

# Keiichi Kato

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,228  
citations

394421

19  
h-index

414414

32  
g-index

50  
all docs

50  
docs citations

50  
times ranked

909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal ovarian stimulation combined with elective single embryo transfer policy: age-specific results of a large, single-centre, Japanese cohort. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 35.	3.3	107
2	Neonatal outcome and birth defects in 6623 singletons born following minimal ovarian stimulation and vitrified versus fresh single embryo transfer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2012, 161, 46-50.	1.1	94
3	Preimplantation genetic testing for aneuploidy: a comparison of live birth rates in patients with recurrent pregnancy loss due to embryonic aneuploidy or recurrent implantation failure. <i>Human Reproduction</i> , 2019, 34, 2340-2348.	0.9	90
4	Blastocyst culture is associated with an elevated incidence of monozygotic twinning after single embryo transfer. <i>Fertility and Sterility</i> , 2011, 95, 2140-2142.	1.0	74
5	Intrinsic fertility of human oocytes. <i>Fertility and Sterility</i> , 2017, 107, 1232-1237.	1.0	56
6	Short-term, low-dose, non-steroidal anti-inflammatory drug application diminishes premature ovulation in natural-cycle IVF. <i>Reproductive BioMedicine Online</i> , 2012, 24, 308-313.	2.4	48
7	Hydroxypropyl cellulose as an option for supplementation of cryoprotectant solutions for embryo vitrification in human assisted reproductive technologies. <i>Reproductive BioMedicine Online</i> , 2015, 30, 613-621.	2.4	48
8	Women's age and embryo developmental speed accurately predict clinical pregnancy after single vitrified-warmed blastocyst transfer. <i>Reproductive BioMedicine Online</i> , 2014, 29, 411-416.	2.4	47
9	Ovarian stimulation using human chorionic gonadotrophin impairs blastocyst implantation and decidualization by altering ovarian hormone levels and downstream signaling in mice. <i>Molecular Human Reproduction</i> , 2014, 20, 1101-1116.	2.8	41
10	Developmental Competence of Vitrified-Warmed Bovine Oocytes at the Germinal-Vesicle Stage is Improved by Cyclic Adenosine Monophosphate Modulators during In Vitro Maturation. <i>PLoS ONE</i> , 2015, 10, e0126801.	2.5	37
11	Comparison of pregnancy outcomes following fresh and electively frozen single blastocyst transfer in natural cycle and clomiphene-stimulated IVF cycles. <i>Human Reproduction Open</i> , 2018, 2018, hoy006.	5.4	35
12	Pregnancy prediction performance of an annotation-free embryo scoring system on the basis of deep learning after single vitrified-warmed blastocyst transfer: a single-center large cohort retrospective study. <i>Fertility and Sterility</i> , 2021, 116, 1172-1180.	1.0	34
13	Perturbations of morphogenesis at the compaction stage affect blastocyst implantation and live birth rates. <i>Human Reproduction</i> , 2021, 36, 918-928.	0.9	32
14	Cryostorage duration does not affect pregnancy and neonatal outcomes: a retrospective single-centre cohort study of vitrified-warmed blastocysts. <i>Reproductive BioMedicine Online</i> , 2018, 36, 614-619.	2.4	30
15	Long-term adverse effects of cyclophosphamide on follicular growth and angiogenesis in mouse ovaries. <i>Reproductive Biology</i> , 2014, 14, 238-242.	1.9	29
16	Cytogenetic analysis of the retained products of conception after missed abortion following blastocyst transfer: a retrospective, large-scale, single-centre study. <i>Reproductive BioMedicine Online</i> , 2017, 34, 203-210.	2.4	29
17	Prolonged blastomere movement induced by the delay of pronuclear fading and first cell division adversely affects pregnancy outcomes after fresh embryo transfer on Day 2: a time-lapse study. <i>Reproductive BioMedicine Online</i> , 2019, 38, 659-668.	2.4	29
18	Trophectoderm biopsy for preimplantation genetic test and technical tips: A review. <i>Reproductive Medicine and Biology</i> , 2020, 19, 222-231.	2.4	24

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19	Cytoplasmic halo characteristics during fertilization and their implications for human preimplantation embryo development and pregnancy outcome. <i>Reproductive BioMedicine Online</i> , 2020, 41, 191-202.	2.4	23
20	Comparing prediction of ongoing pregnancy and live birth outcomes in patients with advanced and younger maternal age patients using KIDScore <sup>®</sup> , day 5: a large-cohort retrospective study with single vitrified-warmed blastocyst transfer. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 98.	3.3	22
21	Does the endometrial thickness on the day of the trigger affect the pregnancy outcomes after fresh cleaved embryo transfer in the clomiphene citrate-based minimal stimulation cycle?. <i>Reproductive Medicine and Biology</i> , 2020, 19, 151-157.	2.4	21
22	Maternal age and initial $\beta$ -hCG levels predict pregnancy outcome after single vitrified-warmed blastocyst transfer. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1175-1181.	2.5	18
23	Complete zona pellucida removal from vitrified-warmed human blastocysts facilitates earlier in-vitro attachment and outgrowth. <i>Reproductive BioMedicine Online</i> , 2016, 33, 140-148.	2.4	17
24	Blastomere movement post first cell division correlates with embryonic compaction and subsequent blastocyst formation. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 44.	3.3	17
25	Endometrial thickness on the day of the LH surge: an effective predictor of pregnancy outcomes after modified natural cycle-frozen blastocyst transfer. <i>Human Reproduction Open</i> , 2020, 2020, hoaa060.	5.4	17
26	Reproductive outcomes following preimplantation genetic diagnosis using fluorescence in situ hybridization for 52 translocation carrier couples with a history of recurrent pregnancy loss. <i>Journal of Human Genetics</i> , 2016, 61, 687-692.	2.3	15
27	Success rates in minimal stimulation cycle IVF with clomiphene citrate only. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 297-304.	2.5	15
28	Prolactin receptor expression and its role in trophoblast outgrowth in human embryos. <i>Reproductive BioMedicine Online</i> , 2021, 42, 699-707.	2.4	15
29	Developmental potential of zona pellucida-free oocytes obtained following mild in vitro fertilization. <i>Fertility and Sterility</i> , 2014, 102, 1602-1607.	1.0	14
30	Establishment of day 7 blastocyst freezing criteria using blastocyst diameter for single vitrified-warmed blastocyst transfer from live birth outcomes: a single-center, large cohort, retrospectively matched study. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2327-2335.	2.5	14
31	Vitrification of embryos and oocytes for fertility preservation in cancer patients. <i>Reproductive Medicine and Biology</i> , 2016, 15, 227-233.	2.4	13
32	Infertility treatment strategy involving combined freeze-all embryos and single vitrified-warmed embryo transfer during hormonal replacement cycle for <i>in vitro</i> fertilization of women with hypogonadotropic hypogonadism. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 922-928.	1.3	12
33	Effects of gonadotropin administration on clinical outcomes in clomiphene citrate-based minimal stimulation cycle IVF. <i>Reproductive Medicine and Biology</i> , 2020, 19, 128-134.	2.4	12
34	Spatiotemporal perturbations of pronuclear breakdown preceding syngamy affect early human embryo development: a retrospective observational study. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 75-84.	2.5	12
35	Relations between the timing of transfer, expansion size and implantation rates in frozen thawed single blastocyst transfer. <i>Fertility and Sterility</i> , 2009, 92, S246.	1.0	11
36	Administering human chorionic gonadotropin injections for triggering follicle maturation could impact fertility during the subsequent menstrual cycle. <i>International Journal of Gynecology and Obstetrics</i> , 2016, 132, 309-313.	2.3	11

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37	Lack of a meaningful association between dietary patterns and in vitro fertilization outcome among Japanese women. <i>Reproductive Medicine and Biology</i> , 2018, 17, 466-473.	2.4	10
38	Evaluation of uterine receptivity after gonadotropin releasing hormone agonist administration as an oocyte maturation trigger: a rodent model. <i>Scientific Reports</i> , 2019, 9, 12519.	3.3	9
39	Effects of fatty acid supplementation during vitrification and warming on the developmental competence of mouse, bovine and human oocytes and embryos. <i>Reproductive BioMedicine Online</i> , 2021, 43, 14-25.	2.4	9
40	Anti-Müllerian hormone is correlated with cumulative live birth in minimal ovarian stimulation with clomiphene citrate: a retrospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 740.	2.4	8
41	Characteristics of the cytoplasmic halo during fertilisation correlate with the live birth rate after fresh cleaved embryo transfer on day 2 in minimal ovarian stimulation cycles: a retrospective observational study. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 172.	3.3	8
42	A multi-centre, retrospective case series of oocyte cryopreservation in unmarried women diagnosed with haematological malignancies. <i>Human Reproduction Open</i> , 2021, 2021, hoaa064.	5.4	7
43	Maternal and obstetric outcomes are influenced by developmental stage and cryopreservation of transferred embryos after clomiphene citrate-based minimal stimulation IVF. <i>Human Reproduction Open</i> , 2022, 2022, hoac018.	5.4	5
44	Closed embryo culture system improved embryological and clinical outcome for single vitrified-warmed blastocyst transfer: A single-center large cohort study. <i>Reproductive Biology</i> , 2019, 19, 139-144.	1.9	3
45	Comparison of Embryo and Clinical Outcomes in Different Types of Incubator Between Two Different Embryo Culture Systems. <i>Reproductive Sciences</i> , 2021, 28, 2301-2309.	2.5	2
46	Perinatal outcomes and congenital anomalies associated with letrozole and natural cycles in single fresh cleaved embryo transfers: A single-center, 10-year cohort study. <i>F&amp;S Reports</i> , 2022, , .	0.7	2
47	Establishment of day 7 blastocyst criteria for frozen-thawed single blastocyst transfer (c-SBT). <i>Fertility and Sterility</i> , 2013, 100, S175-S176.	1.0	1
48	Time from trophectoderm biopsy to vitrification affects the developmental competence of biopsied blastocysts. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12439.	2.4	1
49	Analysis of clinical factors and reasons that influence the disposition of cryopreserved embryos in Japanese patients with infertility treated in our clinic. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1425-1432.	1.3	0
50	Minimal Stimulation for IVF with Clomiphene Citrate. , 2017, , 227-235.		0