

Kiyomi Tsukimori

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112
papers

1,958
citations

24
h-index

37
g-index

114
ext. papers

2,147
ext. citations

3.6
avg, IF

3.87
L-index

#	Paper	IF	Citations
112	Human placental transport of vinblastine, vincristine, digoxin and progesterone: contribution of P-glycoprotein. <i>European Journal of Pharmacology</i> , 2000 , 408, 1-10	5.3	116
111	Basal membrane localization of MRP1 in human placental trophoblast. <i>Placenta</i> , 2003 , 24, 951-8	3.4	104
110	Functional analysis of organic cation transporter 3 expressed in human placenta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 888-95	4.7	91
109	Generation of reactive oxygen species by neutrophils and endothelial cell injury in normal and preeclamptic pregnancies. <i>Hypertension</i> , 2005 , 46, 696-700	8.5	67
108	Long-term effects of polychlorinated biphenyls and dioxins on pregnancy outcomes in women affected by the Yusho incident. <i>Environmental Health Perspectives</i> , 2008 , 116, 626-30	8.4	60
107	H(+)-linked transport of salicylic acid, an NSAID, in the human trophoblast cell line BeWo. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 282, C1064-75	5.4	60
106	Venous distensibility during pregnancy. Comparisons between normal pregnancy and preeclampsia. <i>Hypertension</i> , 1994 , 24, 461-6	8.5	56
105	Short-term and long-term outcomes of 214 cases of non-immune hydrops fetalis. <i>Early Human Development</i> , 2011 , 87, 571-5	2.2	49
104	Maternal exposure to high levels of dioxins in relation to birth weight in women affected by Yusho disease. <i>Environment International</i> , 2012 , 38, 79-86	12.9	44
103	Serum uric acid levels correlate with plasma hydrogen peroxide and protein carbonyl levels in preeclampsia. <i>American Journal of Hypertension</i> , 2008 , 21, 1343-6	2.3	42
102	Tumor necrosis factor and vascular endothelial growth factor induce endothelial integrin repertoires, regulating endovascular differentiation and apoptosis in a human extravillous trophoblast cell line. <i>Biology of Reproduction</i> , 2005 , 73, 172-9	3.9	41
101	Outcome of fetal cystic hygroma and experience of intrauterine treatment. <i>Fetal Diagnosis and Therapy</i> , 2001 , 16, 105-10	2.4	38
100	Yusho and its latest findings-A review in studies conducted by the Yusho Group. <i>Environment International</i> , 2015 , 82, 41-8	12.9	34
99	Kinetic analysis of P-glycoprotein-mediated transport by using normal human placental brush-border membrane vesicles. <i>Pharmaceutical Research</i> , 2003 , 20, 38-44	4.5	34
98	Inhibition of nitric oxide synthetase at mid-gestation in rats is associated with increases in arterial pressure, serum tumor necrosis factor-alpha, and placental apoptosis. <i>American Journal of Hypertension</i> , 2008 , 21, 477-81	2.3	32
97	Improvement in the outcome of patients with antenatally diagnosed congenital diaphragmatic hernia using gentle ventilation and circulatory stabilization. <i>Pediatric Surgery International</i> , 2009 , 25, 487-92	2.1	31
96	Interferon-alpha therapy for chronic myelogenous leukemia during pregnancy. <i>American Journal of Hematology</i> , 1998 , 59, 101-2	7.1	31

95	Hypoxia inducible factor 1 alpha regulates matrigel-induced endovascular differentiation under normoxia in a human extravillous trophoblast cell line. <i>Placenta</i> , 2008 , 29, 324-31	3.4	31
94	Fetal germinal matrix and intraventricular haemorrhage diagnosed by MRI. <i>Neuroradiology</i> , 2001 , 43, 68-72	3.2	30
93	Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: association with fetal Yusho disease. <i>Chemosphere</i> , 2013 , 90, 1581-8	8.4	28
92	TNFalpha-induced apoptosis and integrin switching in human extravillous trophoblast cell line. <i>Biology of Reproduction</i> , 2003 , 68, 1771-8	3.9	28
91	Characterization of placental transfer of polychlorinated dibenzo-p-dioxins, dibenzofurans and polychlorinated biphenyls in normal pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2013 , 39, 83-90	1.9	27
90	The characterization of superoxide production of human neonatal neutrophil. <i>Early Human Development</i> , 2001 , 65, 11-9	2.2	26
89	Restoration of dioxin-induced damage to fetal steroidogenesis and gonadotropin formation by maternal co-treatment with Elipoic acid. <i>PLoS ONE</i> , 2012 , 7, e40322	3.7	25
88	Prenatal sonographic findings and hematological abnormalities in fetuses with transient abnormal myelopoiesis with Down syndrome. <i>Prenatal Diagnosis</i> , 2007 , 27, 507-11	3.2	23
87	Fetal germinal matrix and intraventricular hemorrhage. <i>Pediatric Neurosurgery</i> , 2006 , 42, 354-61	0.9	23
86	Outcome and treatment in an antenatally diagnosed congenital cystic adenomatoid malformation of the lung. <i>Pediatric Surgery International</i> , 2009 , 25, 753-7	2.1	22
85	B-cell lymphoma during pregnancy associated with hemophagocytic syndrome and placental involvement. <i>Clinical Lymphoma and Myeloma</i> , 2007 , 7, 486-90		22
84	Difference in neutrophil superoxide generation during pregnancy between preeclampsia and essential hypertension. <i>Hypertension</i> , 2007 , 49, 1436-41	8.5	22
83	Neutrophil-derived reactive oxygen species can modulate neutrophil adhesion to endothelial cells in preeclampsia. <i>American Journal of Hypertension</i> , 2008 , 21, 587-91	2.3	21
82	Prognosis and long-term neurodevelopmental outcome in conservatively treated twin-to-twin transfusion syndrome. <i>BMC Pregnancy and Childbirth</i> , 2011 , 11, 32	3.2	20
81	Correlation between the presence of liver herniation and perinatal outcome in prenatally diagnosed fetal omphalocele. <i>Journal of Perinatal Medicine</i> , 2009 , 37, 66-71	2.7	20
80	Reversible posterior encephalopathy syndrome followed by MR angiography-documented cerebral vasospasm in preeclampsia-eclampsia: report of 2 cases. <i>Cerebrovascular Diseases</i> , 2008 , 25, 377-80	3.2	20
79	Proton gradient-dependent transport of valproic acid in human placental brush-border membrane vesicles. <i>Pharmaceutical Research</i> , 2002 , 19, 154-61	4.5	20
78	Uptake mechanism of valproic acid in human placental choriocarcinoma cell line (BeWo). <i>European Journal of Pharmacology</i> , 2001 , 417, 169-76	5.3	19

77	Characteristics of L-lactic acid transport in basal membrane vesicles of human placental syncytiotrophoblast. <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 283, C822-30	5.4	18
76	Fetal stabilization for antenatally diagnosed diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 1999 , 34, 1652-7	2.6	18
75	Prenatal diagnosis of a retroperitoneal lymphangioma: a case and review. <i>Fetal Diagnosis and Therapy</i> , 2008 , 24, 177-81	2.4	17
74	Gene expression profiles by microarray analysis during matrigel-induced tube formation in a human extravillous trophoblast cell line: comparison with endothelial cells. <i>Placenta</i> , 2008 , 29, 898-904	3.4	16
73	Decreased maternal protein S activity is associated with fetal growth restriction. <i>Thrombosis Research</i> , 2008 , 123, 55-9	8.2	16
72	The lung-to-thorax transverse area ratio at term and near term correlates with survival in isolated congenital diaphragmatic hernia. <i>Journal of Ultrasound in Medicine</i> , 2008 , 27, 707-13	2.9	16
71	Increased inflammatory markers are associated with early periventricular leukomalacia. <i>Developmental Medicine and Child Neurology</i> , 2007 , 49, 587-90	3.3	16
70	Selenium-binding protein 1: its physiological function, dependence on aryl hydrocarbon receptors, and role in wasting syndrome by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3616-24	4	15
69	Prenatal findings in a case of massive fetomaternal hemorrhage associated with intraplacental choriocarcinoma. <i>Fetal Diagnosis and Therapy</i> , 2009 , 25, 158-62	2.4	15
68	Blood pressure measurements within the JNC7 pre-hypertensive range after 32 weeks of gestation are a risk factor for decreased fetal growth. <i>Hypertension Research</i> , 2012 , 35, 128-30	4.7	15
67	Spontaneous rupture of sacrococcygeal teratoma associated with acute fetal anemia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006 , 28, 720-2	5.8	15
66	Aryl hydrocarbon receptor SNP -130 C/T associates with dioxins susceptibility through regulating its receptor activity and downstream effectors including interleukin 24. <i>Toxicology Letters</i> , 2015 , 232, 384-92	4.4	14
65	MR prediction of postnatal outcomes in left-sided congenital diaphragmatic hernia using right lung signal intensity: comparison with that using right lung volume. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 112-20	5.6	14
64	Prenatal sonographic findings and biochemical assessment of amniotic fluid in a fetus with congenital chloride diarrhea. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 1805-7	2.9	14
63	Sudden fetal death associated with both duodenal atresia and umbilical cord ulcer: a case report and review. <i>American Journal of Perinatology</i> , 2006 , 23, 183-8	3.3	14
62	Prenatal evaluation and obstetrical management of fetuses at risk of developing lung hypoplasia. <i>Journal of Perinatal Medicine</i> , 1993 , 21, 355-61	2.7	14
61	A retrospective chart review of the perinatal period in 22 pregnancies of 16 women with Moyamoya disease. <i>Journal of Clinical Neuroscience</i> , 2012 , 19, 1358-62	2.2	13
60	Acute pancreatitis and cholecystitis associated with postpartum HELLP syndrome: a case and review. <i>Hypertension in Pregnancy</i> , 2007 , 26, 23-9	2	13

59	Critical Ebstein anomaly in a fetus successfully managed by elective preterm delivery and surgical intervention without delay after birth. <i>Pediatric Cardiology</i> , 2012 , 33, 343-6	2.1	12
58	Ultrasound evaluation of fetal brain dysfunction based on behavioral patterns. <i>Brain and Development</i> , 2013 , 35, 61-7	2.2	12
57	8-Hydroxy-2-deoxyguanosine staining in placenta is associated with maternal serum uric acid levels and gestational age at diagnosis in pre-eclampsia. <i>American Journal of Hypertension</i> , 2011 , 24, 829-34	2.3	12
56	Kinetic analysis of the transport of salicylic acid, a nonsteroidal anti-inflammatory drug, across human placenta. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 772-8	4	12
55	Transplacental pharmacokinetics of diclofenac in perfused human placenta. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 962-8	4	11
54	Head circumference and long-term outcome in small-for-gestational age infants. <i>Journal of Perinatal Medicine</i> , 2008 , 36, 341-7	2.7	11
53	Monochorionic twins in which at least one fetus has a congenital heart disease with or without twin-twin transfusion syndrome. <i>Journal of Perinatal Medicine</i> , 2007 , 35, 425-30	2.7	11
52	Malignant hemangiopericytoma of the omentum presenting as an ovarian tumor. <i>Gynecologic Oncology</i> , 1990 , 39, 208-13	4.9	11
51	Prediction and evaluation of fetal toxicity induced by NSAIDs using transplacental kinetic parameters obtained from human placental perfusion studies. <i>British Journal of Clinical Pharmacology</i> , 2012 , 73, 248-56	3.8	10
50	Comparison of the concentrations of polychlorinated biphenyls and dioxins in mothers affected by the Yusho incident and their children. <i>Chemosphere</i> , 2011 , 84, 928-35	8.4	10
49	Cardiac hypertrophy of one fetus and selective growth restriction of the other fetus in a monochorionic twin pregnancy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2010 , 36, 401-4	1.9	10
48	Complete mole coexistent with a twin fetus. <i>Journal of Obstetrics and Gynaecology Research</i> , 2006 , 32, 593-601		10
47	Current state of yusho and prospects for therapeutic strategies. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 16472-16480	5.1	10
46	Prenatal three-dimensional images of proximal focal femoral deficiency produced by helical computed tomography. <i>Fetal Diagnosis and Therapy</i> , 2009 , 25, 349-53	2.4	9
45	Intrapartum placement of an inferior vena cava filter for a woman with hereditary antithrombin III deficiency: its role in the prevention of fatal pulmonary embolism. <i>Journal of Obstetrics and Gynaecology Research</i> , 2008 , 34, 95-9		9
44	Spontaneous resolution of cystic hygroma and hydrops in a fetus with Noonan's syndrome. <i>Fetal Diagnosis and Therapy</i> , 2008 , 24, 499-502	2.4	9
43	Three-dimensional power Doppler sonography in the diagnosis of a cystic sacrococcygeal teratoma mimicking a meningomyelocele: A case report. <i>Journal of Clinical Ultrasound</i> , 2009 , 37, 410-3	1	8
42	Neutrophil function during pregnancy: is nitric oxide production correlated with superoxide production?. <i>American Journal of Reproductive Immunology</i> , 2006 , 55, 99-105	3.8	8

41	Diffusion-weighted images and vasogenic edema in eclampsia. <i>Obstetrics and Gynecology</i> , 1999 , 93, 821-3	3.9	8
40	2,3,4,7,8-Pentachlorodibenzofuran is far less potent than 2,3,7,8-tetrachlorodibenzo-p-dioxin in disrupting the pituitary-gonad axis of the rat fetus. <i>Toxicology and Applied Pharmacology</i> , 2014 , 281, 48-57	4.6	7
39	Ischemic ileal perforation in the donor of monochorionic twins complicated by twin-twin transfusion syndrome. <i>Fetal Diagnosis and Therapy</i> , 2009 , 26, 173-6	2.4	7
38	Prenatal diagnosis of trisomy 16 mosaicism manifested as pulmonary artery stenosis. <i>Journal of Clinical Ultrasound</i> , 2009 , 37, 107-11	1	7
37	Characteristics and perinatal course of prenatally diagnosed fetal abdominal wall defects managed in a tertiary center in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009 , 35, 40-7		7
36	Rapid growing cystic variant of choroid plexus papilloma in a fetal cerebral hemisphere. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 33, 116-8	5.8	7
35	Transplacental digitalization for nonimmune hydrops fetalis caused by isolated noncompaction of the ventricular myocardium. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 519-24	2.9	7
34	Pleural fluid/serum immunoglobulin ratio is a diagnostic marker for congenital chylothorax in utero. <i>Journal of Perinatal Medicine</i> , 2006 , 34, 313-7	2.7	7
33	Can we diagnose invasive cervical cancer during pregnancy as precise as in nonpregnant women?: maternal and perinatal outcome in pregnancies complicated with cervical cancers. <i>International Journal of Gynecological Cancer</i> , 2009 , 19, 1439-45	3.5	6
32	Prenatal sonographic diagnosis of a hiatal hernia in a fetus with asplenia syndrome. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 1257-61	2.9	6
31	IGF-related proteins at birth in a case of antenatally diagnosed Silver-Russell syndrome. <i>Pediatric Research</i> , 2002 , 51, 323-7	3.2	6
30	Sex ratio in two generations of the Yusho cohort. <i>Epidemiology</i> , 2012 , 23, 349-50	3.1	5
29	Preload index of the inferior vena cava as a possible predictive marker of hydropic changes in fetuses with Ebstein anomaly. <i>Journal of Ultrasound in Medicine</i> , 2009 , 28, 1369-74	2.9	5
28	Cytotoxic effects of soluble factor in preeclamptic sera on human trophoblasts. <i>American Journal of Reproductive Immunology</i> , 2001 , 46, 245-51	3.8	5
27	Prenatal sonographic appearance of truncus arteriosus on wide-band Doppler imaging. <i>Journal of Clinical Ultrasound</i> , 2009 , 37, 295-7	1	4
26	Effect of transient TCDD exposure on immortalized human trophoblast-derived cell lines. <i>Human and Experimental Toxicology</i> , 2012 , 31, 550-6	3.4	4
25	Abnormal fetal movements, micrognathia and pulmonary hypoplasia: a case report. Abnormal fetal movements. <i>BMC Pregnancy and Childbirth</i> , 2010 , 10, 46	3.2	4
24	Neutrophil Degranulation Activity in Preeclampsia. <i>Hypertension in Pregnancy</i> , 1997 , 16, 203-212	2	4

23	Interstitial pregnancy in a woman with congenital afibrinogenemia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2008 , 34, 914-8		4
22	Analysis of antenatal-onset cerebral palsy secondary to transient ischemia in utero using a national database in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2016 , 42, 1297-1303	1.9	4
21	The Vernix Caseosa is the Main Site of Dioxin Excretion in the Human Foetus. <i>Scientific Reports</i> , 2017 , 7, 739	4.9	3
20	Acute onset antenatal fetal neurological injury suspected prenatally based on abnormalities in antenatal testing: a case report. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2009 , 22, 1207-10	2	3
19	Neutropenia induced in a patient by treatment with ritodrine: in vitro evaluation of myeloid progenitor colony-forming cells. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 149-50	3.8	3
18	Fetal neck capillary hemangioma associated with Kasabach-Merritt syndrome. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 397-401	2.9	3
17	Grayscale and Doppler sonographic evaluation of response to in utero treatment of hydrops fetalis caused by extralobar pulmonary sequestration. <i>Journal of Clinical Ultrasound</i> , 2012 , 40, 51-6	1	2
16	Prenatal images of left hemitruncus in Tetralogy of Fallot with an absent pulmonary valve. <i>Pediatric Cardiology</i> , 2013 , 34, 1285-7	2.1	2
15	Brain injury of the survivor diagnosed at 18 weeks of gestation after intrauterine demise of the co-twin: a case report. <i>Fetal Diagnosis and Therapy</i> , 2008 , 23, 146-8	2.4	2
14	The influence of thermal environment on pulmonary hemodynamic acclimation to extrauterine life in normal full-term neonates. <i>Journal of Perinatal Medicine</i> , 2007 , 35, 236-40	2.7	2
13	Regional difference of endothelium-dependent contractility in human umbilical artery. <i>Journal of Perinatal Medicine</i> , 2005 , 33, 534-8	2.7	2
12	Prenatal diagnosis of coarctation of the aorta using 4-dimensional fetal echocardiography with power Doppler imaging and spatiotemporal image correlation. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 719-21	2.9	2
11	A rare association of left pulmonary artery sling with right pulmonary hypoplasia and total anomalous pulmonary venous connection. <i>Cardiology in the Young</i> , 2019 , 29, 538-540	1	1
10	Response to: Correspondence to the Editor Re: Maternal exposure to high levels of dioxins in relation to birth weight in women affected by Yusho disease. <i>Environment International</i> , 2015 , 74, 305	12.9	1
9	Prenatal ultrasonographic diagnosis of Uhl anomaly. <i>Case Reports in Perinatal Medicine</i> , 2015 , 4,	0.6	1
8	Prenatal Diagnosis of Criss-Cross Heart Using 4-Dimensional Color Doppler Rendering. <i>Pediatric Cardiology</i> , 2019 , 40, 237-239	2.1	1
7	Prenatal Sonographic Image of Sirenomelia with Anencephaly and Craniorachischisis Totalis. <i>Case Reports in Obstetrics and Gynecology</i> , 2018 , 2018, 7058253	0.8	1
6	Response to: Letter to the Editor: Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: Association with fetal Yusho disease. <i>Chemosphere</i> , 2015 , 133, 105	8.4	

- 5 Aortic regurgitation associated with critical aortic stenosis in a fetus. *Pediatric Cardiology*, **2013**, 34, 1020-3
- 4 The Phenotypic and Metabolic Characteristics of Neutrophils in Normal Pregnancy and Preeclampsia. *Current Immunology Reviews*, **2009**, 5, 243-248 13
- 3 Circadian Variations of Plasma Colloid Osmotic Pressure During the Third Trimester in Normal and Preeclamptic Pregnancies. *Clinical and Experimental Hypertension Part B, Hypertension in Pregnancy*, **1989**, 8, 331-342
- 2 Trans Fatty Acid and Conjugated Linoleic Acid Content in Human Milk **2000**, 49, 157-161,182
- 1 Transport mechanism of organic anion drug across the blood-placental barrier. *Drug Metabolism and Pharmacokinetics*, **1999**, 14, 104-105