

# Toshifumi Takahashi

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,726  
citations

304743

22  
h-index

289244

40  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of oxidative stress in aged mouse oocytes on calcium oscillations at fertilization. <i>Molecular Reproduction and Development</i> , 2003, 66, 143-152.	2.0	150
2	Induction of hTERT expression and phosphorylation by estrogen via Akt cascade in human ovarian cancer cell lines. <i>Oncogene</i> , 2004, 23, 4505-4515.	5.9	123
3	Cyclooxygenase-2-derived Prostaglandin E2 Directs Oocyte Maturation by Differentially Influencing Multiple Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2006, 281, 37117-37129.	3.4	117
4	Poor Embryo Development in Mouse Oocytes Aged In Vitro Is Associated with Impaired Calcium Homeostasis1. <i>Biology of Reproduction</i> , 2009, 80, 493-502.	2.7	99
5	miR-92a Inhibits Peritoneal Dissemination of Ovarian Cancer Cells by Inhibiting Integrin $\beta 5$ Expression. <i>American Journal of Pathology</i> , 2013, 182, 1876-1889.	3.8	98
6	Fasudil inhibits vascular endothelial growth factor $\alpha$ -induced angiogenesis <i>in vitro</i> and <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1517-1525.	4.1	80
7	Oocyte aging underlies female reproductive aging: biological mechanisms and therapeutic strategies. <i>Reproductive Medicine and Biology</i> , 2015, 14, 159-169.	2.4	72
8	Aged Mouse Oocytes Fail to Readjust Intracellular Adenosine Triphosphates at Fertilization1. <i>Biology of Reproduction</i> , 2005, 72, 1256-1261.	2.7	63
9	Molecular mechanism of poor embryo development in postovulatory aged oocytes: Mini review. <i>Journal of Obstetrics and Gynaecology Research</i> , 2013, 39, 1431-1439.	1.3	63
10	Raloxifene Inhibits Estrogen-induced Up-regulation of Telomerase Activity in a Human Breast Cancer Cell Line. <i>Journal of Biological Chemistry</i> , 2003, 278, 43363-43372.	3.4	56
11	Both estrogen and raloxifene protect against $\beta$ -amyloid-induced neurotoxicity in estrogen receptor $\beta$ -transfected PC12 cells by activation of telomerase activity via Akt cascade. <i>Journal of Endocrinology</i> , 2004, 183, 605-615.	2.6	54
12	Effects of aging on inositol 1,4,5-triphosphate-induced $Ca^{2+}$ release in unfertilized mouse oocytes. <i>Molecular Reproduction and Development</i> , 2000, 55, 299-306.	2.0	51
13	Inhibition of the Rho/ROCK pathway enhances the efficacy of cisplatin through the blockage of hypoxia-inducible factor-1 $\alpha$ in human ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2012, 13, 25-33.	3.4	50
14	Fasudil-induced hypoxia-inducible factor-1 $\alpha$ degradation disrupts a hypoxia-driven vascular endothelial growth factor autocrine mechanism in endothelial cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1551-1561.	4.1	43
15	Application of Vitrification to Human Embryo Freezing. <i>Gynecologic and Obstetric Investigation</i> , 2000, 49, 145-149.	1.6	42
16	Development of a new clinically applicable device for embryo evaluation which measures embryo oxygen consumption. <i>Human Reproduction</i> , 2016, 31, 2321-2330.	0.9	41
17	Poor embryo development in post-ovulatory <i>in vivo</i> -aged mouse oocytes is associated with mitochondrial dysfunction, but mitochondrial transfer from somatic cells is not sufficient for rejuvenation. <i>Human Reproduction</i> , 2016, 31, 2331-2338.	0.9	36
18	The Activity of Trabectedin As a Single Agent or in Combination with Everolimus for Clear Cell Carcinoma of the Ovary. <i>Clinical Cancer Research</i> , 2011, 17, 4462-4473.	7.0	34

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19	Molecular Mechanism of the Inhibition of Estradiol-Induced Endometrial Epithelial Cell Proliferation by Clomiphene Citrate. <i>Endocrinology</i> , 2010, 151, 394-405.	2.8	33
20	Raloxifene Increases Proliferation and Up-regulates Telomerase Activity in Human Umbilical Vein Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 24270-24278.	3.4	29
21	Medroxyprogesterone acetate attenuates estrogen-induced nitric oxide production in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 193-198.	2.1	24
22	Spontaneous Perforation of Pyometra: A Report of Seven Cases and Review of the Literature. <i>Gynecologic and Obstetric Investigation</i> , 2013, 75, 243-249.	1.6	24
23	Cellular and molecular mechanisms of various types of oocyte aging. <i>Reproductive Medicine and Biology</i> , 2011, 10, 239-249.	2.4	21
24	Activation of estrogen receptor $\beta$ by estradiol and cisplatin induces platinum-resistance in ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2017, 18, 730-739.	3.4	20
25	Safe and easy technique for the laparoscopic application of Seprafilm <sup>®</sup> in gynecologic surgery. <i>Asian Journal of Endoscopic Surgery</i> , 2019, 12, 242-245.	0.9	19
26	Gefitinib (ZD1839) increases the efficacy of cisplatin in ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2012, 13, 408-416.	3.4	18
27	Effects of MTHFR C677T polymorphism on vitamin D, homocysteine and natural killer cell cytotoxicity in women with recurrent pregnancy losses. <i>Human Reproduction</i> , 2020, 35, 1276-1287.	0.9	17
28	Clomiphene citrate down-regulates estrogen receptor $\beta$ through the ubiquitin-proteasome pathway in a human endometrial cancer cell line. <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 142-147.	3.2	14
29	Metformin reduces androgen receptor and upregulates homeobox A10 expression in uterine endometrium in women with polycystic ovary syndrome. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 77.	3.3	13
30	COVID-19 and immunomodulation treatment for women with reproductive failures. <i>Journal of Reproductive Immunology</i> , 2020, 141, 103168.	1.9	12
31	Growth Factors Change Nuclear Distribution of Estrogen Receptor $\beta$ via Mitogen-Activated Protein Kinase or Phosphatidylinositol 3-Kinase Cascade in a Human Breast Cancer Cell Line. <i>Endocrinology</i> , 2005, 146, 4082-4089.	2.8	11
32	Combination Treatment With Trabectedin and Irinotecan or Topotecan Has Synergistic Effects Against Ovarian Clear Cell Carcinoma Cells. <i>International Journal of Gynecological Cancer</i> , 2014, 24, 829-837.	2.5	11
33	Analysis of 122 triplet and one quadruplet pregnancies after single embryo transfer in Japan. <i>Reproductive BioMedicine Online</i> , 2020, 40, 374-380.	2.4	11
34	Bezafibrate Restores the Inhibition of FSH-Induced Follicular Development and Steroidogenesis by Tumor Necrosis Factor-Alpha Through Peroxisome Proliferator-Activated Receptor-Gamma Pathway in an In Vitro Mouse Preantral Follicle Culture. <i>Biology of Reproduction</i> , 2011, 85, 895-906.	2.7	10
35	Pioglitazone counteracts the tumor necrosis factor $\beta$ inhibition of follicle-stimulating hormone-induced follicular development and estradiol production in an in vitro mouse preantral follicle culture system. <i>Journal of Ovarian Research</i> , 2013, 6, 69.	3.0	10
36	Effects of localisation of uterine adenomyosis on outcome of in vitro fertilisation/intracytoplasmic sperm injection fresh and frozen-thawed embryo transfer cycles: a multicentre retrospective cohort study. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 84.	3.3	10

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37	The Wilms' Tumor Gene WT1 $\hat{\sim}$ 17AA/ $\hat{\sim}$ KTS Splice Variant Increases Tumorigenic Activity Through Up-Regulation of Vascular Endothelial Growth Factor in an In Vivo Ovarian Cancer Model. <i>Translational Oncology</i> , 2014, 7, 580-589.	3.7	8
38	Combination of microwave endometrial ablation and postoperative dienogest administration is effective for treating symptomatic adenomyosis. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 1787-1792.	1.3	8
39	Successful pregnancy and term delivery after treatment of unicornuate uterus with non-communicating rudimentary horn pregnancy with local methotrexate injection followed by laparoscopic resection: a case report and literature review. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 715.	2.4	8
40	Usefulness of Bezafibrate for Ovulation Induction in Clomiphene Citrate-Resistant Polycystic Ovary Syndrome Patients with Dyslipidemia: A Prospective Pilot Study of Seven Cases. <i>Gynecologic and Obstetric Investigation</i> , 2010, 70, 166-172.	1.6	7
41	Dizygotic twin pregnancy after single embryo transfer: a case report and review of the literature. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 443-446.	2.5	7
42	Oxidative Stress in the Visceral Fat Is Elevated in Postmenopausal Women with Gynecologic Cancer. <i>Journal of Women's Health</i> , 2018, 27, 99-106.	3.3	7
43	New surgical technique of laparoscopic resection of adenomyosis under real-time intraoperative ultrasound elastography guidance: A case report. <i>Heliyon</i> , 2020, 6, e04628.	3.2	7
44	Primary endometrioid carcinoma of the uterosacral ligament arising from deep infiltrating endometriosis 6 years after bilateral salpingo-oophorectomy due to atypical proliferative endometrioid tumor of the ovary: a rare case report. <i>World Journal of Surgical Oncology</i> , 2020, 18, 329.	1.9	7
45	Spontaneous unscarred uterine rupture and surgical repair at 11 weeks of gestation in a twin pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1911-1915.	1.3	7
46	Malignant transformation arising from mature cystic teratoma of the ovary presenting as ovarian torsion: a case report and literature review. <i>Fukushima Journal of Medical Sciences</i> , 2020, 66, 44-52.	0.4	7
47	Effect of dienogest on estrogen-induced nitric oxide production in human umbilical vein endothelial cells and endothelium-dependent vasodilatation in postmenopausal women. <i>Menopause</i> , 2010, 17, 615-621.	2.0	7
48	Non-Sex Cord-Stromal Ovarian Tumors Frequently Produce and Secrete Estrogen in Postmenopausal Women: Impact on Bone Metabolism and Abnormal Endometrial Histology. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2775-2782.	3.6	6
49	Effects of Different Trehalose Concentrations in a Warming Medium on Embryo Survival and Clinical Outcomes in Vitrified Human Embryos. <i>Gynecologic and Obstetric Investigation</i> , 2013, 76, 214-220.	1.6	5
50	Pregnancy complicated with PFAPA (periodic fever, aphthous stomatitis, pharyngitis and cervical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.4	5
51	Successful laparoscopic resection of virilizing ovarian steroid cell tumor, not otherwise specified, in a 22-year-old woman: a case report and evaluation of the steroidogenic pathway. <i>Fukushima Journal of Medical Sciences</i> , 2019, 65, 133-139.	0.4	5
52	A suturing method without exposure of barbs on the wound surface using a unidirectional barbed monofilament absorbable suture (STRATAFIX <sup>®</sup> ) in laparoscopic myomectomy: A feasibility study. <i>Gynecology and Minimally Invasive Therapy</i> , 2021, 10, 104.	0.9	5
53	Successful monozygotic triplet pregnancy after a single blastocyst transfer following in vitro maturation of oocytes from a woman with polycystic ovary syndrome: a case report. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 57.	2.4	4
54	Rare Hereditary Gynecological Cancer Syndromes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1563.	4.1	4

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55	Predictive factors for oocyte retrieval failure in controlled ovarian hyperstimulation protocols: a retrospective observational cohort study. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 53.	3.3	3
56	Prognostic factors for patients undergoing vitrified-warmed human embryo transfer cycles: a retrospective cohort study. <i>Human Fertility</i> , 2017, 20, 140-146.	1.7	3
57	Successful laparoscopic resection of ovarian abscess caused by <i>Staphylococcus aureus</i> in a 13-year-old girl: a case report and review of literature. <i>BMC Women's Health</i> , 2021, 21, 198.	2.0	3
58	A Case of Elastography-Assisted Laparoscopic Fertility Preservation for Severe Deep Endometriosis Causing Ureteral Stenosis and Subtype II Adenomyosis. <i>Endocrines</i> , 2021, 2, 348-355.	1.0	3
59	Brachial-to-ankle pulse wave velocity as an independent prognostic factor for ovulatory response to clomiphene citrate in women with polycystic ovary syndrome. <i>Journal of Ovarian Research</i> , 2014, 7, 74.	3.0	2
60	Successful laparoscopic treatment of an abdominal pregnancy implanted in the utero-ovarian ligament: a case report of a rare form of ectopic pregnancy. <i>Journal of Obstetrics and Gynaecology</i> , 2019, 39, 579-580.	0.9	2
61	The number of overall hysterectomies per population with the perimenopausal status is increasing in Japan: A national representative cohort study. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 2651-2661.	1.3	2
62	Successful planned pregnancy through vitrified-warmed embryo transfer in a woman with chronic myeloid leukemia: case report and literature review. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2020, 12, e2020005.	1.3	2
63	Correlation between the number of laparoscopy-qualified gynecologists and the proportion of laparoscopic surgeries for benign gynecological diseases in Japan: An ecological study. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 329-336.	1.3	2
64	Severe Hemoperitoneum After Oocyte Retrieval Due to Ovarian Hemorrhage Possibly Caused by Violent Cough Under General Anesthesia With Propofol and Pentazocine: A Case Report and Literature Review. <i>Cureus</i> , 2021, 13, e18724.	0.5	2
65	Porous diaphragm syndrome presenting as hemothorax secondary to hemoperitoneum after laparoscopic myomectomy: A case report and literature review. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 1039-1045.	1.3	2
66	Successful management of preoperatively diagnosed torsion of a subserosal uterine fibroid by pneumoperitoneum laparoscopic single-port surgery. <i>Fukushima Journal of Medical Sciences</i> , 2019, 65, 128-132.	0.4	1
67	Successful management of a submucosal fibroid using a hysteroscopic morcellator system in a patient with a history of total proctocolectomy: A case report. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 2450-2453.	1.3	1
68	Prenatal diagnosis of fetal microhydranencephaly: a case report and literature review. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 688.	2.4	1
69	Relationship between temporal changes of endometrial blood flow impedance during natural and hormone replacement cycles and prediction of pregnancy during vitrified-warmed embryo transfer. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1052-1063.	1.3	1
70	Reproductive medical providers' behaviors, considerations, and plans for fertility treatments during the COVID-19 pandemic in Japan: A nationwide web-based survey. <i>Reproductive Medicine and Biology</i> , 2021, 20, 123-132.	2.4	1
71	Trocar-site hernia following laparoscopic salpingo-oophorectomy in a middle-aged Japanese woman: an initial case report after 40 years of experience at a single center and a brief literature review. <i>BMC Women's Health</i> , 2022, 22, 8.	2.0	1
72	Synchronous bilateral primary ovarian cancer with right endometrioid carcinoma and left high-grade serous carcinoma: a case report and literature review. <i>BMC Women's Health</i> , 2022, 22, 103.	2.0	1

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73	Ageing impairs restoration of endometrial blood flow impedance after laparoscopic myomectomy in infertile women with uterine fibroids. <i>Journal of Obstetrics and Gynaecology</i> , 2021, , 1-6.	0.9	0
74	Abstract 5052: The association between estrogen receptor alpha and platinum sensitivity in ovarian cancer cells. , 2015, , .		0
75	Trichorionic Triamniotic Triplets After Single Embryo Transfer: A Case Series and Literature Review. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2019, 7, 408-411.	0.4	0
76	Immunohistochemical diagnostic confirmation and laparoscopic treatment for primary peritoneal pregnancy: A case report. <i>Japanese Journal of Gynecologic and Obstetric Endoscopy</i> , 2020, 36, 278-282.	0.0	0
77	Successful pregnancy and delivery after a vitrified-warmed embryo transfer in a woman with Kallmann syndrome: A case report and literature review. <i>Fukushima Journal of Medical Sciences</i> , 2022, 68, 49-55.	0.4	0
78	Exploring infertility biologically and sociologically: The hidden risks and benefits of oocyte freezing. [Fukushima Igaku Zasshi] <i>Fukushima Medical Journal</i> , 2022, 72, 1-9.	0.0	0