

# Kuo-Chung Lan

## List of Publications by Year in descending order

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54  
papers

719  
citations

623734

14  
h-index

610901

24  
g-index

60  
all docs

60  
docs citations

60  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	The predictive value of using a combined Z-score and day 3 embryo morphology score in the assessment of embryo survival on day 5. <i>Human Reproduction</i> , 2003, 18, 1299-1306.	0.9	79
2	Clinical outcomes and development of children born after intracytoplasmic sperm injection (ICSI) using extracted testicular sperm or ejaculated extreme severe oligo-astheno-teratozoospermia sperm: a comparative study. <i>Fertility and Sterility</i> , 2011, 96, 567-571.	1.0	59
3	Significantly superior response in the right ovary compared with the left ovary after stimulation with follicle-stimulating hormone in a pituitary down-regulation regimen. <i>Fertility and Sterility</i> , 2010, 93, 2269-2273.	1.0	40
4	Limited relationships between reactive oxygen species levels in culture media and zygote and embryo development. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 325-334.	2.5	35
5	Comparison of in vitro fertilization versus intracytoplasmic sperm injection in extremely low oocyte retrieval cycles. <i>Fertility and Sterility</i> , 2010, 93, 96-100.	1.0	33
6	Ectopic pregnancy following in vitro fertilization with embryo transfer: A single-center experience during 15 years. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 541-545.	1.3	30
7	Up-Regulation of SOX9 in Sertoli Cells from Testiculopathic Patients Accounts for Increasing Anti-Mullerian Hormone Expression via Impaired Androgen Receptor Signaling. <i>PLoS ONE</i> , 2013, 8, e76303.	2.5	27
8	Progesterone elevation on the day of human chorionic gonadotropin administration is not the only factor determining outcomes of in vitro fertilization. <i>Fertility and Sterility</i> , 2015, 103, 106-111.	1.0	26
9	Levels of sex steroid hormones and their receptors in women with preeclampsia. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 12.	3.3	26
10	Comparison of the offspring sex ratio between fresh and vitrification-thawed blastocyst transfer. <i>Fertility and Sterility</i> , 2009, 92, 1764-1766.	1.0	22
11	Chromosome distribution of early miscarriages with present or absent embryos: female predominance. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1059-1064.	2.5	22
12	Effect of curcumin on in vitro early post-implantation stages of mouse embryo development. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 166, 47-51.	1.1	20
13	Increased Progesterone/Estradiol Ratio on the Day of hCG Administration Adversely Affects Success of In Vitro Fertilization—Embryo Transfer in Patients Stimulated with Gonadotropin-releasing Hormone Agonist and Recombinant Follicle-stimulating Hormone. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2008, 47, 168-174.	1.3	19
14	Zona-free versus laser zona-assisted hatching blastocyst transfer: a comparison of outcomes. <i>Fertility and Sterility</i> , 2009, 91, 1959-1962.	1.0	15
15	Comparison of the Efficacy of Two Vaginal Progesterone Formulations, Crinone 8% Gel and Utrogestan Capsules, Used for Luteal Support in Blastocyst Stage Embryo Transfers. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2009, 48, 375-379.	1.3	15
16	The impact of previous ovarian surgery on ovarian reserve in patients with endometriosis. <i>BMC Women's Health</i> , 2015, 15, 74.	2.0	15
17	Growth hormone supplementation may improve the pregnancy rate and endometrial receptivity among women aged more than 40 years undergoing in vitro fertilization. <i>Biomedical Journal</i> , 2019, 42, 411-416.	3.1	15
18	Identifying the potential protein biomarkers of preterm birth in amniotic fluid. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 366-371.	1.3	15

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19	Expression of androgen receptor co-regulators in the testes of men with azoospermia. <i>Fertility and Sterility</i> , 2008, 89, 1397-1405.	1.0	14
20	Preliminary report on the use of a levonorgestrel intrauterine system for the treatment of intermenstrual bleeding due to previous cesarean delivery scar defect. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 2015-2020.	1.3	13
21	Risk of major adverse cardiovascular and cerebrovascular events in Taiwanese women with endometriosis. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 327-336.	1.7	13
22	Association between Enzyme-Linked Immunosorbent Assay-Measured Kidney Injury Markers and Urinary Cadmium Levels in Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 156.	2.4	13
23	Clinical outcomes and development of children born to couples with obstructive and nonobstructive azoospermia undergoing testicular sperm extraction-intracytoplasmic sperm injection: A comparative study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 155-159.	1.3	12
24	Impact of duration of cryopreservation of spermatozoa obtained through testicular sperm extraction on intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2004, 81, 1405-1407.	1.0	11
25	Reproducibility and clinical significance of pre-ovulatory serum progesterone level and progesterone/estradiol ratio on the day of human chorionic gonadotropin administration in infertile women undergoing repeated in vitro fertilization cycles. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 41.	3.3	10
26	Cytomegalovirus infection and fetal death in one monozygotic twin. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2011, 50, 230-232.	1.3	9
27	Live-interactive teledermatology program in Taiwan: One-year experience serving a district hospital in rural Taitung County. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 422-428.	1.7	9
28	High levels estradiol affect blastocyst implantation and post-implantation development directly in mice. <i>Biomedical Journal</i> , 2022, 45, 179-189.	3.1	9
29	Developmental potential of surplus morulas with delayed and/or incomplete compaction after freezing-thawing procedures. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 87.	3.3	8
30	Association between paternal age and risk of schizophrenia: a nationwide population-based study. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 85-93.	2.5	8
31	Age is a major prognosticator in extremely low oocyte retrieval cycles. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 175-180.	1.3	7
32	Transfer of nonselected transferable day 3 embryos in low embryo producers. <i>Fertility and Sterility</i> , 2003, 80, 1364-1370.	1.0	6
33	Extracorporeal Shock Wave Therapy Combined with Platelet-Rich Plasma during Preventive and Therapeutic Stages of Intrauterine Adhesion in a Rat Model. <i>Biomedicine</i> , 2022, 10, 476.	3.2	6
34	HSPA4 Is a Biomarker of Placenta Accreta and Enhances the Angiogenesis Ability of Vessel Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5682.	4.1	6
35	Use of an Ellik evacuator to remove tenacious bladder clots resulting from transvaginal oocyte retrieval: 2 cases and a literature review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 880-884.	1.3	5
36	Eligibility for live, interactive otolaryngology telemedicine: 19-Month experience before and during the COVID-19 pandemic in Taiwan. <i>Biomedical Journal</i> , 2021, 44, 582-588.	3.1	5

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37	Reassessing the feasibility of the zygote score for predicting embryo viability in IVF/ICSI using the GnRH antagonist protocol compared to the long protocol. <i>PLoS ONE</i> , 2017, 12, e0171465.	2.5	4
38	Higher gestational weight gain and lower serum estradiol levels are associated with increased risk of preeclampsia after in vitro fertilization. <i>Pregnancy Hypertension</i> , 2020, 22, 126-131.	1.4	4
39	Evaluation of the effect of the elective blastocyst-stage embryo transfer and freezing strategy on the abandonment of frozen embryos under the Taiwan National Assisted Reproduction Act. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 973-982.	2.5	4
40	Monopronucleated (<sc>1PN</sc>) and tripronuclear (<sc>3PN</sc>) zygotes formation during assisted reproduction in <sc>POSEIDON</sc> group 4 patients: Emphasizing on polar bodies. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 3232-3240.	1.3	4
41	Y-chromosome genes associated with sertoli cell-only syndrome identified by array comparative genome hybridization. <i>Biomedical Journal</i> , 2023, 46, 100524.	3.1	4
42	Right neck venous thrombosis following ovarian hyperstimulation syndrome in a patient with protein S deficiency: A case report and review of literature. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021, 60, 148-151.	1.3	3
43	Highly Expressed Progesterone Receptor B Isoform Increases Platinum Sensitivity and Survival of Ovarian High-Grade Serous Carcinoma. <i>Cancers</i> , 2021, 13, 5578.	3.7	3
44	Targeted activation of androgen receptor signaling in the periosteum improves bone fracture repair. <i>Cell Death and Disease</i> , 2022, 13, 123.	6.3	3
45	Validation of Non-Invasive Preimplantation Genetic Screening Using a Routine IVF Laboratory Workflow. <i>Biomedicines</i> , 2022, 10, 1386.	3.2	3
46	Gonadotrophin-releasing hormone agonist triggering may improve central oocyte granularity and embryo quality. <i>Zygote</i> , 2020, 28, 337-343.	1.1	2
47	Disposition of embryos from women who only produced morphologically poor embryos on day three. <i>Biomedical Journal</i> , 2021, , .	3.1	2
48	Factors associated with extremely high progesterone concentrations on the day of HCG administration. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2020, 49, 101720.	1.3	1
49	Whether to transfer mosaic embryos: a cytogenetic view of true mosaicism by amniocentesis. <i>Reproductive BioMedicine Online</i> , 2021, 43, 33-43.	2.4	1
50	Hysteroscopic cervical features associated with difficult embryo transfer in unselected patients undergoing in vitro fertilization. <i>Biomedical Journal</i> , 2021, , .	3.1	1
51	Mifepristone Directly Disrupts Mouse Embryonic Development in Terms of Cellular Proliferation and Maturation In Vitro. <i>Toxics</i> , 2021, 9, 294.	3.7	1
52	Seroprevalence and risk factors for cytomegalovirus infection among pregnant women in southern Taiwan, 2014-2015. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2022, 61, 323-328.	1.3	1
53	A Desperate Need for Psoriasis Health Care in Remote Regions as Revealed by a Live Interactive Tele dermatology Program Serving Penghu Islands in Taiwan Strait. <i>Telemedicine Journal and E-Health</i> , 2021, , .	2.8	1
54	Lethal acute aortic dissection complicated with ischemic bowels in the third trimester of pregnancy: A case report. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 740-743.	1.3	0