

Suzanne L Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2610766/publications.pdf>

Version: 2024-02-01

136
papers

4,629
citations

100601

38
h-index

150775

59
g-index

139
all docs

139
docs citations

139
times ranked

4507
citing authors

#	ARTICLE	IF	CITATIONS
1	The consequences of fetal growth restriction on brain structure and neurodevelopmental outcome. <i>Journal of Physiology</i> , 2016, 594, 807-823.	1.3	384
2	Neonatal Morbidities of Fetal Growth Restriction: Pathophysiology and Impact. <i>Frontiers in Endocrinology</i> , 2019, 10, 55.	1.5	237
3	Antenatal antioxidant treatment with melatonin to decrease newborn neurodevelopmental deficits and brain injury caused by fetal growth restriction. <i>Journal of Pineal Research</i> , 2014, 56, 283-294.	3.4	134
4	Melatonin Provides Neuroprotection in the Late-Gestation Fetal Sheep Brain in Response to Umbilical Cord Occlusion. <i>Developmental Neuroscience</i> , 2005, 27, 200-210.	1.0	131
5	Preterm Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Pediatrics</i> , 2016, 4, 114.	0.9	108
6	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.	1.1	107
7	Melatonin improves endothelial function in vitro and prolongs pregnancy in women with early-onset preeclampsia. <i>Journal of Pineal Research</i> , 2018, 65, e12508.	3.4	103
8	Stem cell therapy to protect and repair the developing brain: a review of mechanisms of action of cord blood and amnion epithelial derived cells. <i>Frontiers in Neuroscience</i> , 2013, 7, 194.	1.4	97
9	The Effects of Maternal Betamethasone Administration on the Intrauterine Growth-Restricted Fetus. <i>Endocrinology</i> , 2007, 148, 1288-1295.	1.4	91
10	The Neurovascular Unit: Effects of Brain Insults During the Perinatal Period. <i>Frontiers in Neuroscience</i> , 2019, 13, 1452.	1.4	84
11	Human amnion epithelial cells reduce ventilation-induced preterm lung injury in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 448.e8-448.e15.	0.7	78
12	Antioxidant Therapies: A Potential Role in Perinatal Medicine. <i>Neuroendocrinology</i> , 2012, 96, 13-23.	1.2	77
13	Effects of chronic hypoxia and protein malnutrition on growth in the developing chick. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 261-267.	0.7	74
14	Effects of umbilical cord blood cells, and subtypes, to reduce neuroinflammation following perinatal hypoxic-ischemic brain injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 47.	3.1	74
15	Preterm white matter brain injury is prevented by early administration of umbilical cord blood cells. <i>Experimental Neurology</i> , 2016, 283, 179-187.	2.0	71
16	Human Amnion Epithelial Cells Reduce Fetal Brain Injury in Response to Intrauterine Inflammation. <i>Developmental Neuroscience</i> , 2013, 35, 272-282.	1.0	68
17	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, 682-688.	1.1	63
18	Cord blood mononuclear cells prevent neuronal apoptosis in response to perinatal asphyxia in the newborn lamb. <i>Journal of Physiology</i> , 2016, 594, 1421-1435.	1.3	62

#	ARTICLE	IF	CITATIONS
19	Novel method for in vivo hydroxyl radical measurement by microdialysis in fetal sheep brain in utero. <i>Journal of Applied Physiology</i> , 2005, 98, 2304-2310.	1.2	61
20	The effects of sildenafil citrate (Viagra) on uterine blood flow and well being in the intrauterine growth-restricted fetus. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 102.e1-102.e7.	0.7	60
21	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.	1.4	60
22	Perinatal Brain Injury As a Consequence of Preterm Birth and Intrauterine Inflammation: Designing Targeted Stem Cell Therapies. <i>Frontiers in Neuroscience</i> , 2017, 11, 200.	1.4	59
23	Mechanisms of Melatonin-Induced Protection in the Brain of Late Gestation Fetal Sheep in Response to Hypoxia. <i>Developmental Neuroscience</i> , 2012, 34, 543-551.	1.0	57
24	Cardiovascular responses to maternal betamethasone administration in the intrauterine growth-restricted ovine fetus. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 201, 613.e1-613.e8.	0.7	56
25	Cerebrovascular adaptations to chronic hypoxia in the growth restricted lamb. <i>International Journal of Developmental Neuroscience</i> , 2015, 45, 55-65.	0.7	52
26	Basic science: Chronic fetal hypoxia increases activin A concentrations in the late-pregnant sheep. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 113, 102-109.	1.1	51
27	Maternal melatonin administration mitigates coronary stiffness and endothelial dysfunction, and improves heart resilience to insult in growth restricted lambs. <i>Journal of Physiology</i> , 2014, 592, 2695-2709.	1.3	50
28	Ventilation-Induced Brain Injury in Preterm Neonates: A Review of Potential Therapies. <i>Neonatology</i> , 2016, 110, 155-162.	0.9	50
29	The effect of systemic administration of lipopolysaccharide on cerebral haemodynamics and oxygenation in the 0.65 gestation ovine fetus in utero. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2003, 110, 735-743.	1.1	49
30	Delayed intranasal infusion of human amnion epithelial cells improves white matter maturation after asphyxia in preterm fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 223-239.	2.4	49
31	Antenatal melatonin as an antioxidant in human pregnancies complicated by fetal growth restriction—a phase I pilot clinical trial: study protocol. <i>BMJ Open</i> , 2013, 3, e004141.	0.8	48
32	Detection and assessment of brain injury in the growth-restricted fetus and neonate. <i>Pediatric Research</i> , 2017, 82, 184-193.	1.1	48
33	Preterm growth restriction and bronchopulmonary dysplasia: the vascular hypothesis and related physiology. <i>Journal of Physiology</i> , 2019, 597, 1209-1220.	1.3	46
34	The Beneficial Effects of Melatonin Administration Following Hypoxia-Ischemia in Preterm Fetal Sheep. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 296.	1.8	45
35	Detecting brain injury in neonatal hypoxic ischemic encephalopathy: Closing the gap between experimental and clinical research. <i>Experimental Neurology</i> , 2014, 261, 281-290.	2.0	43
36	Early- versus Late-Onset Fetal Growth Restriction Differentially Affects the Development of the Fetal Sheep Brain. <i>Developmental Neuroscience</i> , 2017, 39, 141-155.	1.0	43

#	ARTICLE	IF	CITATIONS
37	Systemic and transdermal melatonin administration prevents neuropathology in response to perinatal asphyxia in newborn lambs. <i>Journal of Pineal Research</i> , 2018, 64, e12479.	3.4	43
38	Intranasal Delivery of Mesenchymal Stromal Cells Protects against Neonatal Hypoxic-Ischemic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2449.	1.8	43
39	The effects of intrauterine growth restriction and antenatal glucocorticoids on ovine fetal lung development. <i>Pediatric Research</i> , 2012, 71, 689-696.	1.1	41
40	Unraveling the Links Between the Initiation of Ventilation and Brain Injury in Preterm Infants. <i>Frontiers in Pediatrics</i> , 2015, 3, 97.	0.9	40
41	Umbilical cord blood cells for treatment of cerebral palsy; timing and treatment options. <i>Pediatric Research</i> , 2018, 83, 333-344.	1.1	40
42	Effect of nitric oxide synthase inhibition on the uterine vasculature of the late-pregnant ewe. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 180, 1138-1145.	0.7	39
43	In situ phase contrast X-ray brain CT. <i>Scientific Reports</i> , 2018, 8, 11412.	1.6	39
44	Preterm umbilical cord blood derived mesenchymal stem/stromal cells protect preterm white matter brain development against hypoxia-ischemia. <i>Experimental Neurology</i> , 2018, 308, 120-131.	2.0	39
45	Experimental Modelling of the Consequences of Brief Late Gestation Asphyxia on Newborn Lamb Behaviour and Brain Structure. <i>PLoS ONE</i> , 2013, 8, e77377.	1.1	38
46	Could Cord Blood Cell Therapy Reduce Preterm Brain Injury?. <i>Frontiers in Neurology</i> , 2014, 5, 200.	1.1	37
47	Ganaxolone: A New Treatment for Neonatal Seizures. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 246.	1.8	37
48	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.	1.0	37
49	Umbilical cord blood versus mesenchymal stem cells for inflammation-induced preterm brain injury in fetal sheep. <i>Pediatric Research</i> , 2019, 86, 165-173.	1.1	36
50	Human Amnion Epithelial Cells Protect against White Matter Brain Injury after Repeated Endotoxin Exposure in the Preterm Ovine Fetus. <i>Cell Transplantation</i> , 2017, 26, 541-553.	1.2	35
51	Cardiac Morphology and Function in Preterm Growth Restricted Infants: Relevance for Clinical Sequelae. <i>Journal of Pediatrics</i> , 2017, 188, 128-134.e2.	0.9	34
52	Effects of Antenatal Melatonin Treatment on the Cerebral Vasculature in an Ovine Model of Fetal Growth Restriction. <i>Developmental Neuroscience</i> , 2017, 39, 323-337.	1.0	33
53	Term vs. preterm cord blood cells for the prevention of preterm brain injury. <i>Pediatric Research</i> , 2017, 82, 1030-1038.	1.1	31
54	Haemodynamic Instability and Brain Injury in Neonates Exposed to Hypoxia-Ischaemia. <i>Brain Sciences</i> , 2019, 9, 49.	1.1	30

#	ARTICLE	IF	CITATIONS
55	Altered cardiovascular function at birth in growth-restricted preterm lambs. <i>Pediatric Research</i> , 2016, 80, 538-546.	1.1	29
56	Editorial: Causes and Consequences of Intrauterine Growth Restriction. <i>Frontiers in Endocrinology</i> , 2020, 11, 205.	1.5	29
57	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.	1.1	29
58	Vascular aging and cardiac maladaptation in growth-restricted preterm infants. <i>Journal of Perinatology</i> , 2018, 38, 92-97.	0.9	27
59	Human Umbilical Cord Therapy Improves Long-Term Behavioral Outcomes Following Neonatal Hypoxic Ischemic Brain Injury. <i>Frontiers in Physiology</i> , 2019, 10, 283.	1.3	27
60	Impact of intrauterine growth restriction on preterm lung disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, e552-6.	0.7	26
61	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.	1.1	25
62	The effect of prenatal hypoxia and malnutrition on memory consolidation in the chick. <i>Developmental Brain Research</i> , 2004, 148, 113-119.	2.1	24
63	Antenatal glucocorticoids reduce growth in appropriately grown and growth-restricted ovine fetuses in a sex-specific manner. <i>Reproduction, Fertility and Development</i> , 2012, 24, 753.	0.1	24
64	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.	0.9	24
65	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.	3.1	23
66	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. <i>BMJ Open</i> , 2019, 9, e028243.	0.8	22
67	Multiple doses of umbilical cord blood cells improve long-term brain injury in the neonatal rat. <i>Brain Research</i> , 2020, 1746, 147001.	1.1	21
68	The role of corticosterone in prehatch-induced memory deficits in chicks. <i>Brain Research</i> , 2006, 1123, 34-41.	1.1	20
69	Neurovascular effects of umbilical cord blood-derived stem cells in growth-restricted newborn lambs. <i>Stem Cell Research and Therapy</i> , 2020, 11, 17.	2.4	20
70	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.	1.1	19
71	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-L223.	1.3	19
72	Effects of intrauterine growth restriction on sleep and the cardiovascular system: The use of melatonin as a potential therapy?. <i>Sleep Medicine Reviews</i> , 2016, 26, 64-73.	3.8	19

#	ARTICLE	IF	CITATIONS
73	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.	1.8	19
74	Placental histopathology in preterm fetal growth restriction. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 582-587.	0.4	19
75	Magnetic resonance proton spectroscopy and diffusion weighted imaging of chick embryo brain in ovo. <i>Developmental Brain Research</i> , 2003, 141, 101-107.	2.1	18
76	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.	1.3	18
77	Anti-inflammatory therapy in an ovine model of fetal hypoxia induced by single umbilical artery ligation. <i>Reproduction, Fertility and Development</i> , 2011, 23, 346.	0.1	17
78	Effects of antenatal melatonin therapy on lung structure in growth-restricted newborn lambs. <i>Journal of Applied Physiology</i> , 2017, 123, 1195-1203.	1.2	17
79	Altered trajectory of neurodevelopment associated with fetal growth restriction. <i>Experimental Neurology</i> , 2022, 347, 113885.	2.0	17
80	Effects of Maternal Sildenafil Treatment on Vascular Function in Growth-Restricted Fetal Sheep. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 731-740.	1.1	16
81	Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. <i>Molecular Human Reproduction</i> , 2019, 25, 495-505.	1.3	15
82	Advanced MRI analysis to detect white matter brain injury in growth restricted newborn lambs. <i>NeuroImage: Clinical</i> , 2019, 24, 101991.	1.4	15
83	Umbilical Cord Blood and Cord Tissue-Derived Cell Therapies for Neonatal Morbidities: Current Status and Future Challenges. <i>Stem Cells Translational Medicine</i> , 2022, 11, 135-145.	1.6	15
84	The effect of hypoxia at different embryonic ages on impairment of memory ability in chicks. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 113-118.	0.7	14
85	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, 1103-1108.	0.4	14
86	Fetal Growth Restriction Alters Cerebellar Development in Fetal and Neonatal Sheep. <i>Frontiers in Physiology</i> , 2019, 10, 560.	1.3	14
87	Dopamine treatment during acute hypoxia is neuroprotective in the developing sheep brain. <i>Neuroscience</i> , 2016, 316, 82-93.	1.1	13
88	Midkine: The Who, What, Where, and When of a Promising Neurotrophic Therapy for Perinatal Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 568814.	1.1	13
89	Autologous transplantation of umbilical cord blood-derived cells in extreme preterm infants: protocol for a safety and feasibility study. <i>BMJ Open</i> , 2020, 10, e036065.	0.8	13
90	Window of opportunity for human amnion epithelial stem cells to attenuate astrogliosis after umbilical cord occlusion in preterm fetal sheep. <i>Stem Cells Translational Medicine</i> , 2021, 10, 427-440.	1.6	13

#	ARTICLE	IF	CITATIONS
91	Cardiovascular and endocrine responses to cutaneous electrical stimulation after fentanyl in the ovine fetus. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 836-842.	0.7	12
92	Antenatal prevention of cerebral palsy and childhood disability: is the impossible possible?. <i>Journal of Physiology</i> , 2018, 596, 5593-5609.	1.3	12
93	Cardiovascular and Cerebrovascular Implications of Growth Restriction: Mechanisms and Potential Treatments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7555.	1.8	12
94	Neural Stem Cell Treatment for Perinatal Brain Injury: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1621-1636.	1.6	12
95	Excess cerebral oxygen delivery follows return of spontaneous circulation in near-term asphyxiated lambs. <i>Scientific Reports</i> , 2020, 10, 16443.	1.6	11
96	Maternal sildenafil impairs the cardiovascular adaptations to chronic hypoxaemia in fetal sheep. <i>Journal of Physiology</i> , 2020, 598, 4405-4419.	1.3	11
97	The effect of hypoxia on the functional and structural development of the chick brain. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 343-350.	0.7	10
98	Glucocorticoid treatment does not alter early cardiac adaptations to growth restriction in preterm sheep fetuses. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 906-914.	1.1	10
99	The effects of betamethasone on allopregnanolone concentrations and brain development in preterm fetal sheep. <i>Neuropharmacology</i> , 2014, 85, 342-348.	2.0	10
100	Umbilical cord blood therapy modulates neonatal hypoxic ischemic brain injury in both females and males. <i>Scientific Reports</i> , 2021, 11, 15788.	1.6	10
101	Effect of graded hypoxia on activin A, prostaglandin E2 and cortisol levels in the late-pregnant sheep. <i>Reproduction, Fertility and Development</i> , 2004, 16, 625.	0.1	10
102	Hypoxia induced activin secretion by the fetoplacental unit: differential responses related to gestation. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 1346-1352.	1.1	9
103	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.	0.4	9
104	Impact of Acute and Chronic Hypoxia-Ischemia on the Transitional Circulation. <i>Pediatrics</i> , 2021, 147, .	1.0	9
105	Melatonin augments the neuroprotective effects of hypothermia in lambs following perinatal asphyxia. <i>Journal of Pineal Research</i> , 2021, 71, e12744.	3.4	9
106	Does growth restriction increase the vulnerability to acute ventilation-induced brain injury in newborn lambs? Implications for future health and disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 556-565.	0.7	8
107	Effect of Antenatal Steroids on Haemodynamics in the Normally Grown and Growth Restricted Fetus. <i>Current Pediatric Reviews</i> , 2013, 9, 67-74.	0.4	8
108	The effect of systemic administration of lipopolysaccharide on cerebral haemodynamics and oxygenation in the 0.65 gestation ovine fetus in utero. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2003, 110, 735-43.	1.1	8

#	ARTICLE	IF	CITATIONS
109	The Efficacy of Surfactant Replacement Therapy in the Growth-Restricted Preterm Infant: What is the Evidence?. <i>Frontiers in Pediatrics</i> , 2014, 2, 118.	0.9	7
110	Optimization of behavioral testing in a long-term rat model of hypoxic ischemic brain injury. <i>Behavioural Brain Research</i> , 2021, 409, 113322.	1.2	7
111	Source of Inhibin in Ovine Fetal Plasma and Amniotic Fluid during Late Gestation: Half-Life of Fetal Inhibin1. <i>Biology of Reproduction</i> , 1997, 57, 347-353.	1.2	6
112	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.	1.1	6
113	Importance of adrenergic receptors in prenatally induced cognitive impairment in the domestic chick. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 27-35.	0.7	5
114	Impact of intra- and extrauterine growth on bone mineral density and content in the neonatal period of very-low-birth-weight infants. <i>Early Human Development</i> , 2016, 92, 1-6.	0.8	5
115	Description of a method for inducing fetal growth restriction in the spiny mouse. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 550-555.	0.7	5
116	The Effect of Antenatal Betamethasone on White Matter Inflammation and Injury in Fetal Sheep and Ventilated Preterm Lambs. <i>Developmental Neuroscience</i> , 2018, 40, 497-507.	1.0	5
117	Multiple Doses of Umbilical Cord Blood Cells Improve Long-Term Perinatal Brain Injury. <i>Stem Cells Translational Medicine</i> , 2020, 9, S3-S3.	1.6	5
118	Respiratory Support of the Preterm Neonate: Lessons About Ventilation-Induced Brain Injury From Large Animal Models. <i>Frontiers in Neurology</i> , 2020, 11, 862.	1.1	5
119	An Optimized and Detailed Step-by-Step Protocol for the Analysis of Neuronal Morphology in Golgi-Stained Fetal Sheep Brain. <i>Developmental Neuroscience</i> , 2022, 44, 344-362.	1.0	5
120	Efficacy of melatonin in term neonatal models of perinatal hypoxia-ischaemia. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 795-809.	1.7	5
121	Umbilical Cord Blood Cells for Perinatal Brain Injury: The Right Cells at the Right Time?. , 0, , .		4
122	Dobutamine treatment reduces inflammation in the preterm fetal sheep brain exposed to acute hypoxia. <i>Pediatric Research</i> , 2018, 84, 442-450.	1.1	4
123	PHYSIOLOGICAL EVIDENCE FOR ARTERIOVENOUS ANASTOMOSES IN THE UTERINE CIRCULATION OF LATE-PREGNANT EWES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 92-98.	0.9	3
124	Melatonin for treating pre-eclampsia. <i>The Cochrane Library</i> , 2016, , .	1.5	3
125	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.	0.9	3
126	Does Antenatal Betamethasone Alter White Matter Brain Development in Growth Restricted Fetal Sheep?. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 100.	1.8	3

#	ARTICLE	IF	CITATIONS
127	Effect of expansion of human umbilical cord blood CD34 ⁺ cells on neurotrophic and angiogenic factor expression and function. <i>Cell and Tissue Research</i> , 2022, 388, 117-132.	1.5	3
128	Melatonin for preventing pre-eclampsia. <i>The Cochrane Library</i> , 2015, , .	1.5	2
129	The Cerebral Hemodynamic Response to Pain in Preterm Infants With Fetal Growth Restriction. <i>Frontiers in Pediatrics</i> , 2020, 8, 268.	0.9	2
130	Effects of hyperthermia on uterine blood flow and shunting through uterine arteriovenous anastomoses in the late-pregnant ewe. <i>Reproduction, Fertility and Development</i> , 1999, 11, 201.	0.1	2
131	Single versus continuous sustained inflations during chest compressions and physiological-based cord clamping in asystolic lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 488-494.	1.4	2
132	The challenge of protecting the perinatal brain against hypoxic ischaemic injury – hasten slowly. <i>Journal of Physiology</i> , 2014, 592, 425-426.	1.3	1
133	Investigating Pathways of Ventilation Induced Brain Injury on Cerebral White Matter Inflammation and Injury After 24h in Preterm Lambs. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1
134	The paradox of the preterm fetus. <i>Journal of Physiology</i> , 2017, 595, 1851-1852.	1.3	0
135	Imaging the Brain In Situ with Phase Contrast CT. <i>Microscopy and Microanalysis</i> , 2018, 24, 354-355.	0.2	0
136	Is Umbilical Cord Blood Therapy an Effective Treatment for Early Lung Injury in Growth Restriction?. <i>Frontiers in Endocrinology</i> , 2020, 11, 86.	1.5	0