

# Hiroaki Tanaka

## List of Publications by Year in descending order

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95  
papers

1,012  
citations

430874

18  
h-index

526287

27  
g-index

107  
all docs

107  
docs citations

107  
times ranked

1070  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status of pregnancy-related maternal mortality in Japan: a report from the Maternal Death Exploratory Committee in Japan. <i>BMJ Open</i> , 2016, 6, e010304.	1.9	96
2	Beta-Blockers and Fetal Growth Restriction in Pregnant Women With Cardiovascular Disease. <i>Circulation Journal</i> , 2016, 80, 2221-2226.	1.6	65
3	Decline in maternal death due to obstetric haemorrhage between 2010 and 2017 in Japan. <i>Scientific Reports</i> , 2019, 9, 11026.	3.3	35
4	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , 2018, 31, 89-96.	2.0	34
5	Analysis of pregnancies in women with Takayasu arteritis: Complication of Takayasu arteritis involving obstetric or cardiovascular events. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014, 40, 2031-2036.	1.3	31
6	Cardiovascular Events in Pregnancy With Hypertrophic Cardiomyopathy. <i>Circulation Journal</i> , 2014, 78, 2501-2506.	1.6	31
7	Maternal Death Due to Stroke Associated With Pregnancy-Induced Hypertension. <i>Circulation Journal</i> , 2015, 79, 1835-1840.	1.6	31
8	Increase in Maternal Death-Related Venous Thromboembolism During Pregnancy in Japan (2010–2013). <i>Circulation Journal</i> , 2015, 79, 1357-1362.	1.6	28
9	Safety and dose-finding trial of tadalafil administered for fetal growth restriction: A phase I clinical study. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 1159-1168.	1.3	27
10	A systematic review of massive transfusion protocol in obstetrics. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 715-718.	1.3	26
11	The increase in the rate of maternal deaths related to cardiovascular disease in Japan from 1991–1992 to 2010–2012. <i>Journal of Cardiology</i> , 2017, 69, 74-78.	1.9	25
12	Retrospective study of tadalafil for fetal growth restriction: Impact on maternal and perinatal outcomes. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 291-297.	1.3	25
13	Safety Evaluation of Tadalafil Treatment for Fetuses with Early-Onset Growth Restriction (TADAFER): Results from the Phase II Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 856.	2.4	23
14	Tadalafil treatment in mice for preeclampsia with fetal growth restriction has neuro-benefic effects in offspring through modulating prenatal hypoxic conditions. <i>Scientific Reports</i> , 2019, 9, 234.	3.3	23
15	Analysis of preventability of stroke-related maternal death from the nationwide registration system of maternal deaths in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2097-2104.	1.5	22
16	Elevated levels of plasma lactate dehydrogenase is an unfavorable prognostic factor in patients with epidermal growth factor receptor mutation-positive non-small cell lung cancer, receiving treatment with gefitinib or erlotinib. <i>Molecular and Clinical Oncology</i> , 2016, 4, 774-778.	1.0	20
17	Vaginal delivery in pregnancy with Miyamoya disease: Experience at a single institute. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 517-522.	1.3	18
18	Recommendations for saving mothers' lives in Japan: Report from the Maternal Death Exploratory Committee (2010–2014). <i>Journal of Obstetrics and Gynaecology Research</i> , 2016, 42, 1637-1643.	1.3	18

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19	The most common causative bacteria in maternal sepsis-related deaths in Japan were group A Streptococcus: A nationwide survey. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 41-44.	1.7	18
20	Analysis of Anticoagulant Therapy by Unfractionated Heparin During Pregnancy After Mechanical Valve Replacement. <i>Circulation Journal</i> , 2014, 78, 878-881.	1.6	17
21	Early-onset fetal growth restriction treated with the long-acting phosphodiesterase-5 inhibitor tadalafil: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 317.	0.8	15
22	Efficacy of transfusion with freshâ€‘frozen plasma:red blood cell concentrate ratio of 1 or more for amniotic fluid embolism with coagulopathy: a caseâ€‘control study. <i>Transfusion</i> , 2016, 56, 3042-3046.	1.6	15
23	Purification and characterization of a clostripain-like protease from a recombinant <i>Clostridium perfringens</i> culture. <i>Microbiology (United Kingdom)</i> , 2010, 156, 561-569.	1.8	14
24	Management of pregnancy complicated with intracranial arteriovenous malformation. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 673-680.	1.3	14
25	Prophylaxis against pneumocystis pneumonia in rheumatoid arthritis patients treated with b/tsDMARDs: insights from 3787 cases in the FIRST registry. <i>Rheumatology</i> , 2022, 61, 1831-1840.	1.9	14
26	The value of double-contrast study of the small intestine in immunoproliferative small intestinal disease. <i>Gastrointestinal Radiology</i> , 1990, 15, 159-163.	0.4	13
27	Treatment using tadalafil for severe preâ€‘eclampsia with fetal growth restriction. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 1205-1208.	1.3	13
28	Maternal and fetal outcomes in pregnancy complicated with Eisenmenger syndrome. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019, 58, 183-187.	1.3	13
29	Value of fibrinogen in cases of maternal death related to amniotic fluid embolism. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2940-2943.	1.5	12
30	Maternal deaths in Japan due to abnormally invasive placenta. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 140, 375-376.	2.3	12
31	Effect of epidural anesthesia in labor; pregnancy with cardiovascular disease. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2018, 57, 190-193.	1.3	11
32	Myocardial tissue characterization and strain analysis in healthy pregnant women using cardiovascular magnetic resonance native T1 mapping and feature tracking technique. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 52.	3.3	11
33	Construction and characterization of a clostripain-like protease-deficient mutant of <i>Clostridium perfringens</i> as a strain for clostridial gene expression. <i>Applied Microbiology and Biotechnology</i> , 2008, 77, 1063-1071.	3.6	10
34	Analysis of preventability of hypertensive disorder in pregnancy-related maternal death using the nationwide registration system of maternal deaths in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 3420-3426.	1.5	10
35	Maternal and neonatal outcomes in labor and at delivery when long QT syndrome is present. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1117-1119.	1.5	9
36	Impact of pregnancy on the size of small cerebral aneurysm. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2759-2762.	1.5	8

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37	Analysis of maternal death autopsies from the nationwide registration system of maternal deaths in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 333-338.	1.5	8
38	Tadalafil treatment for preeclampsia (medication in preeclampsia; MIE): a multicenter phase II clinical trial. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3709-3715.	1.5	8
39	High-level production and purification of clostripain expressed in a virulence-attenuated strain of <i>Clostridium perfringens</i> . <i>Protein Expression and Purification</i> , 2011, 76, 83-89.	1.3	7
40	Antifungal Susceptibility of <i>Candida</i> Isolates at One Institution. <i>Medical Mycology Journal</i> , 2014, 55, E1-E7.	1.4	7
41	TADAFER II: Tadalafil treatment for fetal growth restriction - a study protocol for a multicenter randomised controlled phase II trial. <i>BMJ Open</i> , 2018, 8, e020948.	1.9	6
42	Evaluation of Maternal and Neonatal Outcomes of Assisted Reproduction Technology: A Retrospective Cohort Study. <i>Medicina (Lithuania)</i> , 2020, 56, 32.	2.0	6
43	Nationwide survey (Japan) on spontaneous hemoperitoneum in pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 2646-2652.	1.3	6
44	Maternal Death Related to Sudden Unexpected Death in Epilepsy: A Nationwide Survey in Japan. <i>Brain Sciences</i> , 2021, 11, 995.	2.3	6
45	Evaluation of the tolerability of monoclonal antibody therapy for pregnant patients with COVID-19. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 2325-2333.	1.3	6
46	Application of the perfusion index in obstetric bleeding. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 3812-3814.	1.5	5
47	Maternal Blood Concentration of Tadalafil and Uterine Blood Flow in Pregnancy. <i>Medicina (Lithuania)</i> , 2019, 55, 708.	2.0	5
48	Cardiac function and tadalafil used for treating fetal growth restriction in pregnant women without cardiovascular disease. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2460-2462.	1.5	5
49	Safety trial of tadalafil administered for the treatment of preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 167-170.	1.5	5
50	Pregnancy-associated hemorrhagic stroke: A nationwide survey in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 2066-2075.	1.3	5
51	Management of fetal growth restriction using the contraction stress test: a case-control study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 3221-3225.	1.5	4
52	A literature review of herpes simplex virus hepatitis in pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1774-1779.	1.5	4
53	Developmental Evaluation of Infants Who Have Received Tadalafil in Utero for Fetal Growth Restriction. <i>Journal of Clinical Medicine</i> , 2020, 9, 1448.	2.4	4
54	Pulmonary thromboembolism during pregnancy and puerperium: Comparison of survival and death cases. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1312-1321.	1.3	4

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55	Management of pregnancy and delivery in women with Kawasaki disease and residual coronary artery lesion with detailed analysis of labor analgesia: combined experience of 13 cases in two institutions. <i>JA Clinical Reports</i> , 2020, 6, 67.	0.7	4
56	<i>In utero</i> spontaneous bladder rupture in a fetus with posterior urethral valve: A case report of prenatal diagnosis and management. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 1318-1321.	1.3	3
57	sFlt-1 value predicts pregnancy prolongation periods from diagnosis in pregnant women diagnosed with early-onset preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 4196-4198.	1.5	3
58	Analysis of preventability of malignancy-related maternal death from the nationwide registration system of maternal deaths in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 432-438.	1.5	3
59	Phase-1 clinical study of tadalafil administered for selective fetal growth restriction in twin pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 1075-1082.	1.5	3
60	Aortic dissection during pregnancy and puerperium: A Japanese nationwide survey. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1265-1271.	1.3	3
61	Comparison of perinatal outcomes between controlled-release dinoprostone vaginal delivery system (PROPESS) and metreurynter for cervical ripening in labor induction: A retrospective single-center study in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 4256-4262.	1.3	3
62	Maternal tadalafil therapy for fetal growth restriction prevents non-alcoholic fatty liver disease and adipocyte hypertrophy in the offspring. <i>Scientific Reports</i> , 2021, 11, 1186.	3.3	3
63	Effect of maternal positioning during cardiopulmonary resuscitation: a systematic review and meta-analyses. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 159.	2.4	3
64	Challenges facing workstyle reform for Japanese obstetricians and gynecologists revealed from time studies. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 1580-1590.	1.3	3
65	Tadalafil treatment for fetuses with early-onset growth restriction: a protocol for a multicentre, randomised, placebo-controlled, double-blind phase II trial (TADAFER IIb). <i>BMJ Open</i> , 2022, 12, e054925.	1.9	3
66	Non-invasive monitoring of the cardiac effects of continuous intravenous oxytocin infusion during cesarean delivery. <i>International Journal of Gynecology and Obstetrics</i> , 2017, 139, 251-252.	2.3	2
67	Antenatal Indomethacin Treatment for Congenital Myotonic Dystrophy. <i>Case Reports in Obstetrics and Gynecology</i> , 2019, 2019, 1-4.	0.3	2
68	Placental growth factor as a predictor of the efficacy of tadalafil treatment for fetal growth restriction. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2879-2882.	1.5	2
69	Perinatal outcome in case of maternal death for cerebrovascular acute disorders: a nationwide study in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-6.	1.5	2
70	Intrapartum cardiotocogram monitoring between obstetricians and computer analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 787-793.	1.5	2
71	The Successful Use of Nitroglycerin for Uterine Hyperstimulation with Fetal Heart Rate Abnormality Caused by a Controlled-Release Dinoprostone Vaginal Delivery System (PROPESS): A Case Report. <i>Medicina (Lithuania)</i> , 2021, 57, 478.	2.0	2
72	Evaluation of placental oxygenation index using blood oxygen level-dependent magnetic resonance imaging (BOLD-MRI) during normal late pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5274-5281.	1.5	2

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73	Nationwide study of mortality and survival in pregnancy-related streptococcal toxic shock syndrome. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 928-934.	1.3	2
74	Tadalafil Treatment Ameliorates Hypoxia and Alters Placental Expression of Proteins Downstream of mTOR Signaling in Fetal Growth Restriction. <i>Medicina (Lithuania)</i> , 2020, 56, 722.	2.0	2
75	Tadalafil Treatment of Mice with Fetal Growth Restriction and Preeclampsia Improves Placental mTOR Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1474.	4.1	2
76	Placental growth factor level is correlated with intrapartum fetal heart rate findings. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 215.	2.4	2
77	374: Tadalafil treatment for fetus with early onset growth restriction (TADAFER) A multicenter phase â€¦ trial. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S257-S258.	1.3	1
78	Relationship between reproductive medicine for women with severe complications and maternal death in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 164-167.	1.3	1
79	Relationship between a high Edinburgh Postnatal Depression Scale score and premenstrual syndrome: A prospective, observational study. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 356-360.	1.3	1
80	Reference range for C1-esterase inhibitor (C1 INH) in the third trimester of pregnancy. <i>Journal of Perinatal Medicine</i> , 2021, 49, 166-169.	1.4	1
81	Intravenous infusion route in maternal resuscitation: a scoping review. <i>BMC Emergency Medicine</i> , 2021, 21, 151.	1.9	1
82	Assessment of the value of measuring soluble fms-like tyrosine kinase-1 and placental growth factor levels following administration of tadalafil to treat fetal growth restriction. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 9131-9135.	1.5	1
83	667: Rapid deterioration after the first symptom in maternal death. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, S326-S327.	1.3	0
84	820: Maternal death through stroke: analysis of national registration in Japan. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, S427.	1.3	0
85	Response to â€œLetter on â€œManagement of pregnancy complicated with intracranial arteriovenous malformationâ€™â€œ. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 1335-1335.	1.3	0
86	36: Tadalafil treatment in mice for preeclampsia with fetal growth restriction has neurobenefic effects in offspring. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S29.	1.3	0
87	8: Primary cytomegalovirus infection during pregnancy and subsequent congenital infection: maternal antibody screening involving 19,000 women. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S6-S7.	1.3	0
88	Retrospective study of pregnancies in women with Thr331Ala <i>fibrinogen</i> polymorphisms. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3894-3899.	1.5	0
89	Risk Factors for Cardiovascular Events among Pregnant Women with Cardiovascular Disease. <i>Internal Medicine</i> , 2020, 59, 1119-1124.	0.7	0
90	851: Japanâ€™s effort to reduce the maternal death from critical obstetrical hemorrhage: Nationwide Registry. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, S533.	1.3	0

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91	Examination of fetal well-being evaluation metrics for fetal growth restriction as seen from Japan Obstetric Compensation Cause Analysis Report data. Journal of Obstetrics and Gynaecology Research, 2021, , .	1.3	0
92	A CASE OF A MESENTERIC CYST PRESENTED WITH INTERMITTENT ABDOMINAL PAIN. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2003, 64, 2029-2031.	0.0	0
93	Tadalafil Treatment for Fetus with Early-Onset Growth Restriction (TADAFER II): A Multicenter, Phase II Clinical Trial. SSRN Electronic Journal, 0, , .	0.4	0
94	Effectiveness of calcium administration in maternal cardiac arrest associated with hypermagnesemia: A scoping review. Hypertension Research in Pregnancy, 2022, 10, .	0.2	0
95	Appropriate Method of Administering Vasopressors for Maternal Hypotension Associated with Combined Spinal Epidural Anesthesia in Elective Cesarean Section: Impact on Postnatal Respiratory Support for Newborns. Medicina (Lithuania), 2022, 58, 403.	2.0	0