Erin V Mcgillick

List of Publications by Year in Descending Order

35 papers	435 citations	14 h-index	19 g-index
39 ext. papers	554 ext. citations	3.5 avg, IF	3.65 L-index

#	Paper	IF	Citations
35	Effect of maternal oxytocin on umbilical venous and arterial blood flows during physiological-based cord clamping in preterm lambs. *PLoS ONE*, **2021**, 16, e0253306	3.7	2
34	Higher CPAP levels improve functional residual capacity at birth in preterm rabbits. *Pediatric Research*, **2021**,	3.2	2
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. *Journal of Developmental Origins of Health and Disease*, **2021**, 12, 153-167	2.4	2
32	Placental gas exchange during amniotic carbon dioxide insufflation in sheep. *Ultrasound in Obstetrics and Gynecology*, **2021**, 57, 305-313	5.8	
31	Increased end-expiratory pressures improve lung function in near-term newborn rabbits with elevated airway liquid volume at birth. *Journal of Applied Physiology*, **2021**, 131, 997-1008	3.7	0
30	Efficacy of Intravenous, Endotracheal, or Nasal Adrenaline Administration During Resuscitation of Near-Term Asphyxiated Lambs. *Frontiers in Pediatrics*, **2020**, 8, 262	3.4	2
29	Physiologic-Based Cord Clamping Maintains Core Temperature vs. Immediate Cord Clamping in Near-Term Lambs. *Frontiers in Pediatrics*, **2020**, 8, 584983	3.4	2
28	Improving Newborn Respiratory Outcomes With a Sustained Inflation: A Systematic Narrative Review of Factors Regulating Outcome in Animal and Clinical Studies. *Frontiers in Pediatrics*, **2020**, 8, 516698	3.4	1
27	Improving lung aeration in ventilated newborn preterm rabbits with a partially aerated lung. *Journal of Applied Physiology*, **2020**, 129, 891-900	3.7	1
26	Effect of spontaneous breathing on umbilical venous blood flow and placental transfusion during delayed cord clamping in preterm lambs. *Archives of Disease in Childhood: Fetal and Neonatal Edition* , **2020**, 105, 26-32	4.7	7
25	Physiologically based cord clamping improves cardiopulmonary haemodynamics in lambs with a diaphragmatic hernia. *Archives of Disease in Childhood: Fetal and Neonatal Edition*, **2020**, 105, 18-25	4.7	17
24	Effect of lung hypoplasia on the cardiorespiratory transition in newborn lambs. *Journal of Applied Physiology*, **2019**, 127, 568-578	3.7	2
23	Physiological effects of partial amniotic carbon dioxide insufflation with cold, dry vs heated, humidified gas in a sheep model. *Ultrasound in Obstetrics and Gynecology*, **2019**, 53, 340-347	5.8	14
22	992: Physiologically based cord clamping improves pulmonary hemodynamics during neonatal transition in lambs with diaphragmatic hernia. *American Journal of Obstetrics and Gynecology*, **2019**, 220, S638-S639	6.4	2
21	High vs. Low Initial Oxygen to Improve the Breathing Effort of Preterm Infants at Birth: Study Protocol for a Randomized Controlled Trial. *Frontiers in Pediatrics*, **2019**, 7, 179	3.4	3
20	Supporting breathing of preterm infants at birth: a narrative review. *Archives of Disease in Childhood: Fetal and Neonatal Edition*, **2019**, 104, F102-F107	4.7	19
19	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. *Ultrasound in Obstetrics and Gynecology*, **2019**, 54, 506-516	5.8	9

18	Increasing Respiratory Effort With 100% Oxygen During Resuscitation of Preterm Rabbits at Birth. *Frontiers in Pediatrics*, **2019**, 7, 427	3.4	13
17	The Effect of Initial High vs. Low FiO on Breathing Effort in Preterm Infants at Birth: A Randomized Controlled Trial. *Frontiers in Pediatrics*, **2019**, 7, 504	3.4	22
16	Ex Vivo Dual Perfusion of the Human Placenta: Disease Simulation, Therapeutic Pharmacokinetics and Analysis of Off-Target Effects. *Methods in Molecular Biology*, **2018**, 1710, 173-189	1.4	15
15	Maternal chronic hypoxia increases expression of genes regulating lung liquid movement and surfactant maturation in male fetuses in late gestation. *Journal of Physiology*, **2017**, 595, 4329-4350	3.9	13
14	Normalisation of surfactant protein -A and -B expression in the lungs of low birth weight lambs by 21 days old. *PLoS ONE*, **2017**, 12, e0181185	3.7	8
13	Differential effects of late gestation maternal overnutrition on the regulation of surfactant maturation in fetal and postnatal life. *Journal of Physiology*, **2017**, 595, 6635-6652	3.9	12
12	Elevated airway liquid volumes at birth: a potential cause of transient tachypnea of the newborn. *Journal of Applied Physiology*, **2017**, 123, 1204-1213	3.7	17
11	Maternal obesity mediated predisposition to respiratory complications at birth and in later life: understanding the implications of the obesogenic intrauterine environment. *Paediatric Respiratory Reviews*, **2017**, 21, 11-18	4.8	21
10	Chronic hypoxaemia as a molecular regulator of fetal lung development: implications for risk of respiratory complications at birth. *Paediatric Respiratory Reviews*, **2017**, 21, 3-10	4.8	13
9	Regulation of lung maturation by prolyl hydroxylase domain inhibition in the lung of the normally grown and placentally restricted fetus in late gestation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 310, R1226-43	3.2	14
8	Structural and molecular regulation of lung maturation by intratracheal vascular endothelial growth factor administration in the normally grown and placentally restricted fetus. *Journal of Physiology*, **2016**, 594, 1399-420	3.9	20
7	Risk of Respiratory Distress Syndrome and Efficacy of Glucocorticoids: Are They the Same in the Normally Grown and Growth-Restricted Infant?. *Reproductive Sciences*, **2016**, 23, 1459-1472	3	11
6	Increased lung prolyl hydroxylase and decreased glucocorticoid receptor are related to decreased surfactant protein in the growth-restricted sheep fetus. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 309, L84-97	5.8	24
5	Mature Surfactant Protein-B Expression by Immunohistochemistry as a Marker for Surfactant System Development in the Fetal Sheep Lung. *Journal of Histochemistry and Cytochemistry*, **2015**, 63, 866-78	3.4	13
4	Intrafetal glucose infusion alters glucocorticoid signaling and reduces surfactant protein mRNA expression in the lung of the late-gestation sheep fetus. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R538-45	3.2	27
3	Regulation of fetal lung development in response to maternal overnutrition. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 803-16	3	28
2	The fetal sheep lung does not respond to cortisol infusion during the late canalicular phase of development. *Physiological Reports*, **2013**, 1, e00130	2.6	28
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?. *Journal of Pregnancy*, **2012**, 2012, 839656	2.5	49