

# Tomoaki Ikeda

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98 papers	1,179 citations	16 h-index	30 g-index
119 ext. papers	1,452 ext. citations	3.2 avg, IF	4.07 L-index

#	Paper	IF	Citations
98	Fetal heart rate variability is a biomarker of rapid but not progressive exacerbation of inflammation in preterm fetal sheep.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1771	4.9	1
97	Decreased fetal heart rate variability and maternal combined dose of sodium valproate and phenytoin. <i>International Journal of Gynecology and Obstetrics</i> , <b>2022</b> , 156, 177-178	4	1
96	Placental growth factor level is correlated with intrapartum fetal heart rate findings.. <i>BMC Pregnancy and Childbirth</i> , <b>2022</b> , 22, 215	3.2	
95	Stroke during pregnancy and puerperium among Japanese women: a single-center registry. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2021</b> , 34, 2957-2964	2	0
94	Reply to the "Letter to the Editor: measurement of fetal parasympathetic activity during labor: a new pathway for evaluation of fetal well-being?". <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2021</b> , 320, R469-R470	3.2	
93	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> , <b>2021</b> , 57,	3.1	1
92	The validity of the subsequent pregnancy index score for fertility-sparing trachelectomy in early-stage cervical cancer. <i>Fertility and Sterility</i> , <b>2021</b> , 115, 1250-1258	4.8	3
91	Transient effects of forebrain ischemia on fetal heart rate variability in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2021</b> , 320, R916-R924	3.2	2
90	Response to deceleration area and deceleration capacity: promising predictors of fetal acidemia in human labour? Visual versus computerised cardiotocography. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2021</b> , 128, 2055-2056	3.7	
89	Laparoscopic repair of segmental obturator nerve injury defect using an artificial nerve conduit: A case report. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2021</b> , 47, 4118-4121	1.9	0
88	Intrapartum cardiotocogram monitoring between obstetricians and computer analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2021</b> , 34, 787-793	2	0
87	Phase-1 clinical study of tadalafil administered for selective fetal growth restriction in twin pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2021</b> , 34, 1075-1082	2	0
86	Deceleration area and capacity during labour-like umbilical cord occlusions identify evolving hypotension: a controlled study in fetal sheep. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2021</b> , 128, 1433-1442	3.7	8
85	Identifying Issues in Fertility Preservation for Childhood and Adolescent Patients with Cancer at Pediatric Oncology Hospitals in Japan. <i>Journal of Adolescent and Young Adult Oncology</i> , <b>2021</b> ,	2.2	1
84	Trends in the Prevalence and Progression of Diabetic Retinopathy Associated with Hyperglycemic Disorders during Pregnancy in Japan.. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 11,	5.1	1
83	Parasympathetic activity is the key regulator of heart rate variability between decelerations during brief repeated umbilical cord occlusions in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R541-R550	3.2	11
82	Effects of antenatal dexamethasone and hyperglycemia on cardiovascular adaptation to asphyxia in preterm fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R653-R665	3.2	2

81	Fetal heart rate pattern in term or near-term cerebral palsy: a nationwide cohort study. <i>American Journal of Obstetrics and Gynecology</i> , <b>2020</b> , 223, 907.e1-907.e13	6.4	6
80	Circulating catecholamines partially regulate T-wave morphology but not heart rate variability during repeated umbilical cord occlusions in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R123-R131	3.2	13
79	Relationship between thin physique at 6 years and metabolic disease risks in middle-aged Japanese women: The Suita study. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2020</b> , 46, 517-526	1.9	
78	The Perinatal Condition Around Birth and Cardiovascular Risk Factors in the Japanese General Population: The Suita Study. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2020</b> , 27, 204-214	4	2
77	Tadalafil alleviates preeclampsia and fetal growth restriction in RUPP model of preeclampsia in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 521, 769-774	3.4	12
76	Maternal administration of tadalafil improves fetal ventricular systolic function in a Hey2 knockout mouse model of fetal heart failure. <i>International Journal of Cardiology</i> , <b>2020</b> , 302, 110-116	3.2	
75	Fertility-sparing trachelectomy for early-stage cervical cancer: A proposal of an ideal candidate. <i>Gynecologic Oncology</i> , <b>2020</b> , 156, 341-348	4.9	11
74	Peripheral chemoreflex control of fetal heart rate decelerations overwhelms the baroreflex during brief umbilical cord occlusions in fetal sheep. <i>Journal of Physiology</i> , <b>2020</b> , 598, 4523-4536	3.9	18
73	Reply to the "Letter to the Editor: Mind the gap: epistemology of heart rate variability". <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R345-R346	3.2	1
72	Effects of Eadrenergic stimulation on fetal heart rate, heart rate variability, and T-wave elevation during brief umbilical cord occlusions in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R551-R559	3.2	3
71	Skin Inflammation and Testicular Function: Dermatitis Causes Male Infertility via Skin-Derived Cytokines. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	6
70	A literature review of herpes simplex virus hepatitis in pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 33, 1774-1779	2	4
69	Safety trial of tadalafil administered for the treatment of preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 33, 167-170	2	3
68	Withdrawal of the 1999 JSOG recommendation of weight gain restriction during pregnancy (Commentary of the JSOG Perinatal Committee). <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2019</b> , 45, 2302	1.9	0
67	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> , <b>2019</b> , 9, 234	4.9	7
66	Predicting postpartum cardiac events in pregnant women with complete atrioventricular block. <i>Journal of Cardiology</i> , <b>2019</b> , 74, 347-352	3	4
65	Maternal and fetal outcomes in pregnancy complicated with Eisenmenger syndrome. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 58, 183-187	1.6	6
64	Antenatal Indomethacin Treatment for Congenital Myotonic Dystrophy. <i>Case Reports in Obstetrics and Gynecology</i> , <b>2019</b> , 2019, 4290145	0.8	2

63	Cardiovascular profile and biophysical profile scores predict short-term prognosis in infants with congenital heart defect. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2019</b> , 45, 1268-1276	1.9	2
62	Antenatal Therapy for Fetal Supraventricular Tachyarrhythmias: Multicenter Trial. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 874-885	15.1	23
61	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> , <b>2019</b> , 8,	5.1	8
60	Early sinusoidal heart rate patterns and heart rate variability to assess hypoxia-ischaemia in near-term fetal sheep. <i>Journal of Physiology</i> , <b>2019</b> , 597, 5535-5548	3.9	12
59	Short- and Long-Term Outcomes of Extremely Preterm Infants in Japan According to Outborn/Inborn Birth Status. <i>Pediatric Critical Care Medicine</i> , <b>2019</b> , 20, 963-969	3	17
58	Maternal biomarkers for fetal heart failure in fetuses with congenital heart defects or arrhythmias. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 220, 104.e1-104.e15	6.4	7
57	Fetal paroxysmal atrial fibrillation during transplacental therapy for supraventricular tachycardia. <i>HeartRhythm Case Reports</i> , <b>2019</b> , 5, 22-24	1	0
56	Prediction of postnatal arrhythmia in fetuses with cardiac rhabdomyoma. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2019</b> , 32, 2463-2468	2	5
55	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> , <b>2019</b> , 32, 2460-2462	2	2
54	Response to "Letter on Management of pregnancy complicated with intracranial arteriovenous malformation". <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2018</b> , 44, 1335	1.9	
53	Evolving changes in fetal heart rate variability and brain injury after hypoxia-ischaemia in preterm fetal sheep. <i>Journal of Physiology</i> , <b>2018</b> , 596, 6093-6104	3.9	18
52	Management of pregnancy complicated with intracranial arteriovenous malformation. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2018</b> , 44, 673-680	1.9	7
51	Potential utility of pulsed-wave Doppler for prenatal diagnosis of fetal ventricular tachycardia secondary to long QT syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2018</b> , 51, 697-699	5.8	9
50	The impact of intrauterine treatment on fetal tachycardia: a nationwide survey in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2018</b> , 31, 2605-2610	2	11
49	Plasma natriuretic peptide levels in fetuses with congenital heart defect and/or arrhythmia. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2018</b> , 52, 609-616	5.8	10
48	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> , <b>2018</b> , 20, 52	6.9	6
47	Practical use of C1 esterase inhibitor concentrate for clinical amniotic fluid embolism. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2018</b> , 44, 1995-1998	1.9	3
46	Amniotic Fluid Natriuretic Peptide Levels in Fetuses With Congenital Heart Defects or Arrhythmias. <i>Circulation Journal</i> , <b>2018</b> , 82, 2619-2626	2.9	3

45	Development of methods for prevention and treatment of hypertension disorder of pregnancy. <i>Hypertension Research in Pregnancy</i> , <b>2018</b> , 6, 40-40	0.7	
44	Understanding Fetal Heart Rate Patterns That May Predict Antenatal and Intrapartum Neural Injury. <i>Seminars in Pediatric Neurology</i> , <b>2018</b> , 28, 3-16	2.9	14
43	Treatment using tadalafil for severe pre-eclampsia with fetal growth restriction. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2017</b> , 43, 1205-1208	1.9	11
42	Cardiovascular profile score as a predictor of acute intrapartum non-reassuring fetal status in infants with congenital heart defects. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2017</b> , 30, 2831-2837	2.3	10
41	Retrospective study of tadalafil for fetal growth restriction: Impact on maternal and perinatal outcomes. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2017</b> , 43, 291-297	1.9	17
40	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , <b>2017</b> , 31, 89-96	2.3	19
39	Antenatal antiarrhythmic treatment for fetal tachyarrhythmias: a study protocol for a prospective multicentre trial. <i>BMJ Open</i> , <b>2017</b> , 7, e016597	3	14
38	Safety and dose-finding trial of tadalafil administered for fetal growth restriction: A phase-1 clinical study. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2017</b> , 43, 1159-1168	1.9	18
37	Development of a simple and quick immunochromatography method for detection of anti-HPV-16/-18 antibodies. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171314	3.7	5
36	A case of external iliac artery injury during total laparoscopic radical hysterectomy managed laparoscopically. <i>Japanese Journal of Gynecologic and Obstetric Endoscopy</i> , <b>2016</b> , 32, 271-275	0	1
35	Spontaneous uterine rupture in the 35th week of gestation after laparoscopic adenomyomectomy. <i>International Medical Case Reports Journal</i> , <b>2016</b> , 9, 1-4	1	11
34	Relevant Obstetric Factors for Cerebral Palsy: From the Nationwide Obstetric Compensation System in Japan. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148122	3.7	39
33	Isolated gestational proteinuria preceding the diagnosis of preeclampsia - an observational study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2016</b> , 95, 1048-54	3.8	15
32	Cutaneous endometrial cancer arising from heterotopic endometriosis in an abdominal caesarean section scar. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2016</b> , 30, 683-5	4.6	3
31	Early-onset fetal growth restriction treated with the long-acting phosphodiesterase-5 inhibitor tadalafil: a case report. <i>Journal of Medical Case Reports</i> , <b>2016</b> , 10, 317	1.2	11
30	Safety of induced abortions at less than 12 weeks of pregnancy in Japan. <i>International Journal of Gynecology and Obstetrics</i> , <b>2015</b> , 129, 54-7	4	6
29	Urinary protein-to-creatinine ratio in pregnant women after dipstick testing: prospective observational study. <i>BMC Pregnancy and Childbirth</i> , <b>2015</b> , 15, 331	3.2	8
28	Novel findings of fetal ectopic atrial tachycardia by cardiotocography. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2015</b> , 46, 629-30	5.8	1

27	Therapeutic application of C1 esterase inhibitor concentrate for clinical amniotic fluid embolism: a case report. <i>Clinical Case Reports (discontinued)</i> , <b>2015</b> , 3, 673-5	0.7	8
26	Hemokinin-1 mediates pruriceptive processing in the rat spinal cord. <i>Neuroscience</i> , <b>2014</b> , 277, 206-16	3.9	8
25	An amino-terminal fragment of hemokinin-1 has an inhibitory effect on pruritic processing in rats. <i>Neuroscience</i> , <b>2014</b> , 259, 172-83	3.9	6
24	Chronic blockade of vasopressin type1a receptor and/or type2 receptor improves both cardiac and renal damage and dysfunction in hypertensive rats. <i>European Heart Journal</i> , <b>2013</b> , 34, P3312-P3312	9.5	
23	Regional quantification of muscarinic acetylcholine receptors and $\beta$ adrenoceptors in human airways. <i>British Journal of Pharmacology</i> , <b>2012</b> , 166, 1804-14	8.6	41
22	Intrapartum management guidelines based on fetal heart rate pattern classification. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2010</b> , 36, 925-8	1.9	30
21	Intrapartum fetal heart rate patterns in infants (> or =34 weeks) with poor neurological outcome. <i>Early Human Development</i> , <b>2009</b> , 85, 235-8	2.2	15
20	Segawa disease with a novel heterozygous mutation in exon 5 of the GCH-1 gene (E183K). <i>Brain and Development</i> , <b>2009</b> , 31, 173-5	2.2	4
19	A framework for standardized management of intrapartum fetal heart rate patterns. <i>American Journal of Obstetrics and Gynecology</i> , <b>2007</b> , 197, 26.e1-6	6.4	91
18	Intrapartum fetal heart rate monitoring in cases of cytomegalovirus infection. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 191, 1257-62	6.4	16
17	Clinical significance of alendronate in postmenopausal type 2 diabetes mellitus. <i>Diabetes and Metabolism</i> , <b>2004</b> , 30, 355-8	5.4	6
16	Effect of insulin, proinsulin, and amylin on renin release from perfused rat kidney. <i>Metabolism: Clinical and Experimental</i> , <b>2001</b> , 50, 763-6	12.7	15
15	Clinical assessment of unilateral pulmonary artery occlusion test with dobutamine infusion. Expansion of surgical indications in patients with primary lung cancer and impaired cardiopulmonary functions. <i>General Thoracic and Cardiovascular Surgery</i> , <b>2000</b> , 48, 802-8		5
14	A phase I/II study of continuous intra-arterial chemotherapy using an implantable reservoir for the treatment of liver metastases from breast cancer: a Japan Clinical Oncology Group (JCOG) study 9113. JCOG Breast Cancer Study Group. <i>Japanese Journal of Clinical Oncology</i> , <b>1999</b> , 29, 23-7	2.8	23
13	Ultrashort-time FISH for identification of the sex of peripheral-blood lymphocytes and preimplantation embryos. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>1998</b> , 24, 167-71		1
12	Physiologic and histologic changes in near-term fetal lambs exposed to asphyxia by partial umbilical cord occlusion. <i>American Journal of Obstetrics and Gynecology</i> , <b>1998</b> , 178, 24-32	6.4	87
11	Frozen-section-guided breast-conserving surgery: implications of diagnosis by frozen section as a guide to determining the extent of resection. <i>Surgery Today</i> , <b>1997</b> , 27, 207-12	3	19
10	Adverse effect of chronic tonsillitis on clinical course of sarcoidosis in relation to HLA distribution. <i>Chest</i> , <b>1992</b> , 101, 758-62	5.3	9

9	Ischemic injury in liver transplantation: difference in injury sites between warm and cold ischemia in rats. <i>Hepatology</i> , <b>1992</b> , 16, 454-61	11.2	222
8	Adverse effect of chronic tonsillitis on clinical course of sarcoidosis. <i>Sarcoidosis</i> , <b>1991</b> , 8, 120-4		2
7	Genetic heterogeneity in blast crisis of chronic myelocytic leukemia. <i>Leukemia Research</i> , <b>1990</b> , 14, 195-201		3
6	Vitamin B12 levels in serum and cerebrospinal fluid of people with Alzheimer's disease. <i>Acta Psychiatrica Scandinavica</i> , <b>1990</b> , 82, 327-9	6.5	66
5	In vitro effect of corticosteroid on immunoregulatory functions in primary biliary cirrhosis. <i>Clinical Immunology and Immunopathology</i> , <b>1989</b> , 53, 192-201		1
4	In vitro effect of prednisolone on peripheral blood suppressor T cell activity in patients with alcoholic hepatitis. <i>Clinical Immunology and Immunopathology</i> , <b>1989</b> , 53, 225-32		4
3	Prostaglandin-E-producing hepatocellular carcinoma with hypercalcemia. <i>Cancer</i> , <b>1988</b> , 61, 1813-4	6.4	16
2	Immunological mechanisms of corticosteroid therapy in chronic active hepatitis: analysis of peripheral blood suppressor T-cell and interleukin 2 activities. <i>Clinical Immunology and Immunopathology</i> , <b>1988</b> , 48, 371-9		3
1	Intrauterine fetal death during COVID -19 pregnancy: Typical fetal heart rate changes, coagulopathy, and placentitis. <i>Journal of Obstetrics and Gynaecology Research</i> ,		0