Suzanne L Miller

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Altered trajectory of neurodevelopment associated with fetal growth restriction. Experimental Neurology, 2022, 347, 113885. | 4.1 | 17 |
| 2 | Single versus continuous sustained inflations during chest compressions and physiological-based cord clamping in asystolic lambs. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 488-494. | 2.8 | 2 |
| 3 | Umbilical Cord Blood and Cord Tissue-Derived Cell Therapies for Neonatal Morbidities: Current Status and Future Challenges. Stem Cells Translational Medicine, 2022, 11, 135-145. | 3.3 | 15 |
| 4 | Effect of expansion of human umbilical cord blood CD34 + cells on neurotrophic and angiogenic factor expression and function. Cell and Tissue Research, 2022, 388, 117-132. | 2.9 | 3 |
| 5 | An Optimized and Detailed Step-by-Step Protocol for the Analysis of Neuronal Morphology in Golgi-Stained Fetal Sheep Brain. Developmental Neuroscience, 2022, 44, 344-362. | 2.0 | 5 |
| 6 | Efficacy of melatonin in term neonatal models of perinatal hypoxiaâ€ischaemia. Annals of Clinical and Translational Neurology, 2022, 9, 795-809. | 3.7 | 5 |
| 7 | Window of opportunity for human amnion epithelial stem cells to attenuate astrogliosis after umbilical cord occlusion in preterm fetal sheep. Stem Cells Translational Medicine, 2021, 10, 427-440. | 3.3 | 13 |
| 8 | Impact of Acute and Chronic Hypoxia-Ischemia on the Transitional Circulation. Pediatrics, 2021, 147, . | 2.1 | 9 |
| 9 | Melatonin augments the neuroprotective effects of hypothermia in lambs following perinatal asphyxia. Journal of Pineal Research, 2021, 71, e12744. | 7.4 | 9 |
| 10 | Optimization of behavioral testing in a long-term rat model of hypoxic ischemic brain injury. Behavioural Brain Research, 2021, 409, 113322. | 2.2 | 7 |
| 11 | Cardiovascular and Cerebrovascular Implications of Growth Restriction: Mechanisms and Potential Treatments. International Journal of Molecular Sciences, 2021, 22, 7555. | 4.1 | 12 |
| 12 | Interleukin-1 blockade attenuates white matter inflammation and oligodendrocyte loss after progressive systemic lipopolysaccharide exposure in near-term fetal sheep. Journal of Neuroinflammation, 2021, 18, 189. | 7.2 | 23 |
| 13 | Umbilical cord blood therapy modulates neonatal hypoxic ischemic brain injury in both females and males. Scientific Reports, 2021, 11, 15788. | 3.3 | 10 |
| 14 | Neural Stem Cell Treatment for Perinatal Brain Injury: A Systematic Review and Meta-Analysis of Preclinical Studies. Stem Cells Translational Medicine, 2021, 10, 1621-1636. | 3.3 | 12 |
| 15 | Neurovascular effects of umbilical cord blood-derived stem cells in growth-restricted newborn lambs. Stem Cell Research and Therapy, 2020, 11, 17. | 5.5 | 20 |
| 16 | Multiple Doses of Umbilical Cord Blood Cells Improve Long-Term Perinatal Brain Injury. Stem Cells Translational Medicine, 2020, 9, S3-S3. | 3.3 | 5 |
| 17 | Excess cerebral oxygen delivery follows return of spontaneous circulation in near-term asphyxiated lambs. Scientific Reports, 2020, 10, 16443. | 3.3 | 11 |
| 18 | Midkine: The Who, What, Where, and When of a Promising Neurotrophic Therapy for Perinatal Brain Injury. Frontiers in Neurology, 2020, 11, 568814. | 2.4 | 13 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Maternal sildenafil impairs the cardiovascular adaptations to chronic hypoxaemia in fetal sheep. Journal of Physiology, 2020, 598, 4405-4419. | 2.9 | 11 |
| 20 | Cardiopulmonary Resuscitation of Asystolic Newborn Lambs Prior to Umbilical Cord Clamping; the Timing of Cord Clamping Matters!. Frontiers in Physiology, 2020, 11, 902. | 2.8 | 18 |
| 21 | Respiratory Support of the Preterm Neonate: Lessons About Ventilation-Induced Brain Injury From Large Animal Models. Frontiers in Neurology, 2020, 11, 862. | 2.4 | 5 |
| 22 | Autologous transplantation of umbilical cord blood-derived cells in extreme preterm infants: protocol for a safety and feasibility study. BMJ Open, 2020, 10, e036065. | 1.9 | 13 |
| 23 | The Cerebral Hemodynamic Response to Pain in Preterm Infants With Fetal Growth Restriction. Frontiers in Pediatrics, 2020, 8, 268. | 1.9 | 2 |
| 24 | Is Umbilical Cord Blood Therapy an Effective Treatment for Early Lung Injury in Growth Restriction?. Frontiers in Endocrinology, 2020, 11, 86. | 3.5 | 0 |
| 25 | Multiple doses of umbilical cord blood cells improve long-term brain injury in the neonatal rat. Brain Research, 2020, 1746, 147001. | 2.2 | 21 |
| 26 | Editorial: Causes and Consequences of Intrauterine Growth Restriction. Frontiers in Endocrinology, 2020, 11, 205. | 3.5 | 29 |
| 27 | Does Antenatal Betamethasone Alter White Matter Brain Development in Growth Restricted Fetal Sheep?. Frontiers in Cellular Neuroscience, 2020, 14, 100. | 3.7 | 3 |
| 28 | Preterm growth restriction and bronchopulmonary dysplasia: the vascular hypothesis and related physiology. Journal of Physiology, 2019, 597, 1209-1220. | 2.9 | 46 |
| 29 | Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. Molecular Human Reproduction, 2019, 25, 495-505. | 2.8 | 15 |
| 30 | Advanced MRI analysis to detect white matter brain injury in growth restricted newborn lambs. NeuroImage: Clinical, 2019, 24, 101991. | 2.7 | 15 |
| 31 | Fetal Growth Restriction Alters Cerebellar Development in Fetal and Neonatal Sheep. Frontiers in Physiology, 2019, 10, 560. | 2.8 | 14 |
| 32 | Protect-me: a parallel-group, triple blinded, placebo-controlled randomised clinical trial protocol assessing antenatal maternal melatonin supplementation for fetal neuroprotection in early-onset fetal growth restriction. BMJ Open, 2019, 9, e028243. | 1.9 | 22 |
| 33 | Intranasal Delivery of Mesenchymal Stromal Cells Protects against Neonatal Hypoxic–Ischemic Brain Injury. International Journal of Molecular Sciences, 2019, 20, 2449. | 4.1 | 43 |
| 34 | Fetal growth restriction is associated with an altered cardiopulmonary and cerebral hemodynamic response to surfactant therapy in preterm lambs. Pediatric Research, 2019, 86, 47-54. | 2.3 | 6 |
| 35 | Haemodynamic Instability and Brain Injury in Neonates Exposed to Hypoxia–Ischaemia. Brain Sciences, 2019, 9, 49. | 2.3 | 30 |
| 36 | Effects of Maternal Sildenafil Treatment on Vascular Function in Growth-Restricted Fetal Sheep. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 731-740. | 2.4 | 16 |

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|----|--|-----|-----------|
| 37 | Human Umbilical Cord Therapy Improves Long-Term Behavioral Outcomes Following Neonatal Hypoxic Ischemic Brain Injury. Frontiers in Physiology, 2019, 10, 283. | 2.8 | 27 |
| 38 | Umbilical cord blood versus mesenchymal stem cells for inflammation-induced preterm brain injury in fetal sheep. Pediatric Research, 2019, 86, 165-173. | 2.3 | 36 |
| 39 | Neonatal Morbidities of Fetal Growth Restriction: Pathophysiology and Impact. Frontiers in Endocrinology, 2019, 10, 55. | 3.5 | 237 |
| 40 | Placental histopathology in preterm fetal growth restriction. Journal of Paediatrics and Child Health, 2019, 55, 582-587. | 0.8 | 19 |
| 41 | Delayed intranasal infusion of human amnion epithelial cells improves white matter maturation after asphyxia in preterm fetal sheep. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 223-239. | 4.3 | 49 |
| 42 | The Neurovascular Unit: Effects of Brain Insults During the Perinatal Period. Frontiers in Neuroscience, 2019, 13, 1452. | 2.8 | 84 |
| 43 | Systemic and transdermal melatonin administration prevents neuropathology in response to perinatal asphyxia in newborn lambs. Journal of Pineal Research, 2018, 64, e12479. | 7.4 | 43 |
| 44 | Threeâ€dimensional ultrasound cranial imaging and early neurodevelopment in preterm growthâ€restricted infants. Journal of Paediatrics and Child Health, 2018, 54, 420-425. | 0.8 | 9 |
| 45 | Effects of umbilical cord blood cells, and subtypes, to reduce neuroinflammation following perinatal hypoxic-ischemic brain injury. Journal of Neuroinflammation, 2018, 15, 47. | 7.2 | 74 |
| 46 | Umbilical cord blood cells for treatment of cerebral palsy; timing and treatment options. Pediatric Research, 2018, 83, 333-344. | 2.3 | 40 |
| 47 | Physiologically based cord clamping stabilises cardiac output and reduces cerebrovascular injury in asphyxiated near-term lambs. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F530-F538. | 2.8 | 60 |
| 48 | Vascular aging and cardiac maladaptation in growth-restricted preterm infants. Journal of Perinatology, 2018, 38, 92-97. | 2.0 | 27 |
| 49 | Imaging the Brain In Situ with Phase Contrast CT. Microscopy and Microanalysis, 2018, 24, 354-355. | 0.4 | 0 |
| 50 | The Effect of Antenatal Betamethasone on White Matter Inflammation and Injury in Fetal Sheep and Ventilated Preterm Lambs. Developmental Neuroscience, 2018, 40, 497-507. | 2.0 | 5 |
| 51 | Neuropathology as a consequence of neonatal ventilation in premature growth-restricted lambs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R1183-R1194. | 1.8 | 24 |
| 52 | Human Umbilical Cord Blood Therapy Protects Cerebral White Matter from Systemic LPS Exposure in Preterm Fetal Sheep. Developmental Neuroscience, 2018, 40, 258-270. | 2.0 | 37 |
| 53 | Melatonin improves endothelial function in vitro and prolongs pregnancy in women with earlyâ€onset preeclampsia. Journal of Pineal Research, 2018, 65, e12508. | 7.4 | 103 |
| 54 | Dobutamine treatment reduces inflammation in the preterm fetal sheep brain exposed to acute hypoxia. Pediatric Research, 2018, 84, 442-450. | 2.3 | 4 |

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|----|---|-----|-----------|
| 55 | Antenatal prevention of cerebral palsy and childhood disability: is the impossible possible?. Journal of Physiology, 2018, 596, 5593-5609. | 2.9 | 12 |
| 56 | In situ phase contrast X-ray brain CT. Scientific Reports, 2018, 8, 11412. | 3.3 | 39 |
| 57 | The Consequences of Preterm Birth and Chorioamnionitis on Brainstem Respiratory Centers: Implications for Neurochemical Development and Altered Functions by Inflammation and Prostaglandins. Frontiers in Cellular Neuroscience, 2018, 12, 26. | 3.7 | 19 |
| 58 | Preterm umbilical cord blood derived mesenchymal stem/stromal cells protect preterm white matter brain development against hypoxia-ischemia. Experimental Neurology, 2018, 308, 120-131. | 4.1 | 39 |
| 59 | The paradox of the preterm fetus. Journal of Physiology, 2017, 595, 1851-1852. | 2.9 | О |
| 60 | Detection and assessment of brain injury in the growth-restricted fetus and neonate. Pediatric Research, 2017, 82, 184-193. | 2.3 | 48 |
| 61 | Effects of Antenatal Melatonin Treatment on the Cerebral Vasculature in an Ovine Model of Fetal Growth Restriction. Developmental Neuroscience, 2017, 39, 323-337. | 2.0 | 33 |
| 62 | Human Amnion Epithelial Cells Protect against White Matter Brain Injury after Repeated Endotoxin Exposure in the Preterm Ovine Fetus. Cell Transplantation, 2017, 26, 541-553. | 2.5 | 35 |
| 63 | Early- versus Late-Onset Fetal Growth Restriction Differentially Affects the Development of the Fetal Sheep Brain. Developmental Neuroscience, 2017, 39, 141-155. | 2.0 | 43 |
| 64 | Effects of antenatal melatonin therapy on lung structure in growth-restricted newborn lambs. Journal of Applied Physiology, 2017, 123, 1195-1203. | 2.5 | 17 |
| 65 | Description of a method for inducing fetal growth restriction in the spiny mouse. Journal of Developmental Origins of Health and Disease, 2017, 8, 550-555. | 1.4 | 5 |
| 66 | Does growth restriction increase the vulnerability to acute ventilation-induced brain injury in newborn lambs? Implications for future health and disease. Journal of Developmental Origins of Health and Disease, 2017, 8, 556-565. | 1.4 | 8 |
| 67 | Cardiac Morphology and Function in Preterm Growth Restricted Infants: Relevance for Clinical Sequelae. Journal of Pediatrics, 2017, 188, 128-134.e2. | 1.8 | 34 |
| 68 | Ganaxolone: A New Treatment for Neonatal Seizures. Frontiers in Cellular Neuroscience, 2017, 11, 246. | 3.7 | 37 |
| 69 | The Beneficial Effects of Melatonin Administration Following Hypoxia-Ischemia in Preterm Fetal Sheep. Frontiers in Cellular Neuroscience, 2017, 11, 296. | 3.7 | 45 |
| 70 | Perinatal Brain Injury As a Consequence of Preterm Birth and Intrauterine Inflammation: Designing Targeted Stem Cell Therapies. Frontiers in Neuroscience, 2017, 11, 200. | 2.8 | 59 |
| 71 | Diffusion Tensor Imaging Colour Mapping Threshold for Identification of Ventilation-Induced Brain Injury after Intrauterine Inflammation in Preterm Lambs. Frontiers in Pediatrics, 2017, 5, 70. | 1.9 | 3 |
| 72 | Term vs. preterm cord blood cells for the prevention of preterm brain injury. Pediatric Research, 2017, 82, 1030-1038. | 2.3 | 31 |

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|----|--|-----|-----------|
| 73 | Preterm Hypoxic–Ischemic Encephalopathy. Frontiers in Pediatrics, 2016, 4, 114. | 1.9 | 108 |
| 74 | The consequences of fetal growth restriction on brain structure and neurodevelopmental outcome. Journal of Physiology, 2016, 594, 807-823. | 2.9 | 384 |
| 75 | Ventilation-Induced Brain Injury in Preterm Neonates: A Review of Potential Therapies. Neonatology, 2016, 110, 155-162. | 2.0 | 50 |
| 76 | Ventilation-induced lung injury is not exacerbated by growth restriction in preterm lambs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L213-L223. | 2.9 | 19 |
| 77 | Altered cardiovascular function at birth in growth-restricted preterm lambs. Pediatric Research, 2016, 80, 538-546. | 2.3 | 29 |
| 78 | Cord blood mononuclear cells prevent neuronal apoptosis in response to perinatal asphyxia in the newborn lamb. Journal of Physiology, 2016, 594, 1421-1435. | 2.9 | 62 |
| 79 | Melatonin for treating pre-eclampsia. The Cochrane Library, 2016, , . | 2.8 | 3 |
| 80 | Preterm white matter brain injury is prevented by early administration of umbilical cord blood cells. Experimental Neurology, 2016, 283, 179-187. | 4.1 | 71 |
| 81 | Dopamine treatment during acute hypoxia is neuroprotective in the developing sheep brain. Neuroscience, 2016, 316, 82-93. | 2.3 | 13 |
| 82 | Impact of intra- and extrauterine growth on bone mineral density and content in the neonatal period of very-low-birth-weight infants. Early Human Development, 2016, 92, 1-6. | 1.8 | 5 |
| 83 | Effects of intrauterine growth restriction on sleep and the cardiovascular system: The use of melatonin as a potential therapy?. Sleep Medicine Reviews, 2016, 26, 64-73. | 8.5 | 19 |
| 84 | Single Sustained Inflation followed by Ventilation Leads to Rapid Cardiorespiratory Recovery but Causes Cerebral Vascular Leakage in Asphyxiated Near-Term Lambs. PLoS ONE, 2016, 11, e0146574. | 2.5 | 29 |
| 85 | Melatonin for preventing pre-eclampsia. The Cochrane Library, 2015, , . | 2.8 | 2 |
| 86 | Does fetal growth restriction lead to increased brain injury as detected by neonatal cranial ultrasound in premature infants?. Journal of Paediatrics and Child Health, 2015, 51, 1103-1108. | 0.8 | 14 |
| 87 | Impact of intrauterine growth restriction on preterm lung disease. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, e552-6. | 1.5 | 26 |
| 88 | Unraveling the Links Between the Initiation of Ventilation and Brain Injury in Preterm Infants. Frontiers in Pediatrics, 2015, 3, 97. | 1.9 | 40 |
| 89 | Cerebrovascular adaptations to chronic hypoxia in the growth restricted lamb. International Journal of Developmental Neuroscience, 2015, 45, 55-65. | 1.6 | 52 |
| 90 | Circulatory Responses to Asphyxia Differ if the Asphyxia Occurs In Utero or Ex Utero in Near-Term Lambs. PLoS ONE, 2014, 9, e112264. | 2.5 | 19 |

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|-----|--|-----|-----------|
| 91 | The challenge of protecting the perinatal brain against hypoxic ischaemic injury – hasten slowly. Journal of Physiology, 2014, 592, 425-426. | 2.9 | 1 |
| 92 | Could Cord Blood Cell Therapy Reduce Preterm Brain Injury?. Frontiers in Neurology, 2014, 5, 200. | 2.4 | 37 |
| 93 | Antenatal antioxidant treatment with melatonin to decrease newborn neurodevelopmental deficits and brain injury caused by fetal growth restriction. Journal of Pineal Research, 2014, 56, 283-294. | 7.4 | 134 |
| 94 | Respiratory support for premature neonates in the delivery room: effects on cardiovascular function and the development of brain injury. Pediatric Research, 2014, 75, 682-688. | 2.3 | 63 |
| 95 | Detecting brain injury in neonatal hypoxic ischemic encephalopathy: Closing the gap between experimental and clinical research. Experimental Neurology, 2014, 261, 281-290. | 4.1 | 43 |
| 96 | Maternal melatonin administration mitigates coronary stiffness and endothelial dysfunction, and improves heart resilience to insult in growth restricted lambs. Journal of Physiology, 2014, 592, 2695-2709. | 2.9 | 50 |
| 97 | The effects of betamethasone on allopregnanolone concentrations and brain development in preterm fetal sheep. Neuropharmacology, 2014, 85, 342-348. | 4.1 | 10 |
| 98 | The Efficacy of Surfactant Replacement Therapy in the Growth-Restricted Preterm Infant: What is the Evidence?. Frontiers in Pediatrics, 2014, 2, 118. | 1.9 | 7 |
| 99 | Protective Ventilation of Preterm Lambs Exposed to Acute Chorioamnionitis Does Not Reduce Ventilation-Induced Lung or Brain Injury. PLoS ONE, 2014, 9, e112402. | 2.5 | 25 |
| 100 | Human Amnion Epithelial Cells Reduce Fetal Brain Injury in Response to Intrauterine Inflammation. Developmental Neuroscience, 2013, 35, 272-282. | 2.0 | 68 |
| 101 | Antenatal melatonin as an antioxidant in human pregnancies complicated by fetal growth restriction—a phase I pilot clinical trial: study protocol. BMJ Open, 2013, 3, e004141. | 1.9 | 48 |
| 102 | Stem cell therapy to protect and repair the developing brain: a review of mechanisms of action of cord blood and amnion epithelial derived cells. Frontiers in Neuroscience, 2013, 7, 194. | 2.8 | 97 |
| 103 | Experimental Modelling of the Consequences of Brief Late Gestation Asphyxia on Newborn Lamb Behaviour and Brain Structure. PLoS ONE, 2013, 8, e77377. | 2.5 | 38 |
| 104 | Effect of Antenatal Steroids on Haemodynamics in the Normally Grown and Growth Restricted Fetus. Current Pediatric Reviews, 2013, 9, 67-74. | 0.8 | 8 |
| 105 | Effect of Antenatal Steroids on Haemodynamics in the Normally Grown and Growth Restricted Fetus. Current Pediatric Reviews, 2013, 9, 67-74. | 0.8 | 1 |
| 106 | The effects of intrauterine growth restriction and antenatal glucocorticoids on ovine fetal lung development. Pediatric Research, 2012, 71, 689-696. | 2.3 | 41 |
| 107 | Antioxidant Therapies: A Potential Role in Perinatal Medicine. Neuroendocrinology, 2012, 96, 13-23. | 2.5 | 77 |
| 108 | Mechanisms of Melatonin-Induced Protection in the Brain of Late Gestation Fetal Sheep in Response to Hypoxia. Developmental Neuroscience, 2012, 34, 543-551. | 2.0 | 57 |

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|-----|---|-----|-----------|
| 109 | Glucocorticoid treatment does not alter early cardiac adaptations to growth restriction in preterm sheep fetuses. BJOG: an International Journal of Obstetrics and Gynaecology, 2012, 119, 906-914. | 2.3 | 10 |
| 110 | Antenatal glucocorticoids reduce growth in appropriately grown and growth-restricted ovine fetuses in a sex-specific manner. Reproduction, Fertility and Development, 2012, 24, 753. | 0.4 | 24 |
| 111 | Human amnion epithelial cells reduce ventilation-induced preterm lung injury in fetal sheep. American Journal of Obstetrics and Gynecology, 2012, 206, 448.e8-448.e15. | 1.3 | 78 |
| 112 | Initiation of Resuscitation with High Tidal Volumes Causes Cerebral Hemodynamic Disturbance, Brain Inflammation and Injury in Preterm Lambs. PLoS ONE, 2012, 7, e39535. | 2.5 | 107 |
| 113 | Anti-inflammatory therapy in an ovine model of fetal hypoxia induced by single umbilical artery ligation. Reproduction, Fertility and Development, 2011, 23, 346. | 0.4 | 17 |
| 114 | The effect of hypoxia on the functional and structural development of the chick brain. International Journal of Developmental Neuroscience, 2010, 28, 343-350. | 1.6 | 10 |
| 115 | Cardiovascular responses to maternal betamethasone administration in the intrauterine growth–restricted ovine fetus. American Journal of Obstetrics and Gynecology, 2009, 201, 613.e1-613.e8. | 1.3 | 56 |
| 116 | The effects of sildenafil citrate (Viagra) on uterine blood flow and well being in the intrauterine growth-restricted fetus. American Journal of Obstetrics and Gynecology, 2009, 200, 102.e1-102.e7. | 1.3 | 60 |
| 117 | Importance of adrenergic receptors in prenatally induced cognitive impairment in the domestic chick. International Journal of Developmental Neuroscience, 2009, 27, 27-35. | 1.6 | 5 |
| 118 | The effect of hypoxia at different embryonic ages on impairment of memory ability in chicks. International Journal of Developmental Neuroscience, 2008, 26, 113-118. | 1.6 | 14 |
| 119 | The Effects of Maternal Betamethasone Administration on the Intrauterine Growth-Restricted Fetus. Endocrinology, 2007, 148, 1288-1295. | 2.8 | 91 |
| 120 | Basic science: Chronic fetal hypoxia increases activin A concentrations in the lateâ€pregnant sheep. BJOG: an International Journal of Obstetrics and Gynaecology, 2006, 113, 102-109. | 2.3 | 51 |
| 121 | The role of corticosterone in prehatch-induced memory deficits in chicks. Brain Research, 2006, 1123, 34-41. | 2.2 | 20 |
| 122 | Novel method for in vivo hydroxyl radical measurement by microdialysis in fetal sheep brain in utero. Journal of Applied Physiology, 2005, 98, 2304-2310. | 2.5 | 61 |
| 123 | Melatonin Provides Neuroprotection in the Late-Gestation Fetal Sheep Brain in Response to Umbilical Cord Occlusion. Developmental Neuroscience, 2005, 27, 200-210. | 2.0 | 131 |
| 124 | Hypoxia induced activin secretion by the fetoplacental unit: differential responses related to gestation. BJOG: an International Journal of Obstetrics and Gynaecology, 2004, 111, 1346-1352. | 2.3 | 9 |
| 125 | The effect of prenatal hypoxia and malnutrition on memory consolidation in the chick. Developmental Brain Research, 2004, 148, 113-119. | 1.7 | 24 |
| 126 | Cardiovascular and endocrine responses to cutaneous electrical stimulation after fentanyl in the ovine fetus. American Journal of Obstetrics and Gynecology, 2004, 190, 836-842. | 1.3 | 12 |

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|-----|---|-----|-----------|
| 127 | Effect of graded hypoxia on activin A, prostaglandin E2 and cortisol levels in the late-pregnant sheep. Reproduction, Fertility and Development, 2004, 16, 625. | 0.4 | 10 |
| 128 | Magnetic resonance proton spectroscopy and diffusion weighted imaging of chick embryo brain in ovo. Developmental Brain Research, 2003, 141, 101-107. | 1.7 | 18 |
| 129 | The effect of systemic administration of lipopolysaccharide on cerebral haemodynamics and oxygenation in the 0.65 gestation ovine fetus in utero. BJOC: an International Journal of Obstetrics and Gynaecology, 2003, 110, 735-743. | 2.3 | 49 |
| 130 | The effect of systemic administration of lipopolysaccharide on cerebral haemodynamics and oxygenation in the 0.65 gestation ovine fetus in utero. BJOG: an International Journal of Obstetrics and Gynaecology, 2003, 110, 735-43. | 2.3 | 8 |
| 131 | Effects of chronic hypoxia and protein malnutrition on growth in the developing chick. American Journal of Obstetrics and Gynecology, 2002, 186, 261-267. | 1.3 | 74 |
| 132 | Effect of nitric oxide synthase inhibition on the uterine vasculature of the late-pregnant ewe. American Journal of Obstetrics and Gynecology, 1999, 180, 1138-1145. | 1.3 | 39 |
| 133 | Effects of hyperthermia on uterine blood flow and shunting through uterine arteriovenous anastomoses in the late-pregnant ewe. Reproduction, Fertility and Development, 1999, 11, 201. | 0.4 | 2 |
| 134 | PHYSIOLOGICAL EVIDENCE FOR ARTERIOVENOUS ANASTOMOSES IN THE UTERINE CIRCULATION OF LATE-PREGNANT EWES. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 92-98. | 1.9 | 3 |
| 135 | Source of Inhibin in Ovine Fetal Plasma and Amniotic Fluid during Late Gestation: Half-Life of Fetal Inhibin1. Biology of Reproduction, 1997, 57, 347-353. | 2.7 | 6 |
| 136 | Umbilical Cord Blood Cells for Perinatal Brain Injury: The Right Cells at the Right Time?. , 0, , . | | 4 |
| 137 | Investigating Pathways of Ventilation Induced Brain Injury on Cerebral White Matter Inflammation and Injury After 24Âh in Preterm Lambs. Frontiers in Physiology, 0, 13, . | 2.8 | 1 |