

# Erin V McGillick

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , <b>2012</b> , 2012, 839656 <sup>2-5</sup>		49
34	Regulation of fetal lung development in response to maternal overnutrition. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2013</b> , 40, 803-16	3	28
33	The fetal sheep lung does not respond to cortisol infusion during the late canalicular phase of development. <i>Physiological Reports</i> , <b>2013</b> , 1, e00130	2.6	28
32	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> , <b>2014</b> , 307, R538-45	3.2	27
31	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> , <b>2015</b> , 309, L84-97	5.8	24
30	The Effect of Initial High vs. Low FiO on Breathing Effort in Preterm Infants at Birth: A Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 504	3.4	22
29	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> , <b>2017</b> , 21, 11-18	4.8	21
28	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> , <b>2016</b> , 594, 1399-420	3.9	20
27	Supporting breathing of preterm infants at birth: a narrative review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2019</b> , 104, F102-F107	4.7	19
26	Elevated airway liquid volumes at birth: a potential cause of transient tachypnea of the newborn. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 1204-1213	3.7	17
25	Physiologically based cord clamping improves cardiopulmonary haemodynamics in lambs with a diaphragmatic hernia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2020</b> , 105, 18-25	4.7	17
24	Ex Vivo Dual Perfusion of the Human Placenta: Disease Simulation, Therapeutic Pharmacokinetics and Analysis of Off-Target Effects. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1710, 173-189	1.4	15
23	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> , <b>2019</b> , 53, 340-347	5.8	14
22	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> , <b>2016</b> , 310, R1226-43	3.2	14
21	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> , <b>2017</b> , 595, 4329-4350	3.9	13
20	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> , <b>2015</b> , 63, 866-78	3.4	13
19	Increasing Respiratory Effort With 100% Oxygen During Resuscitation of Preterm Rabbits at Birth. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 427	3.4	13

18	Chronic hypoxaemia as a molecular regulator of fetal lung development: implications for risk of respiratory complications at birth. <i>Paediatric Respiratory Reviews</i> , <b>2017</b> , 21, 3-10	4.8	13
17	Differential effects of late gestation maternal overnutrition on the regulation of surfactant maturation in fetal and postnatal life. <i>Journal of Physiology</i> , <b>2017</b> , 595, 6635-6652	3.9	12
16	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> , <b>2016</b> , 23, 1459-1472	3	11
15	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 54, 506-516	5.8	9
14	Normalisation of surfactant protein -A and -B expression in the lungs of low birth weight lambs by 21 days old. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181185	3.7	8
13	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> , <b>2020</b> , 105, 26-32	4.7	7
12	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> , <b>2019</b> , 7, 179	3.4	3
11	Effect of lung hypoplasia on the cardiorespiratory transition in newborn lambs. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 568-578	3.7	2
10	992: Physiologically based cord clamping improves pulmonary hemodynamics during neonatal transition in lambs with diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 220, S638-S639	6.4	2
9	Efficacy of Intravenous, Endotracheal, or Nasal Adrenaline Administration During Resuscitation of Near-Term Asphyxiated Lambs. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 262	3.4	2
8	Physiologic-Based Cord Clamping Maintains Core Temperature vs. Immediate Cord Clamping in Near-Term Lambs. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 584983	3.4	2
7	Effect of maternal oxytocin on umbilical venous and arterial blood flows during physiological-based cord clamping in preterm lambs. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253306	3.7	2
6	Higher CPAP levels improve functional residual capacity at birth in preterm rabbits. <i>Pediatric Research</i> , <b>2021</b> ,	3.2	2
5	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> , <b>2021</b> , 12, 153-167	2.4	2
4	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> , <b>2020</b> , 8, 516698	3.4	1
3	Improving lung aeration in ventilated newborn preterm rabbits with a partially aerated lung. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 891-900	3.7	1
2	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> , <b>2021</b> , 131, 997-1008	3.7	0
1	Placental gas exchange during amniotic carbon dioxide insufflation in sheep. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 305-313	5.8	

