

Kiyomi Tsukimori

List of Publications by Year in descending order

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114
papers

2,349
citations

218677
26
h-index

276875
41
g-index

114
all docs

114
docs citations

114
times ranked

2616
citing authors

#	ARTICLE	IF	CITATIONS
1	Human placental transport of vinblastine, vincristine, digoxin and progesterone: contribution of P-glycoprotein. <i>European Journal of Pharmacology</i> , 2000, 408, 1-10.	3.5	128
2	Basal Membrane Localization of MRP1 in Human Placental Trophoblast. <i>Placenta</i> , 2003, 24, 951-958.	1.5	113
3	Functional Analysis of Organic Cation Transporter 3 Expressed in Human Placenta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 888-895.	2.5	107
4	Generation of Reactive Oxygen Species by Neutrophils and Endothelial Cell Injury in Normal and Preeclamptic Pregnancies. <i>Hypertension</i> , 2005, 46, 696-700.	2.7	74
5	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, 626-630.	6.0	72
6	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-C1075.	4.6	64
7	Venous distensibility during pregnancy. Comparisons between normal pregnancy and preeclampsia.. <i>Hypertension</i> , 1994, 24, 461-466.	2.7	62
8	Short-term and long-term outcomes of 214 cases of non-immune hydrops fetalis. <i>Early Human Development</i> , 2011, 87, 571-575.	1.8	61
9	Tumor Necrosis Factor and Vascular Endothelial Growth Factor Induce Endothelial Integrin Repertoires, Regulating Endovascular Differentiation and Apoptosis in a Human Extravillous Trophoblast Cell Line1. <i>Biology of Reproduction</i> , 2005, 73, 172-179.	2.7	54
10	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.	10.0	51
11	Serum Uric Acid Levels Correlate With Plasma Hydrogen Peroxide and Protein Carbonyl Levels in Preeclampsia. <i>American Journal of Hypertension</i> , 2008, 21, 1343-1346.	2.0	50
12	Outcome of Fetal Cystic Hygroma and Experience of Intrauterine Treatment. <i>Fetal Diagnosis and Therapy</i> , 2001, 16, 105-110.	1.4	46
13	Yusho and its latest findingsâ€”A review in studies conducted by the Yusho Group. <i>Environment International</i> , 2015, 82, 41-48.	10.0	42
14	Kinetic analysis of P-glycoprotein-mediated transport by using normal human placental brush-border membrane vesicles. <i>Pharmaceutical Research</i> , 2003, 20, 38-44.	3.5	38
15	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, 487-492.	1.4	38
16	Interferon-alpha therapy for chronic myelogenous leukemia during pregnancy. , 1998, 59, 101-102.		37
17	Restoration of Dioxin-Induced Damage to Fetal Steroidogenesis and Gonadotropin Formation by Maternal Co-Treatment with Î±-Lipoic Acid. <i>PLoS ONE</i> , 2012, 7, e40322.	2.5	35
18	Inhibition of Nitric Oxide Synthetase at Mid-gestation in Rats is Associated With Increases in Arterial Pressure, Serum Tumor Necrosis Factor-Î±, and Placental Apoptosis. <i>American Journal of Hypertension</i> , 2008, 21, 477-481.	2.0	34

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19	Fetal germinal matrix and intraventricular haemorrhage diagnosed by MRI. <i>Neuroradiology</i> , 2001, 43, 68-72.	2.2	33
20	TNF α -Induced Apoptosis and Integrin Switching in Human Extravillous Trophoblast Cell Line1. <i>Biology of Reproduction</i> , 2003, 68, 1771-1778.	2.7	33
21	Hypoxia Inducible Factor 1 Alpha Regulates Matrigel-induced Endovascular Differentiation under Normoxia in a Human Extravillous Trophoblast Cell Line. <i>Placenta</i> , 2008, 29, 324-331.	1.5	33
22	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.	1.3	33
23	Blood levels of PCDDs, PCDFs, and coplanar PCBs in Yusho mothers and their descendants: Association with fetal Yusho disease. <i>Chemosphere</i> , 2013, 90, 1581-1588.	8.2	30
24	The characterization of superoxide production of human neonatal neutrophil. <i>Early Human Development</i> , 2001, 65, 11-19.	1.8	29
25	Fetal Germinal Matrix and Intraventricular Hemorrhage. <i>Pediatric Neurosurgery</i> , 2006, 42, 354-361.	0.7	29
26	Prenatal sonographic findings and hematological abnormalities in fetuses with transient abnormal myelopoiesis with Down syndrome. <i>Prenatal Diagnosis</i> , 2007, 27, 507-511.	2.3	29
27	B-Cell Lymphoma During Pregnancy Associated with Hemophagocytic Syndrome and Placental Involvement. <i>Clinical Lymphoma and Myeloma</i> , 2007, 7, 486-490.	1.4	28
28	Proton gradient-dependent transport of valproic acid in human placental brush-border membrane vesicles. <i>Pharmaceutical Research</i> , 2002, 19, 154-161.	3.5	26
29	Difference in Neutrophil Superoxide Generation During Pregnancy Between Preeclampsia and Essential Hypertension. <i>Hypertension</i> , 2007, 49, 1436-1441.	2.7	26
30	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-C830.	4.6	25
31	Outcome and treatment in an antenatally diagnosed congenital cystic adenomatoid malformation of the lung. <i>Pediatric Surgery International</i> , 2009, 25, 753-757.	1.4	25
32	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.	1.4	24
33	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, 707-713.	1.7	23
34	Fetal stabilization for antenatally diagnosed diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 1999, 34, 1652-1657.	1.6	22
35	Neutrophil-derived Reactive Oxygen Species Can Modulate Neutrophil Adhesion to Endothelial Cells in Preeclampsia. <i>American Journal of Hypertension</i> , 2008, 21, 587-591.	2.0	22
36	Prenatal Diagnosis of a Retroperitoneal Lymphangioma: A Case and Review. <i>Fetal Diagnosis and Therapy</i> , 2008, 24, 177-181.	1.4	22

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37	Prognosis and long-term neurodevelopmental outcome in conservatively treated twin-to-twin transfusion syndrome. <i>BMC Pregnancy and Childbirth</i> , 2011, 11, 32.	2.4	22
38	Uptake mechanism of valproic acid in human placental choriocarcinoma cell line (BeWo). <i>European Journal of Pharmacology</i> , 2001, 417, 169-176.	3.5	21
39	Reversible Posterior Encephalopathy Syndrome Followed by MR Angiography-Documented Cerebral Vasospasm in Preeclampsia-Eclampsia: Report of 2 Cases. <i>Cerebrovascular Diseases</i> , 2008, 25, 377-380.	1.7	21
40	Prenatal evaluation and obstetrical management of fetuses at risk of developing lung hypoplasia. <i>Journal of Perinatal Medicine</i> , 1993, 21, 355-361.	1.4	19
41	Spontaneous rupture of sacrococcygeal teratoma associated with acute fetal anemia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2006, 28, 720-722.	1.7	19
42	Increased inflammatory markers are associated with early periventricular leukomalacia. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 587-590.	2.1	19
43	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.	1.5	19
44	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, 1358-1362.	1.5	19
45	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, 384-392.	0.8	19
46	Acute Pancreatitis and Cholecystitis Associated with Postpartum HELLP Syndrome: A Case and Review. <i>Hypertension in Pregnancy</i> , 2007, 26, 23-29.	1.1	18
47	Prenatal Findings in a Case of Massive Fetomaternal Hemorrhage Associated with Intraplacental Choriocarcinoma. <i>Fetal Diagnosis and Therapy</i> , 2009, 25, 158-162.	1.4	18
48	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, 112-120.	3.4	18
49	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, 183-188.	1.4	17
50	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, 1805-1807.	1.7	17
51	Decreased maternal protein S activity is associated with fetal growth restriction. <i>Thrombosis Research</i> , 2008, 123, 55-59.	1.7	16
52	Head circumference and long-term outcome in small-for-gestational age infants. <i>Journal of Perinatal Medicine</i> , 2008, 36, 341-7.	1.4	16
53	Transplacental Pharmacokinetics of Diclofenac in Perfused Human Placenta. <i>Drug Metabolism and Disposition</i> , 2009, 37, 962-968.	3.3	16
54	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, 829-834.	2.0	16

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55	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, 128-130.	2.7	16
56	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, 248-256.	2.4	16
57	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, 3616-3624.	2.4	16
58	Kinetic Analysis of the Transport of Salicylic Acid, a Nonsteroidal Anti-inflammatory Drug, across Human Placenta. <i>Drug Metabolism and Disposition</i> , 2007, 35, 772-778.	3.3	15
59	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, 40-47.	1.3	14
60	Comparison of the concentrations of polychlorinated biphenyls and dioxins in mothers affected by the Yusho incident and their children. <i>Chemosphere</i> , 2011, 84, 928-935.	8.2	14
61	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, 343-346.	1.3	14
62	Ultrasound evaluation of fetal brain dysfunction based on behavioral patterns. <i>Brain and Development</i> , 2013, 35, 61-67.	1.1	14
63	Malignant hemangiopericytoma of the omentum presenting as an ovarian tumor. <i>Gynecologic Oncology</i> , 1990, 39, 208-213.	1.4	13
64	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.	1.4	13
65	Current state of yusho and prospects for therapeutic strategies. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16472-16480.	5.3	13
66	Complete mole coexistent with a twin fetus. <i>Journal of Obstetrics and Gynaecology Research</i> , 2006, 32, 593-601.	1.3	12
67	Spontaneous Resolution of Cystic Hygroma and Hydrops in a Fetus with Noonan's Syndrome. <i>Fetal Diagnosis and Therapy</i> , 2008, 24, 499-502.	1.4	12
68	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, 401-404.	1.3	12
69	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, 95-99.	1.3	11
70	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, 410-413.	0.8	11
71	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.	2.8	11
72	Aryl Hydrocarbon Receptor and Dioxin-Related Health Hazards—Lessons from Yusho. <i>International Journal of Molecular Sciences</i> , 2021, 22, 708.	4.1	11

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73	Diffusion-weighted images and vasogenic edema in eclampsia1. <i>Obstetrics and Gynecology</i> , 1999, 93, 821-823.	2.4	10
74	Neutrophil Function During Pregnancy: Is Nitric Oxide Production Correlated with Superoxide Production?. <i>American Journal of Reproductive Immunology</i> , 2006, 55, 99-105.	1.2	10
75	Can We Diagnose Invasive Cervical Cancer During Pregnancy as Precise as in Nonpregnant Women?. <i>International Journal of Gynecological Cancer</i> , 2009, 19, 1439-1445.	2.5	10
76	Prenatal Three-Dimensional Images of Proximal Focal Femoral Deficiency Produced by Helical Computed Tomography. <i>Fetal Diagnosis and Therapy</i> , 2009, 25, 349-353.	1.4	9
77	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, 1369-1374.	1.7	9
78	Prenatal diagnosis of trisomy 16 mosaicism manifested as pulmonary artery stenosis. <i>Journal of Clinical Ultrasound</i> , 2009, 37, 107-111.	0.8	8
79	Rapid growing cystic variant of choroid plexus papilloma in a fetal cerebral hemisphere. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 33, 116-118.	1.7	8
80	Cytotoxic Effects of Soluble Factor in Preeclamptic Sera on Human Trophoblasts. <i>American Journal of Reproductive Immunology</i> , 2001, 46, 245-251.	1.2	7
81	IGF-Related Proteins at Birth in a Case of Antenatally Diagnosed Silver-Russell Syndrome. <i>Pediatric Research</i> , 2002, 51, 323-327.	2.3	7
82	Pleural fluid/serum immunoglobulin ratio is a diagnostic marker for congenital chylothorax in utero. <i>Journal of Perinatal Medicine</i> , 2006, 34, 313-7.	1.4	7
83	Prenatal Sonographic Diagnosis of a Hiatal Hernia in a Fetus With Asplenia Syndrome. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 1257-1261.	1.7	7
84	Transplacental Digitalization for Nonimmune Hydrops Fetalis Caused by Isolated Noncompaction of the Ventricular Myocardium. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 519-524.	1.7	7
85	Ischemic Ileal Perforation in the Donor of Monochorionic Twins Complicated by Twin-Twin Transfusion Syndrome. <i>Fetal Diagnosis and Therapy</i> , 2009, 26, 173-176.	1.4	7
86	Neutrophil Degranulation Activity in Preeclampsia. <i>Hypertension in Pregnancy</i> , 1997, 16, 203-212.	1.1	6
87	Sex Ratio in Two Generations of the Yusho Cohort. <i>Epidemiology</i> , 2012, 23, 349-350.	2.7	6
88	Neutropenia induced in a patient by treatment with ritodrine:in vitroevaluation of myeloid progenitor colony-forming cells. <i>British Journal of Clinical Pharmacology</i> , 2008, 65, 149-150.	2.4	5
89	Prenatal sonographic appearance of truncus arteriosus on wide-band Doppler imaging. <i>Journal of Clinical Ultrasound</i> , 2009, 37, 295-297.	0.8	5
90	Analysis of antenatalonset cerebral palsy secondary to transient ischemia <i>in utero</i> using a national database in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2016, 42, 1297-1303.	1.3	5

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91	The Vernix Caseosa is the Main Site of Dioxin Excretion in the Human Foetus. Scientific Reports, 2017, 7, 739.	3.3	5
92	The influence of thermal environment on pulmonary hemodynamic acclimation to extrauterine life in normal full-term neonates. Journal of Perinatal Medicine, 2007, 35, 236-40.	1.4	4
93	Fetal Neck Capillary Hemangioma Associated With Kasabach-Merritt Syndrome. Journal of Ultrasound in Medicine, 2007, 26, 397-401.	1.7	4
94	Interstitial pregnancy in a woman with congenital afibrinogenemia. Journal of Obstetrics and Gynaecology Research, 2008, 34, 914-918.	1.3	4
95	Abnormal fetal movements, micrognathia and pulmonary hypoplasia: a case report. Abnormal fetal movements. BMC Pregnancy and Childbirth, 2010, 10, 46.	2.4	4
96	Effect of transient TCDD exposure on immortalized human trophoblast-derived cell lines. Human and Experimental Toxicology, 2012, 31, 550-556.	2.2	4
97	Prenatal Diagnosis of Criss-Cross Heart Using 4-Dimensional Color Doppler Rendering. Pediatric Cardiology, 2019, 40, 237-239.	1.3	4
98	Brain Injury of the Survivor Diagnosed at 18 Weeks of Gestation after Intrauterine Demise of the Co-Twin: A Case Report. Fetal Diagnosis and Therapy, 2008, 23, 146-148.	1.4	3
99	Acute onset antenatal fetal neurological injury suspected prenatally based on abnormalities in antenatal testing: A case report. Journal of Maternal-Fetal and Neonatal Medicine, 2009, 22, 1207-1210.	1.5	3
100	Regional difference of endothelium-dependent contractility in human umbilical artery. Journal of Perinatal Medicine, 2005, 33, 534-8.	1.4	2
101	Grayscale and Doppler sonographic evaluation of response to in utero treatment of hydrops fetalis caused by extralobar pulmonary sequestration. Journal of Clinical Ultrasound, 2012, 40, 51-56.	0.8	2
102	Prenatal Images of Left Hemitruncus in Tetralogy of Fallot With an Absent Pulmonary Valve. Pediatric Cardiology, 2013, 34, 1285-1287.	1.3	2
103	Prenatal ultrasonographic diagnosis of Uhl anomaly. Case Reports in Perinatal Medicine, 2015, 4, .	0.1	2
104	Prenatal Sonographic Image of Sirenomelia with Anencephaly and Craniorachischisis Totalis. Case Reports in Obstetrics and Gynecology, 2018, 2018, 1-5.	0.3	2
105	A rare association of left pulmonary artery sling with right pulmonary hypoplasia and total anomalous pulmonary venous connection. Cardiology in the Young, 2019, 29, 538-540.	0.8	2
106	Prenatal Diagnosis of Coarctation of the Aorta Using 4-Dimensional Fetal Echocardiography With Power Doppler Imaging and Spatiotemporal Image Correlation. Journal of Ultrasound in Medicine, 2013, 32, 719-721.	1.7	2
107	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. Environment International, 2015, 74, 305.	10.0	1
108	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.	0.2	0

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109	Response to Preeclamptic Superoxide-Anion Production: Is There an Increase or a Failure of Reduction?. Hypertension, 2007, 50, .	2.7	0
110	The Phenotypic and Metabolic Characteristics of Neutrophils in Normal Pregnancy and Preeclampsia. Current Immunology Reviews, 2009, 5, 243-248.	1.2	0
111	Aortic Regurgitation Associated With Critical Aortic Stenosis in a Fetus. Pediatric Cardiology, 2013, 34, 1020-1023.	1.3	0
112	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. Chemosphere, 2015, 133, 105.	8.2	0
113	Trans Fatty Acid and Conjugated Linoleic Acid Content in Human Milk. Journal of Japan Oil Chemists' Society, 2000, 49, 157-161,182.	0.3	0
114	Transport mechanism of organic anion drug across the blood-placental barrier. Drug Metabolism and Pharmacokinetics, 1999, 14, 104-105.	0.0	0