4	8
71	The estradiol/oocyte ratio predicts the MII oocyte rate, but not live-birth rate in a depot gonadotropin-releasing hormone agonist long protocol. <i>International Journal of Gynecology and Obstetrics</i> , 2021 , 153, 100-105	4	1
70	Effectiveness of ultra-long protocol on in vitro fertilization/intracytoplasmic sperm injection-embryo transfer outcome in infertile women with endometriosis: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021 , 47, 1232-1242	1.9	2
69	An Online Questionnaire Survey on the Sexual Life and Sexual Function of Chinese Adult Men During the Coronavirus Disease 2019 Epidemic. <i>Sexual Medicine</i> , 2021 , 9, 100293	2.7	14
68	RNA Sequencing of Decidua Reveals Differentially Expressed Genes in Recurrent Pregnancy Loss. <i>Reproductive Sciences</i> , 2021 , 28, 2261-2269	3	4
67	Investigating the impact of asymptomatic or mild SARS-CoV-2 infection on female fertility and fertilization outcomes: A retrospective cohort study. <i>EClinicalMedicine</i> , 2021 , 38, 101013	11.3	10
66	Efficacy of three COS protocols and predictability of AMH and AFC in women with discordant ovarian reserve markers: a retrospective study on 19,239 patients. <i>Journal of Ovarian Research</i> , 2021 , 14, 111	5.5	0
65	Association of body mass index with serum anti-Müllerian hormone and inhibin B levels among 8323 women attending a reproductive medical center: a cross-sectional study. <i>Endocrine</i> , 2021 , 1	4	1
64	Neonatal Outcomes of Embryos Cultured in a Time-Lapse Incubation System: an Analysis of More Than 15,000 Fresh Transfer Cycles. <i>Reproductive Sciences</i> , 2021 , 1	3	1
63	Normalized Mitochondrial DNA Copy Number Can Optimize Pregnancy Outcome Prediction in IVF. <i>Reproductive Sciences</i> , 2021 , 28, 1439-1446	3	2
62	An artificial intelligence model (euploid prediction algorithm) can predict embryo ploidy status based on time-lapse data.. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 185	5	2

61	Analysis of maturation dynamics and developmental competence of in vitro matured oocytes under time-lapse monitoring. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 183	5	2
60	Risk of birth defects in children conceived by artificial oocyte activation and intracytoplasmic sperm injection: a meta-analysis. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 123	5	8
59	Clinical and genetic analysis of an isolated follicle-stimulating hormone deficiency female patient. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 1441-1448	3.4	2
58	Neonatal outcome of children born after ICSI with epididymal or testicular sperm: A 10-year study in China. <i>Scientific Reports</i> , 2020 , 10, 5145	4.9	9
57	Pregnancy and perinatal outcomes in pregnancies resulting from time interval between a freeze-all cycle and a subsequent frozen-thawed single blastocyst transfer. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 161	3.2	3
56	Perinatal outcome in young patients with diminished ovarian reserve undergoing assisted reproductive technology. <i>Fertility and Sterility</i> , 2020 , 114, 118-124.e1	4.8	8
55	The depot GnRH agonist protocol improves the live birth rate per fresh embryo transfer cycle, but not the cumulative live birth rate in normal responders: a randomized controlled trial and molecular mechanism study. <i>Human Reproduction</i> , 2020 , 35, 1306-1318	5.7	17
54	Novel homozygous mutations in PATL2 lead to female infertility with oocyte maturation arrest. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 841-847	3.4	12
53	The impact of male infertility or intracytoplasmic sperm injection technique on perinatal outcomes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-7	2	
52	Fertility outcomes of IVF/ICSI after Caesarean section: a cohort study. <i>Reproductive BioMedicine Online</i> , 2020 , 40, 719-728	4	6
51	Human papillomavirus vaccine against cervical cancer: Opportunity and challenge. <i>Cancer Letters</i> , 2020 , 471, 88-102	9.9	91
50	Verteporfin Is a Promising Anti-Tumor Agent for Cervical Carcinoma by Targeting Endoplasmic Reticulum Stress Pathway. <i>Frontiers in Oncology</i> , 2020 , 10, 1781	5.3	1
49	Association between blastocyst morphology and live birth rate following frozen-thawed single blastocyst transfer: Results from a 5-year retrospective analysis of 2593 cryopreserved blastocysts. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020 , 46, 2314-2322	1.9	2
48	High-quality Cleavage Embryo versus Low-quality Blastocyst in Frozen-thawed Cycles: Comparison of Clinical Outcomes. <i>Current Medical Science</i> , 2020 , 40, 968-972	2.8	1
47	Prediction model for clinical pregnancy for ICSI after surgical sperm retrieval in different types of azoospermia. <i>Human Reproduction</i> , 2020 , 35, 1972-1982	5.7	5
46	Clinical and genetic analysis of cytochrome P450 oxidoreductase (POR) deficiency in a female and the analysis of a novel POR intron mutation causing alternative mRNA splicing : Overall analysis of a female with POR deficiency. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 2503-2511	3.4	2
45	Lack of Knowledge, the main Stumbling Block of Fertility Preservation Promotion in China. <i>Journal of Cancer Education</i> , 2020 , 1	1.8	1
44	Human Follicle Culture Including Activation, Growth, and Maturation: A Review of Research Progress. <i>Frontiers in Endocrinology</i> , 2020 , 11, 548	5.7	12

43	Novel mutations in ZP1 and ZP2 cause primary infertility due to empty follicle syndrome and abnormal zona pellucida. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 2853-2860	3.4	9
42	Risk factors of gestational diabetes mellitus during assisted reproductive technology procedures. <i>Gynecological Endocrinology</i> , 2020 , 36, 318-321	2.4	4
41	Performing ICSI within 4 hours after denudation optimizes clinical outcomes in ICSI cycles. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 27	5	4
40	Development of a Dynamic Diagnosis Grading System for Infertility Using Machine Learning. <i>JAMA Network Open</i> , 2020 , 3, e2023654	10.4	3
39	In Vitro Fertilization (IVF) Cumulative Pregnancy Rate Prediction From Basic Patient Characteristics. <i>IEEE Access</i> , 2019 , 7, 130460-130467	3.5	3
38	Multi-Task Deep Learning With Dynamic Programming for Embryo Early Development Stage Classification From Time-Lapse Videos. <i>IEEE Access</i> , 2019 , 7, 122153-122163	3.5	13
37	Assisted conception does not increase the risk for mother-to-child transmission of hepatitis B virus, compared with natural conception: a prospective cohort study. <i>Fertility and Sterility</i> , 2019 , 111, 348-356	4.8	1
36	Influence of Different Gonadotropin-releasing Hormone Agonist Administration Methods on Pregnancy Outcomes of Patients Undergoing In-vitro Fertilization-embryo Transfer. <i>Current Medical Science</i> , 2019 , 39, 437-441	2.8	4
35	Mitochondrial dysfunction and endoplasmic reticulum stress involved in oocyte aging: an analysis using single-cell RNA-sequencing of mouse oocytes. <i>Journal of Ovarian Research</i> , 2019 , 12, 53	5.5	14
34	Developmental Potential and Clinical Value of Embryos with Abnormal Cleavage Rate. <i>Current Medical Science</i> , 2019 , 39, 118-121	2.8	1
33	Comparison of recombinant and urinary follicle-stimulating hormones over 2000 gonadotropin-releasing hormone antagonist cycles: a retrospective study. <i>Scientific Reports</i> , 2019 , 9, 5329	4.9	3
32	Effect of antitubercular treatment on the pregnancy outcomes and prognoses of patients with genital tuberculosis. <i>Frontiers of Medicine</i> , 2019 , 13, 121-125	12	1
31	Novel compound heterozygous mutations in WEE2 causes female infertility and fertilization failure. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 1957-1962	3.4	11
30	The Effect of Intrauterine Administration of Human Chorionic Gonadotropin (hCG) Before Embryo Transfer During Assisted Reproductive Cycles: a Meta-Analysis of Randomized Controlled Trials. <i>Geburtshilfe Und Frauenheilkunde</i> , 2019 , 79, 713-722	2	
29	Association between TSH Level and Pregnancy Outcomes in Euthyroid Women Undergoing IVF/ICSI: A Retrospective Study and Meta-analysis. <i>Current Medical Science</i> , 2019 , 39, 631-637	2.8	8
28	Artificial intelligence in reproductive medicine. <i>Reproduction</i> , 2019 , 158, R139-R154	3.8	34
27	Decision analysis about the cost-effectiveness of different in vitro fertilization-embryo transfer protocol under considering governments, hospitals, and patient. <i>Medicine (United States)</i> , 2019 , 98, e15492	1.8	6
26	Prediction of in vitro fertilization outcome at different antral follicle count thresholds combined with female age, female cause of infertility, and ovarian response in a prospective cohort of 8269 women. <i>Medicine (United States)</i> , 2019 , 98, e17470	1.8	7

25	GnRH antagonist versus follicular-phase single-dose GnRH agonist protocol in patients of normal ovarian responses during controlled ovarian stimulation. <i>Gynecological Endocrinology</i> , 2019 , 35, 309-313 ^{2,4}	11
24	Oncofertility: What can we do from bench to bedside?. <i>Cancer Letters</i> , 2019 , 442, 148-160	9.9 6
23	MiRNA-99a can regulate proliferation and apoptosis of human granulosa cells via targeting IGF-1R in polycystic ovary syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 211-221	3.4 25
22	Is differences in embryo morphokinetic development significantly associated with human embryo sex? <i>Biological of Reproduction</i> , 2019 , 100, 618-623	3.9 11
21	Oxidative stress in granulosa cells contributes to poor oocyte quality and IVF-ET outcomes in women with polycystic ovary syndrome. <i>Frontiers of Medicine</i> , 2018 , 12, 518-524	12 49
20	The effect of premature luteinizing hormone increases among high ovarian responders undergoing a gonadotropin-releasing hormone antagonist ovarian stimulation protocol. <i>International Journal of Gynecology and Obstetrics</i> , 2018 , 142, 97-103	4 4
19	Role of ICSI in Non-male Factor Cycles as the Number of Oocytes Retrieved Decreases from Four to One. <i>Current Medical Science</i> , 2018 , 38, 131-136	2.8 5
18	Degradation of DAXX by adenovirus type 12 E1B-55K circumvents chemoresistance of ovarian cancer to cisplatin. <i>Virology</i> , 2018 , 521, 118-128	3.6 2
17	Cumulative live birth rates in more than 3,000 patients with poor ovarian response: a 15-year survey of final in vitro fertilization outcome. <i>Fertility and Sterility</i> , 2018 , 109, 1051-1059	4.8 28
16	A Possible Role for Long Interspersed Nuclear Elements-1 (LINE-1) in Huntington's Disease Progression. <i>Medical Science Monitor</i> , 2018 , 24, 3644-3652	3.2 6
15	Order policy for emergency medicine with return uncertainty in a closed-loop supply chain. <i>PLoS ONE</i> , 2018 , 13, e0205643	3.7 0
14	Seminal plasma cell-free mitochondrial DNA copy number is associated with human semen quality. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018 , 231, 164-168	2.4 8
13	Free radical scavenging window of infertile patients with polycystic ovary syndrome: correlation with embryo quality. <i>Frontiers of Medicine</i> , 2017 , 11, 247-252	12 3
12	Medical resource inventory model for emergency preparation with uncertain demand and stochastic occurrence time under considering different risk preferences at the airport. <i>PLoS ONE</i> , 2017 , 12, e0183472	3.7 2
11	Association between ambient particulate matter exposure and semen quality in Wuhan, China. <i>Environment International</i> , 2017 , 98, 219-228	12.9 54
10	Hepatitis B surface antigen in oocytes and embryos may not result in vertical transmission to offspring of hepatitis B virus carriers. <i>Fertility and Sterility</i> , 2016 , 105, 1010-3	4.8 11
9	Elevated Progesterone Levels on the Day of Oocyte Maturation May Affect Top Quality Embryo IVF Cycles. <i>PLoS ONE</i> , 2016 , 11, e0145895	3.7 77
8	Is frozen embryo transfer cycle associated with a significantly lower incidence of ectopic pregnancy? An analysis of more than 30,000 cycles. <i>Fertility and Sterility</i> , 2014 , 102, 1345-9	4.8 81

7	Effect of dehydroepiandrosterone administration in patients with poor ovarian response according to the Bologna criteria. <i>PLoS ONE</i> , 2014 , 9, e99858	3.7	30
6	Antioxidant capacity of follicular fluid from patients undergoing in vitro fertilization. <i>International Journal of Clinical and Experimental Pathology</i> , 2014 , 7, 2273-82	1.4	9
5	Blastocyst culture and cryopreservation to optimize clinical outcomes of warming cycles. <i>Reproductive BioMedicine Online</i> , 2013 , 27, 154-60	4	31
4	Serum progesterone level effects on the outcome of in vitro fertilization in patients with different ovarian response: an analysis of more than 10,000 cycles. <i>Fertility and Sterility</i> , 2012 , 97, 1321-7.e1-4	4.8	180
3	Selection and vitrification of embryos with a poor morphological score: a proposal to avoid embryo wastage. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2012 , 32, 405-409		7
2	Expression of cystic fibrosis transmembrane conductance regulator in rat ovary. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008 , 28, 584-7		2
1	Female fertility under the impact of COVID-19 pandemic: a narrative review. <i>Expert Reviews in Molecular Medicine</i> , 1-21	6.7	0