

Tomoaki Ikeda

List of Publications by Citations

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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	Ischemic injury in liver transplantation: difference in injury sites between warm and cold ischemia in rats. <i>Hepatology</i> , 1992 , 16, 454-61	11.2	222
97	A framework for standardized management of intrapartum fetal heart rate patterns. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 26.e1-6	6.4	91
96	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> , 1998 , 178, 24-32	6.4	87
95	Vitamin B12 levels in serum and cerebrospinal fluid of people with Alzheimer's disease. <i>Acta Psychiatrica Scandinavica</i> , 1990 , 82, 327-9	6.5	66
94	Regional quantification of muscarinic acetylcholine receptors and β -adrenoceptors in human airways. <i>British Journal of Pharmacology</i> , 2012 , 166, 1804-14	8.6	41
93	Relevant Obstetric Factors for Cerebral Palsy: From the Nationwide Obstetric Compensation System in Japan. <i>PLoS ONE</i> , 2016 , 11, e0148122	3.7	39
92	Intrapartum management guidelines based on fetal heart rate pattern classification. <i>Journal of Obstetrics and Gynaecology Research</i> , 2010 , 36, 925-8	1.9	30
91	Antenatal Therapy for Fetal Supraventricular Tachyarrhythmias: Multicenter Trial. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 874-885	15.1	23
90	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> , 1999 , 29, 23-7	2.8	23
89	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , 2017 , 31, 89-96	2.3	19
88	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> , 1997 , 27, 207-12	3	19
87	Evolving changes in fetal heart rate variability and brain injury after hypoxia-ischaemia in preterm fetal sheep. <i>Journal of Physiology</i> , 2018 , 596, 6093-6104	3.9	18
86	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> , 2017 , 43, 1159-1168	1.9	18
85	Peripheral chemoreflex control of fetal heart rate decelerations overwhelms the baroreflex during brief umbilical cord occlusions in fetal sheep. <i>Journal of Physiology</i> , 2020 , 598, 4523-4536	3.9	18
84	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	1.9	17
83	Short- and Long-Term Outcomes of Extremely Preterm Infants in Japan According to Outborn/Inborn Birth Status. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 963-969	3	17
82	Intrapartum fetal heart rate monitoring in cases of cytomegalovirus infection. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 1257-62	6.4	16

81	Prostaglandin-E-producing hepatocellular carcinoma with hypercalcemia. <i>Cancer</i> , 1988 , 61, 1813-4	6.4	16
80	Intrapartum fetal heart rate patterns in infants (> or =34 weeks) with poor neurological outcome. <i>Early Human Development</i> , 2009 , 85, 235-8	2.2	15
79	Effect of insulin, proinsulin, and amylin on renin release from perfused rat kidney. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 763-6	12.7	15
78	Isolated gestational proteinuria preceding the diagnosis of preeclampsia - an observational study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016 , 95, 1048-54	3.8	15
77	Antenatal antiarrhythmic treatment for fetal tachyarrhythmias: a study protocol for a prospective multicentre trial. <i>BMJ Open</i> , 2017 , 7, e016597	3	14
76	Understanding Fetal Heart Rate Patterns That May Predict Antenatal and Intrapartum Neural Injury. <i>Seminars in Pediatric Neurology</i> , 2018 , 28, 3-16	2.9	14
75	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> , 2020 , 319, R123-R131	3.2	13
74	Early sinusoidal heart rate patterns and heart rate variability to assess hypoxia-ischaemia in near-term fetal sheep. <i>Journal of Physiology</i> , 2019 , 597, 5535-5548	3.9	12
73	Tadalafil alleviates preeclampsia and fetal growth restriction in RUPP model of preeclampsia in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 769-774	3.4	12
72	Treatment using tadalafil for severe pre-eclampsia with fetal growth restriction. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017 , 43, 1205-1208	1.9	11
71	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> , 2020 , 319, R541-R550	3.2	11
70	The impact of intrauterine treatment on fetal tachycardia: a nationwide survey in Japan. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 2605-2610	2	11
69	Spontaneous uterine rupture in the 35th week of gestation after laparoscopic adenomyomectomy. <i>International Medical Case Reports Journal</i> , 2016 , 9, 1-4	1	11
68	Fertility-sparing trachelectomy for early-stage cervical cancer: A proposal of an ideal candidate. <i>Gynecologic Oncology</i> , 2020 , 156, 341-348	4.9	11
67	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	1.2	11
66	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> , 2017 , 30, 2831-2837	2	10
65	Plasma natriuretic peptide levels in fetuses with congenital heart defect and/or arrhythmia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 52, 609-616	5.8	10
64	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> , 2018 , 51, 697-699	5.8	9

63	Adverse effect of chronic tonsillitis on clinical course of sarcoidosis in relation to HLA distribution. <i>Chest</i> , 1992 , 101, 758-62	5.3	9
62	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,	5.1	8
61	Hemokinin-1 mediates pruriceptive processing in the rat spinal cord. <i>Neuroscience</i> , 2014 , 277, 206-16	3.9	8
60	Urinary protein-to-creatinine ratio in pregnant women after dipstick testing: prospective observational study. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 331	3.2	8
59	Therapeutic application of C1 esterase inhibitor concentrate for clinical amniotic fluid embolism: a case report. <i>Clinical Case Reports (discontinued)</i> , 2015 , 3, 673-5	0.7	8
58	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> , 2021 , 128, 1433-1442	3.7	8
57	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	4.9	7
56	Management of pregnancy complicated with intracranial arteriovenous malformation. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018 , 44, 673-680	1.9	7
55	Maternal biomarkers for fetal heart failure in fetuses with congenital heart defects or arrhythmias. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 104.e1-104.e15	6.4	7
54	Maternal and fetal outcomes in pregnancy complicated with Eisenmenger syndrome. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2019 , 58, 183-187	1.6	6
53	Safety of induced abortions at less than 12 weeks of pregnancy in Japan. <i>International Journal of Gynecology and Obstetrics</i> , 2015 , 129, 54-7	4	6
52	Fetal heart rate pattern in term or near-term cerebral palsy: a nationwide cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 907.e1-907.e13	6.4	6
51	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	6.9	6
50	An amino-terminal fragment of hemokinin-1 has an inhibitory effect on pruritic processing in rats. <i>Neuroscience</i> , 2014 , 259, 172-83	3.9	6
49	Clinical significance of alendronate in postmenopausal type 2 diabetes mellitus. <i>Diabetes and Metabolism</i> , 2004 , 30, 355-8	5.4	6
48	Skin Inflammation and Testicular Function: Dermatitis Causes Male Infertility via Skin-Derived Cytokines. <i>Biomedicines</i> , 2020 , 8,	4.8	6
47	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> , 2000 , 48, 802-8		5
46	Development of a simple and quick immunochromatography method for detection of anti-HPV-16/-18 antibodies. <i>PLoS ONE</i> , 2017 , 12, e0171314	3.7	5

45	Prediction of postnatal arrhythmia in fetuses with cardiac rhabdomyoma. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 2463-2468	2	5
44	Predicting postpartum cardiac events in pregnant women with complete atrioventricular block. <i>Journal of Cardiology</i> , 2019 , 74, 347-352	3	4
43	Segawa disease with a novel heterozygous mutation in exon 5 of the GCH-1 gene (E183K). <i>Brain and Development</i> , 2009 , 31, 173-5	2.2	4
42	In vitro effect of prednisolone on peripheral blood suppressor T cell activity in patients with alcoholic hepatitis. <i>Clinical Immunology and Immunopathology</i> , 1989 , 53, 225-32		4
41	A literature review of herpes simplex virus hepatitis in pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 33, 1774-1779	2	4
40	Practical use of C1 esterase inhibitor concentrate for clinical amniotic fluid embolism. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018 , 44, 1995-1998	1.9	3
39	Amniotic Fluid Natriuretic Peptide Levels in Fetuses With Congenital Heart Defects or Arrhythmias. <i>Circulation Journal</i> , 2018 , 82, 2619-2626	2.9	3
38	Genetic heterogeneity in blast crisis of chronic myelocytic leukemia. <i>Leukemia Research</i> , 1990 , 14, 195-201		3
37	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> , 1988 , 48, 371-9		3
36	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> , 2020 , 319, R551-R559	3.2	3
35	The validity of the subsequent pregnancy index score for fertility-sparing trachelectomy in early-stage cervical cancer. <i>Fertility and Sterility</i> , 2021 , 115, 1250-1258	4.8	3
34	Cutaneous endometrial cancer arising from heterotopic endometriosis in an abdominal caesarean section scar. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016 , 30, 683-5	4.6	3
33	Safety trial of tadalafil administered for the treatment of preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 33, 167-170	2	3
32	Antenatal Indomethacin Treatment for Congenital Myotonic Dystrophy. <i>Case Reports in Obstetrics and Gynecology</i> , 2019 , 2019, 4290145	0.8	2
31	Cardiovascular profile and biophysical profile scores predict short-term prognosis in infants with congenital heart defect. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019 , 45, 1268-1276	1.9	2
30	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> , 2020 , 319, R653-R665	3.2	2
29	Adverse effect of chronic tonsillitis on clinical course of sarcoidosis. <i>Sarcoidosis</i> , 1991 , 8, 120-4		2
28	The Perinatal Condition Around Birth and Cardiovascular Risk Factors in the Japanese General Population: The Suita Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020 , 27, 204-214	4	2

27	Transient effects of forebrain ischemia on fetal heart rate variability in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R916-R924	3.2	2
26	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	2	2
25	A case of external iliac artery injury during total laparoscopic radical hysterectomy managed laparoscopically. <i>Japanese Journal of Gynecologic and Obstetric Endoscopy</i> , 2016 , 32, 271-275	0	1
24	Novel findings of fetal ectopic atrial tachycardia by cardiotocography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 46, 629-30	5.8	1
23	Ultrashort-time FISH for identification of the sex of peripheral-blood lymphocytes and preimplantation embryos. <i>Journal of Obstetrics and Gynaecology Research</i> , 1998 , 24, 167-71		1
22	In vitro effect of corticosteroid on immunoregulatory functions in primary biliary cirrhosis. <i>Clinical Immunology and Immunopathology</i> , 1989 , 53, 192-201		1
21	Fetal heart rate variability is a biomarker of rapid but not progressive exacerbation of inflammation in preterm fetal sheep.. <i>Scientific Reports</i> , 2022 , 12, 1771	4.9	1
20	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> , 2020 , 319, R345-R346	3.2	1
19	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,	3.1	1
18	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> , 2021 ,	2.2	1
17	Decreased fetal heart rate variability and maternal combined dose of sodium valproate and phenytoin. <i>International Journal of Gynecology and Obstetrics</i> , 2022 , 156, 177-178	4	1
16	Trends in the Prevalence and Progression of Diabetic Retinopathy Associated with Hyperglycemic Disorders during Pregnancy in Japan.. <i>Journal of Clinical Medicine</i> , 2021 , 11,	5.1	1
15	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> , 2019 , 45, 2302	1.9	0
14	Stroke during pregnancy and puerperium among Japanese women: a single-center registry. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 2957-2964	2	0
13	Laparoscopic repair of segmental obturator nerve injury defect using an artificial nerve conduit: A case report. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021 , 47, 4118-4121	1.9	0
12	Fetal paroxysmal atrial fibrillation during transplacental therapy for supraventricular tachycardia. <i>HeartRhythm Case Reports</i> , 2019 , 5, 22-24	1	0
11	Intrapartum cardiotocogram monitoring between obstetricians and computer analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 787-793	2	0
10	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	2	0

- 9 Intrauterine fetal death during COVID -19 pregnancy: Typical fetal heart rate changes, coagulopathy, and placentitis. *Journal of Obstetrics and Gynaecology Research*, 0
- 8 Relationship between thin physique at 6 years and metabolic disease risks in middle-aged Japanese women: The Suita study. *Journal of Obstetrics and Gynaecology Research*, **2020**, 46, 517-526 1.9
- 7 Response to "Letter on Management of pregnancy complicated with intracranial arteriovenous malformation". *Journal of Obstetrics and Gynaecology Research*, **2018**, 44, 1335 1.9
- 6 Chronic blockade of vasopressin type1a receptor and/or type2 receptor improves both cardiac and renal damage and dysfunction in hypertensive rats. *European Heart Journal*, **2013**, 34, P3312-P3312 9.5
- 5 Development of methods for prevention and treatment of hypertension disorder of pregnancy. *Hypertension Research in Pregnancy*, **2018**, 6, 40-40 0.7
- 4 Maternal administration of tadalafil improves fetal ventricular systolic function in a Hey2 knockout mouse model of fetal heart failure. *International Journal of Cardiology*, **2020**, 302, 110-116 3.2
- 3 Reply to the "Letter to the Editor: measurement of fetal parasympathetic activity during labor: a new pathway for evaluation of fetal well-being?". *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R469-R470 3.2
- 2 Response to deceleration area and deceleration capacity: promising predictors of fetal acidemia in human labour? Visual versus computerised cardiotocography. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2021**, 128, 2055-2056 3.7
- 1 Placental growth factor level is correlated with intrapartum fetal heart rate findings.. *BMC Pregnancy and Childbirth*, **2022**, 22, 215 3.2