

# Yoshiharu Morimoto

## List of Publications by Citations

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62

papers

1,713

citations

17

h-index

41

g-index

66

ext. papers

2,098

ext. citations

3.8

avg, IF

4.21

L-index

#	Paper	IF	Citations
62	Hippo signaling disruption and Akt stimulation of ovarian follicles for infertility treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17474-9	11.5	490
61	Successful fertility preservation following ovarian tissue vitrification in patients with primary ovarian insufficiency. <i>Human Reproduction</i> , <b>2015</b> , 30, 608-15	5.7	276
60	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , <b>2019</b> , 37, 296-312	6.8	151
59	Selection of high-potential embryos by culture in poly(dimethylsiloxane) microwells and time-lapse imaging. <i>Fertility and Sterility</i> , <b>2012</b> , 97, 332-7	4.8	101
58	Quantitative and qualitative changes of mitochondria in human preimplantation embryos. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2017</b> , 34, 573-580	3.4	51
57	Assessment of long-term function of heterotopic transplants of vitrified ovarian tissue in cynomolgus monkeys. <i>Human Reproduction</i> , <b>2012</b> , 27, 2420-9	5.7	48
56	Developmental assessment of human vitrified-warmed blastocysts based on oxygen consumption. <i>Human Reproduction</i> , <b>2011</b> , 26, 3366-71	5.7	42
55	Effects of vitrification solutions and equilibration times on the morphology of cynomolgus ovarian tissues. <i>Reproductive BioMedicine Online</i> , <b>2010</b> , 21, 501-9	4	39
54	Full-length 16S rRNA gene amplicon analysis of human gut microbiota using MinION nanopore sequencing confers species-level resolution. <i>BMC Microbiology</i> , <b>2021</b> , 21, 35	4.5	38
53	Freeze-thaw programmes rescue the implantation of day 6 blastocysts. <i>Reproductive BioMedicine Online</i> , <b>2005</b> , 11, 428-33	4	35
52	Growth retardation in human blastocysts increases the incidence of abnormal spindles and decreases implantation potential after vitrification. <i>Human Reproduction</i> , <b>2013</b> , 28, 1528-35	5.7	34
51	Oral melatonin supplementation improves oocyte and embryo quality in women undergoing in vitro fertilization-embryo transfer. <i>Gynecological Endocrinology</i> , <b>2014</b> , 30, 359-62	2.4	31
50	Effect of aspiration vacuum on the developmental competence of immature human oocytes retrieved using a 20-gauge needle. <i>Reproductive BioMedicine Online</i> , <b>2007</b> , 14, 444-9	4	24
49	A closed system supports the developmental competence of human embryos after vitrification : Closed vitrification of human embryos. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2013</b> , 30, 371-6	3.4	22
48	Growing porcine oocyte-granulosa cell complexes acquired meiotic competence during in vitro culture. <i>Journal of Reproduction and Development</i> , <b>2007</b> , 53, 379-84	2.1	22
47	Multinucleation per se is not always sufficient as a marker of abnormality to decide against transferring human embryos. <i>Fertility and Sterility</i> , <b>2016</b> , 106, 133-139.e6	4.8	21
46	Cryopreservation of a small number of human sperm using enzymatically fabricated, hollow hyaluronan microcapsules handled by conventional ICSI procedures. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 501-11	3.4	19

45	Mitochondrial dysfunction of in vitro grown rabbit oocytes results in preimplantation embryo arrest after activation. <i>Journal of Reproduction and Development</i> , <b>2007</b> , 53, 631-7	2.1	17
44	Induction of epithelial cell apoptosis in the uterus by a mouse uterine ischemia-reperfusion model: possible involvement of tumor necrosis factor-alpha. <i>Biology of Reproduction</i> , <b>2005</b> , 72, 1282-8	3.9	17
43	Dynamic changes in mitochondrial distribution in human oocytes during meiotic maturation. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2016</b> , 33, 929-38	3.4	17
42	Effect of different sites for cryopreserved ovarian tissue implantation in rabbit. <i>Human Reproduction</i> , <b>2007</b> , 22, 662-8	5.7	16
41	Expression and subcellular localization of GSE protein in germ cells and preimplantation embryos. <i>Journal of Reproduction and Development</i> , <b>2006</b> , 52, 429-38	2.1	16
40	Evaluation of antioxidant status and oxidative stress markers in follicular fluid for human in vitro fertilization outcome. <i>Reproductive Medicine and Biology</i> , <b>2018</b> , 17, 481-486	4.1	16
39	Combination of density gradient centrifugation and swim-up methods effectively decreases morphologically abnormal sperms. <i>Journal of Reproduction and Development</i> , <b>2016</b> , 62, 599-606	2.1	15
38	Successful monozygotic twin delivery following in vitro maturation of oocytes retrieved from a woman with polycystic ovary syndrome: case report. <i>Human Reproduction</i> , <b>2006</b> , 21, 1777-80	5.7	12
37	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. <i>World Journal of Men's Health</i> , <b>2021</b> , 39, 470-488	6.8	11
36	Cryopreservation in ART and concerns with contamination during cryobanking. <i>Reproductive Medicine and Biology</i> , <b>2014</b> , 13, 107-117	4.1	10
35	Medium without ammonium accumulation supports the developmental competence of human embryos. <i>Journal of Reproduction and Development</i> , <b>2008</b> , 54, 370-4	2.1	10
34	Neonatal outcomes after the implantation of human embryos vitrified using a closed-system device. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2015</b> , 32, 521-6	3.4	9
33	Oral administration of l-carnitine improves the clinical outcome of fertility in patients with IVF treatment. <i>Gynecological Endocrinology</i> , <b>2018</b> , 34, 684-688	2.4	8
32	Proteomic analysis of the mouse ovary in response to two gonadotropins, follicle-stimulating hormone and luteinizing hormone. <i>Journal of Reproduction and Development</i> , <b>2009</b> , 55, 316-26	2.1	8
31	Characterizing the gut microbiota in females with infertility and preliminary results of a water-soluble dietary fiber intervention study. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2020</b> , 67, 105-111	3.1	8
30	Oocyte retrieval after heterotopic transplantation of ovarian tissue cryopreserved by closed vitrification protocol. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2018</b> , 35, 2037-2048	3.4	8
29	Mitochondrial function in immature bovine oocytes is improved by an increase of cellular cyclic AMP. <i>Scientific Reports</i> , <b>2019</b> , 9, 5167	4.9	7
28	The timing of cumulus cell removal for intracytoplasmic sperm injection influences the capability of embryonic development. <i>Reproductive Medicine and Biology</i> , <b>2019</b> , 18, 111-117	4.1	7

27	Marked improvement of fertility of cryopreserved C57BL/6J mouse sperm by depletion of Ca <sup>2+</sup> in medium. <i>Journal of Reproduction and Development</i> , <b>2009</b> , 55, 386-92	2.1	7
26	Mitochondrial oxygen consumption rate of human embryos declines with maternal age. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 1815-1821	3.4	7
25	Heterotopic autotransplantation of ovarian cortex in cynomolgus monkeys. <i>Human Cell</i> , <b>2010</b> , 23, 26-34	4.5	6
24	Good thermally conducting material supports follicle morphologies of porcine ovaries cryopreserved with ultrarapid vitrification. <i>Journal of Reproduction and Development</i> , <b>2013</b> , 59, 496-9	2.1	4
23	Cryopreservation of female germ cells and ovarian tissues for fertility preservation. <i>Reproductive Medicine and Biology</i> , <b>2011</b> , 10, 161-169	4.1	4
22	Ultrastructure of the Human Oocytes During in Vitro Maturation. <i>Journal of Mammalian Ova Research</i> , <b>2009</b> , 26, 10-17		4
21	Full-length 16S rRNA gene amplicon analysis of human gut microbiota using MinION nanopore sequencing confers species-level resolution		4
20	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices.. <i>World Journal of Men's Health</i> , <b>2022</b> ,	6.8	3
19	Optimum culture duration for growing oocytes to attain meiotic and fertilization competence. <i>Journal of Reproduction and Development</i> , <b>2017</b> , 63, 591-595	2.1	2
18	Examination of Effective Culture Methods for Rabbit Preantral Follicles. <i>Journal of Mammalian Ova Research</i> , <b>2009</b> , 26, 221-226		2
17	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. <i>World Journal of Men's Health</i> , <b>2021</b> ,	6.8	2
16	Treatment with Laevo (L)-carnitine reverses the mitochondrial function of human embryos. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 71-78	3.4	2
15	MinION, a portable long-read sequencer, enables rapid vaginal microbiota analysis in a clinical setting.. <i>BMC Medical Genomics</i> , <b>2022</b> , 15, 68	3.7	2
14	Extraordinary clinical success of a single-embryo transfer policy. What comes next?. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 302-3	4.8	1
13	Cysteamine supplementation during in vitro maturation (IVM) of rabbit oocyte improves the developmental capacity after intracytoplasmic sperm injection. <i>Reproductive Medicine and Biology</i> , <b>2013</b> , 12, 179-185	4.1	1
12	Blastocyst Selection after Thawing Based on Its Oxygen Consumption. <i>Journal of Mammalian Ova Research</i> , <b>2012</b> , 29, 175-179		1
11	Mitochondria of the Oocyte <b>2017</b> , 75-91		1
10	Mural granulosa cells support to maintain the viability of growing porcine oocytes and its developmental competence after insemination. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 2591-2599	3.4	1

- 9 MinION—a portable long-read sequencer, enables rapid vaginal microbiota analysis in a clinical setting 1
- 8 A novel embryo quality scoring system to compare groups of embryos at different developmental stages. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 1123-1132 3-4 1
- 7 Cabergoline administration prevents development of moderate to severe ovarian hyperstimulation syndrome and it contributes to reduction in ovarian volume. *Reproductive Medicine and Biology*, **2015**, 14, 79-84 4-1
- 6 Cryopreservation of blastocysts95-105
- 5 In Vitro Maturation of Human Immature Oocytes in Culture Medium Supplemented with Patient's Own Serum or Donor Follicular Fluid. *Journal of Mammalian Ova Research*, **2008**, 25, 163-166
- 4 Effect of X-ray exposure during hysterosalpingography on capabilities of female germ cells. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 3233 3-4
- 3 Ovarian Tissue Cryopreservation: Ovarian Cortical Tissue Vitrification **2016**, 79-94
- 2 Use of in vitro maturation in a clinical setting: Patient populations and outcomes **2012**, 151-162
- 1 Reproductive medical providers' behaviors, considerations, and plans for fertility treatments during the COVID-19 pandemic in Japan: A nationwide web-based survey. *Reproductive Medicine and Biology*, **2021**, 20, 123-132 4-1