

Juha Räsänen

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,183
citations

566801

15
h-index

377514

34
g-index

42
all docs

42
docs citations

42
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Pulmonary Circulation in the Distribution of Human Fetal Cardiac Output During the Second Half of Pregnancy. <i>Circulation</i> , 1996, 94, 1068-1073.	1.6	287
2	Reactivity of the Human Fetal Pulmonary Circulation to Maternal Hyperoxygenation Increases During the Second Half of Pregnancy. <i>Circulation</i> , 1998, 97, 257-262.	1.6	196
3	Ultrasonographic and Biochemical Markers of Human Fetal Cardiac Dysfunction in Placental Insufficiency. <i>Circulation</i> , 2002, 105, 2058-2063.	1.6	126
4	Relationships among Doppler-derived umbilical artery absolute velocities, cardiac function, and placental volume blood flow and resistance in fetal sheep. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1266-H1272.	1.5	67
5	Comprehensive Maternal Serum Proteomic Profiles of Preclinical and Clinical Preeclampsia. <i>Journal of Proteome Research</i> , 2010, 9, 4274-4281.	1.8	65
6	Hemodynamic aspects of normal human fetoplacental (umbilical) circulation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 672-682.	1.3	52
7	Maternal serum glycosylated fibronectin as a point-of-care biomarker for assessment of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 82.e1-82.e9.	0.7	34
8	Suboptimal neurodevelopment in very preterm infants is related to fetal cardiovascular compromise in placental insufficiency. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 414-420.	0.7	31
9	Maternal hyperglycemia leads to fetal cardiac hyperplasia and dysfunction in a rat model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E611-E619.	1.8	31
10	Species-Specific Differences in the <i>in Vitro</i> Metabolism of Lasiocarpine. <i>Chemical Research in Toxicology</i> , 2015, 28, 2034-2044.	1.7	26
11	Metabolic acidosis decreases fetal myocardial isovolumic velocities in a chronic sheep model of increased placental vascular resistance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H498-H504.	1.5	24
12	The Effects of Ritodrine Infusion on Fetal Myocardial Function and Fetal Hemodynamics. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1990, 69, 487-492.	1.3	23
13	Fentanyl Pharmacokinetics in Pregnant Sheep after Intravenous and Transdermal Administration to the Ewe. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 156-163.	1.2	23
14	Fetal hemodynamics and adverse outcome in primary school-aged children with fetal growth restriction: a prospective longitudinal study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 69-77.	1.3	18
15	Growth and Function of Human Fetal Heart in Normal, Hypertensive and Diabetic Pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1987, 66, 349-353.	1.3	15
16	Increased fetal cardiac natriuretic peptide secretion in type-1 diabetic pregnancies. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008, 87, 307-312.	1.3	15
17	Procalcitonin; a feasible biomarker for severe bacterial infections in Obstetrics and Gynecology?. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 505-506.	1.3	15
18	Congenital diaphragmatic hernia with heart defect has a high risk for hypoplastic left heart syndrome and major extra-cardiac malformations: 10-year national cohort from Finland. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 204-211.	1.3	15

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19	Fetal Ventricular Interactions and Wall Mechanics During Ductus Arteriosus Occlusion in a Sheep Model. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1020-1028.	0.7	10
20	Myocardial Performance and its Acute Response to Angiotensin II Infusion in Fetal Sheep Adapted to Chronic Anemia. <i>Reproductive Sciences</i> , 2012, 19, 173-180.	1.1	9
21	Effect of Hypoxemia with or without Increased Placental Vascular Resistance on Fetal Left and Right Ventricular Myocardial Performance Index in Chronically Instrumented Sheep. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2589-2598.	0.7	9
22	Fetal hemodynamics and language skills in primary school-aged children with fetal growth restriction: A longitudinal study. <i>Early Human Development</i> , 2019, 134, 34-40.	0.8	9
23	Placental structural abnormalities have detrimental hemodynamic consequences in a rat model of maternal hyperglycemia. <i>Placenta</i> , 2016, 44, 54-60.	0.7	8
24	Effect of Hypoxemia on Fetal Ventricular Deformation in a Chronically Instrumented Sheep Model. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 967-973.	0.7	8
25	Foetal Fentanyl Exposure and Ion Trapping after Intravenous and Transdermal Administration to the Ewe. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 195-198.	1.2	7
26	Oxycodone pharmacokinetics and fetal exposure after intravenous or epidural administration to the ewe. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1200-1205.	1.3	7
27	Perinatal and perioperative factors associated with mortality and an increased need for hospital care in infants with transposition of the great arteries: A nationwide 11-year population-based cohort. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 1728-1735.	1.3	6
28	Pharmacokinetics of buprenorphine in pregnant sheep after intravenous injection. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00726.	1.1	6
29	Fetal cardiac function after labetalol or pindolol for maternal hypertension in a sheep model of increased placental vascular resistance. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 166, 18-22.	0.5	5
30	Oxycodone concentrations in the central nervous system and cerebrospinal fluid after epidural administration to the pregnant ewe. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 430-438.	1.2	5
31	Effects of nifedipine and sildenafil on placental hemodynamics and gas exchange during fetal hypoxemia in a chronic sheep model. <i>Placenta</i> , 2020, 90, 103-108.	0.7	5
32	MATERNAL AND FETAL BUPRENORPHINE PHARMACOKINETICS IN PREGNANT SHEEP DURING TRANSDERMAL PATCH DOSING. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 165, 105936.	1.9	4
33	Fetal sheep central haemodynamics and cardiac function during occlusion of the ascending aorta. <i>Experimental Physiology</i> , 2018, 103, 58-67.	0.9	3
34	Effect of Sildenafil on Pulmonary Circulation and Cardiovascular Function in Near-Term Fetal Sheep During Hypoxemia. <i>Reproductive Sciences</i> , 2019, 26, 337-347.	1.1	3
35	Foramen ovale blood flow and cardiac function after main pulmonary artery occlusion in fetal sheep. <i>Experimental Physiology</i> , 2019, 104, 189-198.	0.9	3
36	Fetal cardiovascular hemodynamics in type 1 diabetic pregnancies at near-term gestation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 263-271.	1.3	3

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37	Peripheral chemoreflex activation and cardiac function during hypoxemia in near-term fetal sheep without placental compromise. <i>Journal of Applied Physiology</i> , 2021, 131, 1486-1495.	1.2	3
38	Accuracy of fetal echocardiography diagnosis and anticipated perinatal and early postnatal care in congenital heart disease in mid-gestation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 1112-1119.	1.3	3
39	Nifedipine disturbs fetal cardiac function during hypoxemia in a chronic sheep model at near term gestation. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 544.e1-544.e9.	0.7	2
40	Clinical trials in preeclampsia: implications for practice. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 1157-1158.	1.3	1
41	Antenatal hemodynamic findings and heart rate variability in early school-age children born with fetal growth restriction. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 2267-2273.	0.7	1
42	Response to "The role of procalcitonin in the diagnosis and management of infections in the field of obstetrics and gynecology". <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1407-1408.	1.3	0