

Graeme R Polglase

List of Publications by Year in Descending Order

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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.

184
papers

4,825
citations

36
h-index

60
g-index

198
ext. papers

5,833
ext. citations

4.1
avg, IF

5.48
L-index

#	Paper	IF	Citations
184	Increased Prostaglandin E2 in Brainstem Respiratory Centers Is Associated With Inhibition of Breathing Movements in Fetal Sheep Exposed to Progressive Systemic Inflammation.. <i>Frontiers in Physiology</i> , 2022 , 13, 841229	4.6	1
183	A Newborn's Life Line—A Review of Umbilical Cord Management Strategies. <i>Seminars in Perinatology</i> , 2022 , 151621	3.3	0
182	Lung ultrasound during newborn resuscitation predicts the need for surfactant therapy in very- and extremely preterm infants. <i>Resuscitation</i> , 2021 , 162, 227-235	4	7
181	Respiratory support after delayed cord clamping: a prospective cohort study of at-risk births at 35 weeks gestation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 , 106, 627-634	4.7	0
180	Hyperpolarised gas filling station for medical imaging using polarised Xe and He. <i>Magnetic Resonance Imaging</i> , 2021 , 79, 112-120	3.3	1
179	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	3.7	2
178	The effect of human amnion epithelial cells on lung development and inflammation in preterm lambs exposed to antenatal inflammation. <i>PLoS ONE</i> , 2021 , 16, e0253456	3.7	3
177	Lung recruitment before surfactant administration in extremely preterm neonates with respiratory distress syndrome (IN-REC-SUR-E): a randomised, unblinded, controlled trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 159-166	35.1	21
176	Interleukin-1 blockade attenuates white matter inflammation and oligodendrocyte loss after progressive systemic lipopolysaccharide exposure in near-term fetal sheep. <i>Journal of Neuroinflammation</i> , 2021 , 18, 189	10.1	5
175	Cerebral haemodynamic response to somatosensory stimulation in preterm lambs and 7-10-day old lambs born at term: Direct synchrotron microangiography assessment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211045848	7.3	0
174	Efficacy of Intravenous, Endotracheal, or Nasal Adrenaline Administration During Resuscitation of Near-Term Asphyxiated Lambs. <i>Frontiers in Pediatrics</i> , 2020 , 8, 262	3.4	2
173	The Cerebral Hemodynamic Response to Pain in Preterm Infants With Fetal Growth Restriction. <i>Frontiers in Pediatrics</i> , 2020 , 8, 268	3.4	1
172	Umbilical Cord Blood Cells Do Not Reduce Ventilation-Induced Lung Injury in Preterm Lambs. <i>Frontiers in Physiology</i> , 2020 , 11, 119	4.6	0
171	Brain inflammation and injury at 48 h is not altered by human amnion epithelial cells in ventilated preterm lambs. <i>Pediatric Research</i> , 2020 , 88, 27-37	3.2	8
170	Is Umbilical Cord Blood Therapy an Effective Treatment for Early Lung Injury in Growth Restriction?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 86	5.7	
169	Does Antenatal Betamethasone Alter White Matter Brain Development in Growth Restricted Fetal Sheep?. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 100	6.1	
168	Systematic review and network meta-analysis with individual participant data on cord management at preterm birth (iCOMP): study protocol. <i>BMJ Open</i> , 2020 , 10, e034595	3	5

167	Increased peak end-expiratory pressure in ventilated preterm lambs changes cerebral microvascular perfusion: direct synchrotron microangiography assessment. <i>Journal of Applied Physiology</i> , 2020 , 129, 1075-1084	3.7	1
166	Renal morphology and glomerular capillarisation in young adult sheep born moderately preterm. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 1-7	2.4	0
165	Neurovascular effects of umbilical cord blood-derived stem cells in growth-restricted newborn lambs : UCBCs for perinatal brain injury. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 17	8.3	11
164	Physiological-based cord clamping in very preterm infants - Randomised controlled trial on effectiveness of stabilisation. <i>Resuscitation</i> , 2020 , 147, 26-33	4	30
163	Excess cerebral oxygen delivery follows return of spontaneous circulation in near-term asphyxiated lambs. <i>Scientific Reports</i> , 2020 , 10, 16443	4.9	4
162	Physiologic-Based Cord Clamping Maintains Core Temperature vs. Immediate Cord Clamping in Near-Term Lambs. <i>Frontiers in Pediatrics</i> , 2020 , 8, 584983	3.4	2
161	Maternal sildenafil impairs the cardiovascular adaptations to chronic hypoxaemia in fetal sheep. <i>Journal of Physiology</i> , 2020 , 598, 4405-4419	3.9	6
160	Cardiopulmonary Resuscitation of Asystolic Newborn Lambs Prior to Umbilical Cord Clamping; the Timing of Cord Clamping Matters!. <i>Frontiers in Physiology</i> , 2020 , 11, 902	4.6	4
159	Respiratory Support of the Preterm Neonate: Lessons About Ventilation-Induced Brain Injury From Large Animal Models. <i>Frontiers in Neurology</i> , 2020 , 11, 862	4.1	0
158	Early impact of moderate preterm birth on the structure, function and gene expression of conduit arteries. <i>Experimental Physiology</i> , 2020 , 105, 1256-1267	2.4	1
157	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	4.7	7
156	High-CPAP Does Not Impede Cardiovascular Changes at Birth in Preterm Sheep. <i>Frontiers in Pediatrics</i> , 2020 , 8, 584138	3.4	5
155	Use of Intraosseous Needles in Neonates: A Systematic Review. <i>Neonatology</i> , 2019 , 116, 305-314	4	13
154	Advanced MRI analysis to detect white matter brain injury in growth restricted newborn lambs. <i>NeuroImage: Clinical</i> , 2019 , 24, 101991	5.3	9
153	Fetal growth restriction is associated with an altered cardiopulmonary and cerebral hemodynamic response to surfactant therapy in preterm lambs. <i>Pediatric Research</i> , 2019 , 86, 47-54	3.2	2
152	Haemodynamic Instability and Brain Injury in Neonates Exposed to Hypoxia?Ischaemia. <i>Brain Sciences</i> , 2019 , 9,	3.4	15
151	Effects of Maternal Sildenafil Treatment on Vascular Function in Growth-Restricted Fetal Sheep. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 731-740	9.4	8
150	Umbilical cord blood versus mesenchymal stem cells for inflammation-induced preterm brain injury in fetal sheep. <i>Pediatric Research</i> , 2019 , 86, 165-173	3.2	22

149	Effectiveness of Stabilization of Preterm Infants With Intact Umbilical Cord Using a Purpose-Built Resuscitation Table-Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2019 , 7, 134	3.4	11
148	Neonatal Morbidities of Fetal Growth Restriction: Pathophysiology and Impact. <i>Frontiers in Endocrinology</i> , 2019 , 10, 55	5.7	105
147	Preterm growth restriction and bronchopulmonary dysplasia: the vascular hypothesis and related physiology. <i>Journal of Physiology</i> , 2019 , 597, 1209-1220	3.9	23
146	Transfusion or Timing: The Role of Blood Volume in Delayed Cord Clamping During the Cardiovascular Transition at Birth. <i>Frontiers in Pediatrics</i> , 2019 , 7, 405	3.4	4
145	Dose-dependent exacerbation of ventilation-induced lung injury by erythropoietin in preterm newborn lambs. <i>Journal of Applied Physiology</i> , 2019 , 126, 44-50	3.7	6
144	Placental histopathology in preterm fetal growth restriction. <i>Journal of Paediatrics and Child Health</i> , 2019 , 55, 582-587	1.3	10
143	Impact of delivered tidal volume on the occurrence of intraventricular haemorrhage in preterm infants during positive pressure ventilation in the delivery room. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019 , 104, F57-F62	4.7	34
142	Delivery of positive end-expiratory pressure to preterm lambs using common resuscitation devices. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019 , 104, F83-F88	4.7	4
141	Physiological-based cord clamping in preterm infants using a new purpose-built resuscitation table: a feasibility study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019 , 104, F396-F402	4.7	31
140	Moderate preterm birth affects right ventricular structure and function and pulmonary artery blood flow in adult sheep. <i>Journal of Physiology</i> , 2018 , 596, 5965-5975	3.9	11
139	The physiology of neonatal resuscitation. <i>Current Opinion in Pediatrics</i> , 2018 , 30, 187-191	3.2	17
138	Antenatal Medical Therapies to Improve Lung Development in Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2018 , 35, 823-836	3.3	4
137	Three-dimensional ultrasound cranial imaging and early neurodevelopment in preterm growth-restricted infants. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 420-425	1.3	5
136	The effect of sex and prematurity on the cardiovascular baroreflex response in sheep. <i>Experimental Physiology</i> , 2018 , 103, 9-18	2.4	3
135	Haemodynamic effects of umbilical cord milking in premature sheep during the neonatal transition. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F539-F546	4.7	54
134	Lung ultrasound immediately after birth to describe normal neonatal transition: an observational study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F157-F162	4.7	25
133	Morphology and Function of the Lamb Ileum following Preterm Birth. <i>Frontiers in Pediatrics</i> , 2018 , 6, 8	3.4	2
132	Effects of Intrauterine Inflammation on Cortical Gray Matter of Near-Term Lambs. <i>Frontiers in Pediatrics</i> , 2018 , 6, 145	3.4	8

131	Baby-directed umbilical cord clamping: A feasibility study. <i>Resuscitation</i> , 2018 , 131, 1-7	4	28
130	The Consequences of Preterm Birth and Chorioamnionitis on Brainstem Respiratory Centers: Implications for Neurochemical Development and Altered Functions by Inflammation and Prostaglandins. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 26	6.1	12
129	Animal models in neonatal resuscitation research: What can they teach us?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018 , 23, 300-305	3.7	9
128	Haemodynamic effects of prenatal caffeine on the cardiovascular transition in ventilated preterm lambs. <i>PLoS ONE</i> , 2018 , 13, e0200572	3.7	1
127	Physiologically based cord clamping stabilises cardiac output and reduces cerebrovascular injury in asphyxiated near-term lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F530-F538	4.7	39
126	The Effect of Antenatal Betamethasone on White Matter Inflammation and Injury in Fetal Sheep and Ventilating Preterm Lambs. <i>Developmental Neuroscience</i> , 2018 , 40, 497-507	2.2	3
125	Ventilation Prior to Umbilical Cord Clamping Improves Cardiovascular Stability and Oxygenation in Preterm Lambs After Exposure to Intrauterine Inflammation. <i>Frontiers in Pediatrics</i> , 2018 , 6, 286	3.4	5
124	Neuropathology as a consequence of neonatal ventilation in premature growth-restricted lambs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R1183-R1194	3.3	13
123	Reducing Brain Injury of Preterm Infants in the Delivery Room. <i>Frontiers in Pediatrics</i> , 2018 , 6, 290	3.4	4
122	Human Umbilical Cord Blood Therapy Protects Cerebral White Matter from Systemic LPS Exposure in Preterm Fetal Sheep. <i>Developmental Neuroscience</i> , 2018 , 40, 258-270	2.2	26
121	Cord clamping in term and pre-term infants: how should clinicians proceed?. <i>Medical Journal of Australia</i> , 2018 , 208, 330-331	4	1
120	Cord clamping in term and pre-term infants: how should clinicians proceed?. <i>Medical Journal of Australia</i> , 2018 , 208, 330-331	4	1
119	Detection and assessment of brain injury in the growth-restricted fetus and neonate. <i>Pediatric Research</i> , 2017 , 82, 184-193	3.2	25
118	Experimentally Induced Preterm Birth in Sheep Following a Clinical Course of Antenatal Betamethasone: Effects on Growth and Long-Term Survival. <i>Reproductive Sciences</i> , 2017 , 24, 1203-1213	3	9
117	Vagal denervation inhibits the increase in pulmonary blood flow during partial lung aeration at birth. <i>Journal of Physiology</i> , 2017 , 595, 1593-1606	3.9	13
116	Effect of body position and ventilation on umbilical artery and venous blood flows during delayed umbilical cord clamping in preterm lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017 , 102, F312-F319	4.7	21
115	Lung ultrasound during the initiation of breathing in healthy term and late preterm infants immediately after birth, a prospective, observational study. <i>Resuscitation</i> , 2017 , 114, 59-65	4	18
114	Optimizing the Dose of Erythropoietin Required to Prevent Acute Ventilation-Induced Cerebral White Matter Injury in Preterm Lambs. <i>Developmental Neuroscience</i> , 2017 , 39, 298-309	2.2	6

113	Early- versus Late-Onset Fetal Growth Restriction Differentially Affects the Development of the Fetal Sheep Brain. <i>Developmental Neuroscience</i> , 2017 , 39, 141-155	2.2	28
112	Diffusion tensor imaging detects ventilation-induced brain injury in preterm lambs. <i>PLoS ONE</i> , 2017 , 12, e0188737	3.7	3
111	Effects of antenatal melatonin therapy on lung structure in growth-restricted newborn lambs. <i>Journal of Applied Physiology</i> , 2017 , 123, 1195-1203	3.7	11
110	Exacerbation of Ventilation-Induced Lung Injury and Inflammation in Preterm Lambs by High-Dose Nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 14704	4.9	3
109	Cardiac Morphology and Function in Preterm Growth Restricted Infants: Relevance for Clinical Sequelae. <i>Journal of Pediatrics</i> , 2017 , 188, 128-134.e2	3.6	20
108	Diffusion Tensor Imaging Colour Mapping Threshold for Identification of Ventilation-Induced Brain Injury after Intrauterine Inflammation in Preterm Lambs. <i>Frontiers in Pediatrics</i> , 2017 , 5, 70	3.4	3
107	Human amnion epithelial cells modulate the inflammatory response to ventilation in preterm lambs. <i>PLoS ONE</i> , 2017 , 12, e0173572	3.7	17
106	Altered cardiovascular function at birth in growth-restricted preterm lambs. <i>Pediatric Research</i> , 2016 , 80, 538-46	3.2	20
105	Cardiovascular Alterations and Multiorgan Dysfunction After Birth Asphyxia. <i>Clinics in Perinatology</i> , 2016 , 43, 469-83	2.8	34
104	The timing of umbilical cord clamping at birth: physiological considerations. <i>Maternal Health, Neonatology and Perinatology</i> , 2016 , 2, 4	3.4	62
103	Lung ultrasound accurately detects pneumothorax in a preterm newborn lamb model. <i>Journal of Paediatrics and Child Health</i> , 2016 , 52, 643-8	1.3	6
102	Single Sustained Inflation followed by Ventilation Leads to Rapid Cardiorespiratory Recovery but Causes Cerebral Vascular Leakage in Asphyxiated Near-Term Lambs. <i>PLoS ONE</i> , 2016 , 11, e0146574	3.7	14
101	Differential short-term regional effects of early high dose erythropoietin on white matter in preterm lambs after mechanical ventilation. <i>Journal of Physiology</i> , 2016 , 594, 1437-49	3.9	10
100	The cardiovascular response to birth asphyxia is altered by the surrounding environment. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016 , 101, F540-F545	4.7	2
99	Increase in pulmonary blood flow at birth: role of oxygen and lung aeration. <i>Journal of Physiology</i> , 2016 , 594, 1389-98	3.9	41
98	Ventilation-Induced Brain Injury in Preterm Neonates: A Review of Potential Therapies. <i>Neonatology</i> , 2016 , 110, 155-62	4	35
97	Ventilation-induced lung injury is not exacerbated by growth restriction in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L213-23	5.8	14
96	Efficacy of a new technique - INTubate-REcruit-SURfactant-Extubate - "IN-REC-SUR-E" - in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , 2016 , 17, 414	2.8	13

95	Cardiovascular transition at birth: a physiological sequence. <i>Pediatric Research</i> , 2015 , 77, 608-14	3.2	119
94	Human Amnion Epithelial Cells Modulate Ventilation-Induced White Matter Pathology in Preterm Lambs. <i>Developmental Neuroscience</i> , 2015 , 37, 338-48	2.2	25
93	Cardiopulmonary changes with aeration of the newborn lung. <i>Paediatric Respiratory Reviews</i> , 2015 , 16, 147-50	4.8	53
92	Effects of chest compressions on cardiovascular and cerebral hemodynamics in asphyxiated near-term lambs. <i>Pediatric Research</i> , 2015 , 78, 395-400	3.2	25
91	Update on the cardio-vascular adaptation at birth. <i>Italian Journal of Pediatrics</i> , 2015 , 41,	3.2	78
90	A comparison of high-frequency jet ventilation and synchronised intermittent mandatory ventilation in preterm lambs. <i>Pediatric Pulmonology</i> , 2015 , 50, 1286-93	3.5	3
89	An authentic animal model of the very preterm infant on nasal continuous positive airway pressure. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, 51	3.7	13
88	Does fetal growth restriction lead to increased brain injury as detected by neonatal cranial ultrasound in premature infants?. <i>Journal of Paediatrics and Child Health</i> , 2015 , 51, 1103-8	1.3	11
87	Determination of Lung Volume and Hemodynamic Changes During High-Frequency Ventilation Recruitment in Preterm Neonates With Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2015 , 43, 1685-91	1.4	15
86	Impact of intrauterine growth restriction on preterm lung disease. <i>Acta Paediatrica, International Journal of Pediatrics</i> , 2015 , 104, e552-6	3.1	15
85	Pressure-limited sustained inflation vs. gradual tidal inflations for resuscitation in preterm lambs. <i>Journal of Applied Physiology</i> , 2015 , 118, 890-7	3.7	24
84	Unraveling the Links Between the Initiation of Ventilation and Brain Injury in Preterm Infants. <i>Frontiers in Pediatrics</i> , 2015 , 3, 97	3.4	28
83	Ventilation onset prior to umbilical cord clamping (physiological-based cord clamping) improves systemic and cerebral oxygenation in preterm lambs. <i>PLoS ONE</i> , 2015 , 10, e0117504	3.7	72
82	A physiological approach to the timing of umbilical cord clamping at birth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015 , 100, F355-60	4.7	59
81	Pressure- versus volume-limited sustained inflations at resuscitation of premature newborn lambs. <i>BMC Pediatrics</i> , 2014 , 14, 43	2.6	29
80	Respiratory support for premature neonates in the delivery room: effects on cardiovascular function and the development of brain injury. <i>Pediatric Research</i> , 2014 , 75, 682-8	3.2	49
79	Ureaplasma parvum undergoes selection in utero resulting in genetically diverse isolates colonizing the chorioamnion of fetal sheep. <i>Biology of Reproduction</i> , 2014 , 90, 27	3.9	8
78	The Efficacy of Surfactant Replacement Therapy in the Growth-Restricted Preterm Infant: What is the Evidence?. <i>Frontiers in Pediatrics</i> , 2014 , 2, 118	3.4	4

77	Circulatory responses to asphyxia differ if the asphyxia occurs in utero or ex utero in near-term lambs. <i>PLoS ONE</i> , 2014 , 9, e112264	3.7	14
76	Ventilation before Umbilical Cord Clamping Improves the Physiological Transition at Birth. <i>Frontiers in Pediatrics</i> , 2014 , 2, 113	3.4	42
75	Ventilation/perfusion mismatch during lung aeration at birth. <i>Journal of Applied Physiology</i> , 2014 , 117, 535-43	3.7	35
74	Maintenance of human amnion epithelial cell phenotype in pulmonary surfactant. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 107	8.3	8
73	Effects of intra-amniotic lipopolysaccharide exposure on the fetal lamb lung as gestation advances. <i>Pediatric Research</i> , 2014 , 75, 500-6	3.2	5
72	Altered canonical Wntless-Int signaling in the ovine fetal lung after exposure to intra-amniotic lipopolysaccharide and antenatal betamethasone. <i>Pediatric Research</i> , 2014 , 75, 281-7	3.2	9
71	Exposure to intrauterine inflammation leads to impaired function and altered structure in the preterm heart of fetal sheep. <i>Clinical Science</i> , 2014 , 127, 559-69	6.5	22
70	Prophylactic erythropoietin exacerbates ventilation-induced lung inflammation and injury in preterm lambs. <i>Journal of Physiology</i> , 2014 , 592, 1993-2002	3.9	22
69	Early detection of ventilation-induced brain injury using magnetic resonance spectroscopy and diffusion tensor imaging: an in vivo study in preterm lambs. <i>PLoS ONE</i> , 2014 , 9, e95804	3.7	22
68	Ventilation-induced increases in EGFR ligand mRNA are not altered by intra-amniotic LPS or ureaplasma in preterm lambs. <i>PLoS ONE</i> , 2014 , 9, e96087	3.7	14
67	Protective ventilation of preterm lambs exposed to acute chorioamnionitis does not reduce ventilation-induced lung or brain injury. <i>PLoS ONE</i> , 2014 , 9, e112402	3.7	20
66	Intrauterine inflammation alters cardiopulmonary but not cerebral hemodynamics during open endotracheal tube suction in preterm lambs. <i>Pediatric Research</i> , 2013 , 74, 48-53	3.2	5
65	Effect of sustained inflation duration; resuscitation of near-term asphyxiated lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013 , 98, F222-7	4.7	71
64	The consequences of chorioamnionitis: preterm birth and effects on development. <i>Journal of Pregnancy</i> , 2013 , 2013, 412831	2.5	154
63	Intrauterine inflammation alters fetal cardiopulmonary and cerebral haemodynamics in sheep. <i>Journal of Physiology</i> , 2013 , 591, 5061-70	3.9	15
62	Intrauterine inflammation alters cardiopulmonary and cerebral haemodynamics at birth in preterm lambs. <i>Journal of Physiology</i> , 2013 , 591, 2127-37	3.9	19
61	Delaying cord clamping until ventilation onset improves cardiovascular function at birth in preterm lambs. <i>Journal of Physiology</i> , 2013 , 591, 2113-26	3.9	258
60	Antenatal ureaplasma infection impairs development of the fetal ovine gut in an IL-1-dependent manner. <i>Mucosal Immunology</i> , 2013 , 6, 547-56	9.2	40

59	Effects of tail docking and castration on stress responses in lambs and the influence of prenatal glucocorticoid treatment. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 1020-5	1.8	3
58	Ureaplasma parvum serovar 3 multiple banded antigen size variation after chronic intra-amniotic infection/colonization. <i>PLoS ONE</i> , 2013 , 8, e62746	3.7	21
57	Effects of intra-amniotic lipopolysaccharide and maternal betamethasone on brain inflammation in fetal sheep. <i>PLoS ONE</i> , 2013 , 8, e81644	3.7	30
56	LPS-induced chorioamnionitis and antenatal corticosteroids modulate Shh signaling in the ovine fetal lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L778-87	5.8	40
55	The effects of dexamethasone treatment in early gestation on hypothalamic-pituitary-adrenal responses and gene expression at 7 months of postnatal age in sheep. <i>Reproductive Sciences</i> , 2012 , 19, 260-70	3	17
54	Effects of caffeine on renal and pulmonary function in preterm newborn lambs. <i>Pediatric Research</i> , 2012 , 72, 19-25	3.2	11
53	Variable ventilation enhances ventilation without exacerbating injury in preterm lambs with respiratory distress syndrome. <i>Pediatric Research</i> , 2012 , 72, 384-92	3.2	9
52	Inflammation in utero exacerbates ventilation-induced brain injury in preterm lambs. <i>Journal of Applied Physiology</i> , 2012 , 112, 481-9	3.7	35
51	Intra-amniotic LPS and antenatal betamethasone: inflammation and maturation in preterm lamb lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L380-9	5.8	65
50	Impact of conventional breath inspiratory time during high-frequency jet ventilation in preterm lambs. <i>Neonatology</i> , 2012 , 101, 267-73	4	1
49	The cardiopulmonary haemodynamic transition at birth is not different between male and female preterm lambs. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 510-6	1.8	13
48	Ovine fetal thymus response to lipopolysaccharide-induced chorioamnionitis and antenatal corticosteroids. <i>PLoS ONE</i> , 2012 , 7, e38257	3.7	24
47	The role of the multiple banded antigen of <i>Ureaplasma parvum</i> in intra-amniotic infection: major virulence factor or decoy?. <i>PLoS ONE</i> , 2012 , 7, e29856	3.7	39
46	Initiation of resuscitation with high tidal volumes causes cerebral hemodynamic disturbance, brain inflammation and injury in preterm lambs. <i>PLoS ONE</i> , 2012 , 7, e39535	3.7	86
45	IL-1 β -mediated chorioamnionitis induces depletion of FoxP3+ cells and ileal inflammation in the ovine fetal gut. <i>PLoS ONE</i> , 2011 , 6, e18355	3.7	40
44	The cerebral critical oxygen threshold of ventilated preterm lambs and the influence of antenatal inflammation. <i>Journal of Applied Physiology</i> , 2011 , 111, 775-81	3.7	18
43	Effect of intra-amniotic lipopolysaccharide on nephron number in preterm fetal sheep. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, F280-5	4.3	20
42	Cardiopulmonary haemodynamics in lambs during induced capillary leakage immediately after preterm birth. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011 , 38, 222-8	3	7

41	Fetal responses to lipopolysaccharide-induced chorioamnionitis alter immune and airway responses in 7-week-old sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 364.e17-24	6.4	24
40	Variable ventilation improves ventilation and lung compliance in preterm lambs. <i>Intensive Care Medicine</i> , 2011 , 37, 1352-9	14.5	20
39	High positive end-expiratory pressure during high-frequency jet ventilation improves oxygenation and ventilation in preterm lambs. <i>Pediatric Research</i> , 2011 , 69, 319-24	3.2	15
38	Chronic fetal exposure to <i>Ureaplasma parvum</i> suppresses innate immune responses in sheep. <i>Journal of Immunology</i> , 2011 , 187, 2688-95	5.3	62
37	Interleukin-1 in lipopolysaccharide induced chorioamnionitis in the fetal sheep. <i>Reproductive Sciences</i> , 2011 , 18, 1092-102	3	25
36	Inflammation and lung maturation from stretch injury in preterm fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 300, L232-41	5.8	68
35	Pulmonary and systemic inflammatory responses to intra-amniotic IL-1 β in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 301, L285-95	5.8	33
34	Inflammation in fetal sheep from intra-amniotic injection of <i>Ureaplasma parvum</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L852-60	5.8	54
33	Pulmonary vascular and alveolar development in preterm lambs chronically colonized with <i>Ureaplasma parvum</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L232-41	5.8	28
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