

Erin V McGillick

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

642
citations

516561

16
h-index

610775

24
g-index

39
all docs

39
docs citations

39
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Antenatal Steroids and the IUGR Fetus: Are Exposure and Physiological Effects on the Lung and Cardiovascular System the Same as in Normally Grown Fetuses?. <i>Journal of Pregnancy</i> , 2012, 2012, 1-15.	1.1	58
2	Regulation of fetal lung development in response to maternal overnutrition. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 803-816.	0.9	39
3	The Effect of Initial High vs. Low FiO ₂ on Breathing Effort in Preterm Infants at Birth: A Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2019, 7, 504.	0.9	39
4	Intrafetal glucose infusion alters glucocorticoid signaling and reduces surfactant protein mRNA expression in the lung of the late-gestation sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R538-R545.	0.9	37
5	The fetal sheep lung does not respond to cortisol infusion during the late canalicular phase of development. <i>Physiological Reports</i> , 2013, 1, e00130.	0.7	32
6	Maternal obesity mediated predisposition to respiratory complications at birth and in later life: understanding the implications of the obesogenic intrauterine environment. <i>Paediatric Respiratory Reviews</i> , 2017, 21, 11-18.	1.2	31
7	Physiologically based cord clamping improves cardiopulmonary haemodynamics in lambs with a diaphragmatic hernia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 18-25.	1.4	30
8	Supporting breathing of preterm infants at birth: a narrative review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F102-F107.	1.4	28
9	Structural and molecular regulation of lung maturation by intratracheal vascular endothelial growth factor administration in the normally grown and placentally restricted fetus. <i>Journal of Physiology</i> , 2016, 594, 1399-1420.	1.3	26
10	Ex Vivo Dual Perfusion of the Human Placenta: Disease Simulation, Therapeutic Pharmacokinetics and Analysis of Off-Target Effects. <i>Methods in Molecular Biology</i> , 2018, 1710, 173-189.	0.4	26
11	Increased lung prolyl hydroxylase and decreased glucocorticoid receptor are related to decreased surfactant protein in the growth-restricted sheep fetus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L84-L97.	1.3	25
12	Increasing Respiratory Effort With 100% Oxygen During Resuscitation of Preterm Rabbits at Birth. <i>Frontiers in Pediatrics</i> , 2019, 7, 427.	0.9	23
13	Elevated airway liquid volumes at birth: a potential cause of transient tachypnea of the newborn. <i>Journal of Applied Physiology</i> , 2017, 123, 1204-1213.	1.2	22
14	Physiological effects of partial amniotic carbon dioxide insufflation with cold, dry vs heated, humidified gas in a sheep model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 340-347.	0.9	21
15	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 506-516.	0.9	18
16	Mature Surfactant Protein-B Expression by Immunohistochemistry as a Marker for Surfactant System Development in the Fetal Sheep Lung. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 866-878.	1.3	17
17	Regulation of lung maturation by prolyl hydroxylase domain inhibition in the lung of the normally grown and placentally restricted fetus in late gestation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1226-R1243.	0.9	17
18	Maternal chronic hypoxia increases expression of genes regulating lung liquid movement and surfactant maturation in male fetuses in late gestation. <i>Journal of Physiology</i> , 2017, 595, 4329-4350.	1.3	17

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19	Differential effects of late gestation maternal overnutrition on the regulation of surfactant maturation in fetal and postnatal life. <i>Journal of Physiology</i> , 2017, 595, 6635-6652.	1.3	16
20	Effect of spontaneous breathing on umbilical venous blood flow and placental transfusion during delayed cord clamping in preterm lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 26-32.	1.4	16
21	Chronic hypoxaemia as a molecular regulator of fetal lung development: implications for risk of respiratory complications at birth. <i>Paediatric Respiratory Reviews</i> , 2017, 21, 3-10.	1.2	15
22	Risk of Respiratory Distress Syndrome and Efficacy of Glucocorticoids: Are They the Same in the Normally Grown and Growth-Restricted Infant?. <i>Reproductive Sciences</i> , 2016, 23, 1459-1472.	1.1	14
23	Physiologic-Based Cord Clamping Maintains Core Temperature vs. Immediate Cord Clamping in Near-Term Lambs. <i>Frontiers in Pediatrics</i> , 2020, 8, 584983.	0.9	10
24	Normalisation of surfactant protein -A and -B expression in the lungs of low birth weight lambs by 21 days old. <i>PLoS ONE</i> , 2017, 12, e0181185.	1.1	8
25	Effect of lung hypoplasia on the cardiorespiratory transition in newborn lambs. <i>Journal of Applied Physiology</i> , 2019, 127, 568-578.	1.2	7
26	Improving Newborn Respiratory Outcomes With a Sustained Inflation: A Systematic Narrative Review of Factors Regulating Outcome in Animal and Clinical Studies. <i>Frontiers in Pediatrics</i> , 2020, 8, 516698.	0.9	7
27	High vs. Low Initial Oxygen to Improve the Breathing Effort of Preterm Infants at Birth: Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2019, 7, 179.	0.9	6
28	Improving lung aeration in ventilated newborn preterm rabbits with a partially aerated lung. <i>Journal of Applied Physiology</i> , 2020, 129, 891-900.	1.2	5
29	Efficacy of Intravenous, Endotracheal, or Nasal Adrenaline Administration During Resuscitation of Near-Term Asphyxiated Lambs. <i>Frontiers in Pediatrics</i> , 2020, 8, 262.	0.9	5
30	Molecular regulation of lung maturation in near-term fetal sheep by maternal daily vitamin C treatment in late gestation. <i>Pediatric Research</i> , 2022, 91, 828-838.	1.1	5
31	Effect of maternal oxytocin on umbilical venous and arterial blood flows during physiological-based cord clamping in preterm lambs. <i>PLoS ONE</i> , 2021, 16, e0253306.	1.1	5
32	Increased end-expiratory pressures improve lung function in near-term newborn rabbits with elevated airway liquid volume at birth. <i>Journal of Applied Physiology</i> , 2021, 131, 997-1008.	1.2	5
33	Seeing the fetus from a DOHaD perspective: discussion paper from the advanced imaging techniques of DOHaD applications workshop held at the 2019 DOHaD World Congress. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 153-167.	0.7	4
34	Higher CPAP levels improve functional residual capacity at birth in preterm rabbits. <i>Pediatric Research</i> , 2022, 91, 1686-1694.	1.1	4
35	992: Physiologically based cord clamping improves pulmonary hemodynamics during neonatal transition in lambs with diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S638-S639.	0.7	2
36	Evaluating Clinical Outcomes and Physiological Perspectives in Studies Investigating Respiratory Support for Babies Born at Term With or at Risk of Transient Tachypnea: A Narrative Review. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	2

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37	63: Effects of antenatal sildenafil on neonatal pulmonary hemodynamics in an ovine model of diaphragmatic hernia. American Journal of Obstetrics and Gynecology, 2019, 220, S50-S51.	0.7	0
38	DOHaD in the land down under: 11th World Congress 2019. Journal of Developmental Origins of Health and Disease, 2020, 11, 543-544.	0.7	0
39	Placental gas exchange during amniotic carbon dioxide insufflation in sheep. Ultrasound in Obstetrics and Gynecology, 2021, 57, 305-313.	0.9	0