

Janna L Morrison

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

185
papers

8,664
citations

38
h-index

90
g-index

198
ext. papers

9,847
ext. citations

3.9
avg, IF

5.78
L-index

#	Paper	IF	Citations
185	Development of an optical fibre based redox monitoring system for tissue metabolism.. <i>Journal of Biophotonics</i> , 2022 , e202100304	3.1	0
184	Maternal-placental-fetal drug metabolism is altered by late gestation undernutrition in the pregnant ewe.. <i>Life Sciences</i> , 2022 , 298, 120521	6.8	0
183	The reliance on adrenergic receptor stimuli for blood pressure regulation in the chronically hypoxaemic fetus is not dependent on post-ganglionic activation. <i>Journal of Physiology</i> , 2021 , 599, 1307-1318	3.9	3
182	Intrauterine growth restriction alters the activity of drug metabolising enzymes in the maternal-placental-fetal unit. <i>Life Sciences</i> , 2021 , 285, 120016	6.8	2
181	Impact of embryo culture and transfer on blood pressure regulation in the adolescent lamb. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 12, 731-737	2.4	0
180	Maternal asthma during pregnancy and risks of allergy and asthma in progeny: a systematic review protocol. <i>JBI Evidence Synthesis</i> , 2021 , 19, 2007-2013	2.1	
179	Achieving sustained extrauterine life: Challenges of an artificial placenta in fetal pigs as a model of the preterm human fetus. <i>Physiological Reports</i> , 2021 , 9, e14742	2.6	2
178	An MRI approach to assess placental function in healthy humans and sheep. <i>Journal of Physiology</i> , 2021 , 599, 2573-2602	3.9	4
177	Increased Alveolar Heparan Sulphate and Reduced Pulmonary Surfactant Amount and Function in the Mucopolysaccharidosis IIIA Mouse. <i>Cells</i> , 2021 , 10,	7.9	3
176	Haemodynamics and cerebral oxygenation of neonatal piglets in the immediate ex utero period supported by mechanical ventilation or ex utero oxygenator. <i>Journal of Physiology</i> , 2021 , 599, 2751-2761	3.9	0
175	Minimal changes in telomere length after a 12-week dietary intervention with almonds in mid-age to older, overweight and obese Australians: results of a randomised clinical trial. <i>British Journal of Nutrition</i> , 2021 , 1-13	3.6	
174	Let's Talk about Placental Sex, Baby: Understanding Mechanisms That Drive Female- and Male-Specific Fetal Growth and Developmental Outcomes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
173	Placental insufficiency induces a sexually dimorphic response in the expression of cardiac growth and metabolic signalling molecules upon exposure to a postnatal western diet in guinea pigs. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-13	2.4	0
172	Neutral Re(I) Complex Platform for Live Intracellular Imaging. <i>Inorganic Chemistry</i> , 2021 , 60, 10173-10185	5.1	2
171	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> , 2021 , 12, 153-167	2.4	2
170	COVID-19: can we treat the mother without harming her baby?. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-11	2.4	2
169	In utero substrate restriction by placental insufficiency or maternal undernutrition decreases optical redox ratio in foetal perirenal fat. <i>Journal of Biophotonics</i> , 2021 , 14, e202000322	3.1	3

168	PPAR α activation in late gestation does not promote surfactant maturation in the fetal sheep lung. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-12	2.4	2
167	Magnetic resonance imaging of placentome development in the pregnant Ewe. <i>Placenta</i> , 2021 , 105, 61-69	3.4	3
166	Impact of resveratrol-mediated increase in uterine artery blood flow on fetal haemodynamics, blood pressure and oxygenation in sheep. <i>Experimental Physiology</i> , 2021 , 106, 1166-1180	2.4	2
165	Reply. <i>Journal of Pediatrics</i> , 2021 , 230, 275-276	3.6	
164	Open or closed: Changes in ductus arteriosus flow patterns at birth using 4D flow MRI in newborn piglets. <i>Physiological Reports</i> , 2021 , 9, e14999	2.6	0
163	Redox ratio in the left ventricle of the growth restricted fetus is positively correlated with cardiac output. <i>Journal of Biophotonics</i> , 2021 , 14, e202100157	3.1	1
162	Impact of maternal late gestation undernutrition on surfactant maturation, pulmonary blood flow and oxygen delivery measured by magnetic resonance imaging in the sheep fetus. <i>Journal of Physiology</i> , 2021 , 599, 4705-4724	3.9	1
161	Identification of placental androgen receptor isoforms in a sheep model of maternal allergic asthma. <i>Placenta</i> , 2021 , 104, 232-235	3.4	3
160	Hepatic cytochrome P450 function is reduced by life-long Western diet consumption in guinea pig independent of birth weight. <i>Life Sciences</i> , 2021 , 287, 120133	6.8	1
159	Normal human and sheep fetal vessel oxygen saturations by T2 magnetic resonance imaging. <i>Journal of Physiology</i> , 2020 , 598, 3259-3281	3.9	19
158	Methamphetamine administration increases hepatic CYP1A2 but not CYP3A α activity in female guinea pigs. <i>PLoS ONE</i> , 2020 , 15, e0233010	3.7	5
157	Technique for comprehensive fetal hepatic blood flow assessment in sheep using 4D flow MRI. <i>Journal of Physiology</i> , 2020 , 598, 3555-3567	3.9	4
156	Identification of Novel miRNAs Involved in Cardiac Repair Following Infarction in Fetal and Adolescent Sheep Hearts. <i>Frontiers in Physiology</i> , 2020 , 11, 614	4.6	3
155	Differential gene responses 3 days following infarction in the fetal and adolescent sheep heart. <i>Physiological Genomics</i> , 2020 , 52, 143-159	3.6	1
154	Cardiorespiratory consequences of intrauterine growth restriction: Influence of timing, severity and duration of hypoxaemia. <i>Theriogenology</i> , 2020 , 150, 84-95	2.8	27
153	Fetal cardiovascular response to acute hypoxia during maternal anesthesia. <i>Physiological Reports</i> , 2020 , 8, e14365	2.6	5
152	Gas Exchange across the Placenta 2020 , 34-56		3
151	The impact of maternal asthma during pregnancy on offspring retinal microvascular structure and its relationship to placental growth factor production in utero. <i>Microcirculation</i> , 2020 , 27, e12622	2.9	1

150	Feasibility of ventricular volumetry by cardiovascular MRI to assess cardiac function in the fetal sheep. <i>Journal of Physiology</i> , 2020 , 598, 2557-2573	3.9	8
149	Fetal Growth Restriction and Hypertension in the Offspring: Mechanistic Links and Therapeutic Directions. <i>Journal of Pediatrics</i> , 2020 , 224, 115-123.e2	3.6	9
148	Detecting metabolic differences in fetal and adult sheep adipose and skeletal muscle tissues. <i>Journal of Biophotonics</i> , 2020 , 13, e201960085	3.1	4
147	The impact of intrauterine growth restriction on cytochrome P450 enzyme expression and activity. <i>Placenta</i> , 2020 , 99, 50-62	3.4	1
146	Development of a method to determine cytochrome P450 1A2, 2C9, 2D6 and 3A4 activity sheep hepatic microsomes. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020 , 106, 106934	1.7	4
145	Umbilical vein infusion of prostaglandin I increases ductus venosus shunting of oxygen-rich blood but does not increase cerebral oxygen delivery in the fetal sheep. <i>Journal of Physiology</i> , 2020 , 598, 4957-4967	3.8	2
144	Fetal hemodynamics and cardiac streaming assessed by 4D flow cardiovascular magnetic resonance in fetal sheep. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 8	6.9	29
143	Maternal allergic asthma during pregnancy alters fetal lung and immune development in sheep: potential mechanisms for programming asthma and allergy. <i>Journal of Physiology</i> , 2019 , 597, 4251-4262	3.9	8
142	Systematic review: Impact of resveratrol exposure during pregnancy on maternal and fetal outcomes in animal models of human pregnancy complications-Are we ready for the clinic?. <i>Pharmacological Research</i> , 2019 , 144, 264-278	10.2	16
141	Differential Response to Injury in Fetal and Adolescent Sheep Hearts in the Immediate Post-myocardial Infarction Period. <i>Frontiers in Physiology</i> , 2019 , 10, 208	4.6	11
140	Feasibility of phase-contrast cine magnetic resonance imaging for measuring blood flow in the sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R780-R792	3.2	16
139	Placental glucocorticoid receptor isoforms in a sheep model of maternal allergic asthma. <i>Placenta</i> , 2019 , 83, 33-36	3.4	6
138	Arginine vasopressin improves cerebral perfusion following controlled haemorrhage in adult ewes. <i>Journal of Physiology</i> , 2019 , 597, 4165-4173	3.9	1
137	Considerations in selecting postoperative analgesia for pregnant sheep following fetal instrumentation surgery. <i>Animal Frontiers</i> , 2019 , 9, 60-67	5.5	19
136	Subcutaneous maternal resveratrol treatment increases uterine artery blood flow in the pregnant ewe and increases fetal but not cardiac growth. <i>Journal of Physiology</i> , 2019 , 597, 5063-5077	3.9	13
135	Guinea pig models for translation of the developmental origins of health and disease hypothesis into the clinic. <i>Journal of Physiology</i> , 2018 , 596, 5535-5569	3.9	62
134	Maternal undernutrition in late gestation increases IGF2 signalling molecules and collagen deposition in the right ventricle of the fetal sheep heart. <i>Journal of Physiology</i> , 2018 , 596, 2345-2358	3.9	17
133	Maternal sleep during pregnancy and poor fetal outcomes: A scoping review of the literature with meta-analysis. <i>Sleep Medicine Reviews</i> , 2018 , 41, 197-219	10.2	85

132	Does poor fetal growth influence the extent of fetal exposure to maternal medications?. <i>Pharmacological Research</i> , 2018 , 130, 74-84	10.2	8
131	Label-free imaging of healthy and infarcted fetal sheep hearts by two-photon microscopy. <i>Journal of Biophotonics</i> , 2018 , 11, e201600296	3.1	5
130	Label-free imaging of redox status and collagen deposition showing metabolic differences in the heart. <i>Journal of Biophotonics</i> , 2018 , 11, e201700242	3.1	6
129	IUGR decreases cardiomyocyte endowment and alters cardiac metabolism in a sex- and cause-of-IUGR-specific manner. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R48-R67	3.2	21
128	Intrauterine growth restriction may reduce hepatic drug metabolism in the early neonatal period. <i>Pharmacological Research</i> , 2018 , 134, 68-78	10.2	10
127	Bright lights down under: Metal ion complexes turning the spotlight on metabolic processes at the cellular level. <i>Coordination Chemistry Reviews</i> , 2018 , 375, 234-255	23.2	7
126	Modifying Maternal Sleep Position in Late Pregnancy Through Positional Therapy: A Feasibility Study. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 1387-1397	3.1	11
125	Improving pregnancy outcomes in humans through studies in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R1123-R1153	3.2	74
124	And the beat goes on. <i>Journal of Physiology</i> , 2018 , 596, 5073-5074	3.9	
123	The role of miRNA regulation in fetal cardiomyocytes, cardiac maturation and the risk of heart disease in adults. <i>Journal of Physiology</i> , 2018 , 596, 5625-5640	3.9	22
122	Mitochondrial imaging in live or fixed tissues using a luminescent iridium complex. <i>Scientific Reports</i> , 2018 , 8, 8191	4.9	23
121	Akt signaling as a mediator of cardiac adaptation to low birth weight. <i>Journal of Endocrinology</i> , 2017 , 233, R81-R94	4.7	15
120	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> , 2017 , 595, 4329-4350	3.9	13
119	Australian Perspectives: Outcomes from the 2016 ANZ DOHaD Scientific Meeting. <i>Journal of Developmental Origins of Health and Disease</i> , 2017 , 8, 510-511	2.4	
118	Normalisation of surfactant protein -A and -B expression in the lungs of low birth weight lambs by 21 days old. <i>PLoS ONE</i> , 2017 , 12, e0181185	3.7	8
117	Feasibility of detecting myocardial infarction in the sheep fetus using late gadolinium enhancement CMR imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 69	6.9	21
116	Antidepressant Use in Late Gestation and Breastfeeding Rates at Discharge from Hospital. <i>Journal of Human Lactation</i> , 2017 , 33, 701-709	2.6	7
115	Differential effects of late gestation maternal overnutrition on the regulation of surfactant maturation in fetal and postnatal life. <i>Journal of Physiology</i> , 2017 , 595, 6635-6652	3.9	12

114	Investigating Intracellular Localisation and Cytotoxicity Trends for Neutral and Cationic Iridium Tetrazolato Complexes in Live Cells. <i>Chemistry - A European Journal</i> , 2017 , 23, 15666-15679	4.8	46
113	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> , 2017 , 21, 11-18	4.8	21
112	Chronic hypoxaemia as a molecular regulator of fetal lung development: implications for risk of respiratory complications at birth. <i>Paediatric Respiratory Reviews</i> , 2017 , 21, 3-10	4.8	13
111	Adverse Intrauterine Environment and Cardiac miRNA Expression. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14
110	Gene expression allelic imbalance in ovine brown adipose tissue impacts energy homeostasis. <i>PLoS ONE</i> , 2017 , 12, e0180378	3.7	6
109	The early origins of obesity and insulin resistance: timing, programming and mechanisms. <i>International Journal of Obesity</i> , 2016 , 40, 229-38	5.5	87
108	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> , 2016 , 310, R1226-43	3.2	14
107	Is There a Dirty Side to Personal Care Products?. <i>Endocrinology</i> , 2016 , 157, 2575-7	4.8	
106	Development of an experimental model of maternal allergic asthma during pregnancy. <i>Journal of Physiology</i> , 2016 , 594, 1311-25	3.9	14
105	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> , 2016 , 594, 1399-420	3.9	20
104	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
103	Impact of maternal undernutrition around the time of conception on factors regulating hepatic lipid metabolism and microRNAs in singleton and twin fetuses. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E148-59	6	9
102	Early restriction of placental growth results in placental structural and gene expression changes in late gestation independent of fetal hypoxemia. <i>Physiological Reports</i> , 2016 , 4, e13049	2.6	26
101	Prenatal antidepressant exposure and child behavioural outcomes at 7 years of age: a study within the Danish National Birth Cohort. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 1919-1928	3.7	31
100	A review of fundamental principles for animal models of DOHaD research: an Australian perspective. <i>Journal of Developmental Origins of Health and Disease</i> , 2016 , 7, 449-472	2.4	72
99	Limited fetal metabolism of rosiglitazone: Elimination via the maternal compartment in the pregnant ewe. <i>Reproductive Toxicology</i> , 2016 , 61, 162-8	3.4	6
98	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> , 2016 , 23, 1459-1472	3	11
97	Recent developments on the role of epigenetics in obesity and metabolic disease. <i>Clinical Epigenetics</i> , 2015 , 7, 66	7.7	112

96	IGF-2R-Gq signaling and cardiac hypertrophy in the low-birth-weight lamb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R627-35	3.2	23
95	Low birth weight activates the renin-angiotensin system, but limits cardiac angiogenesis in early postnatal life. <i>Physiological Reports</i> , 2015 , 3, e12270	2.6	20
94	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> , 2015 , 309, L84-97	5.8	24
93	Regulation of microRNA during cardiomyocyte maturation in sheep. <i>BMC Genomics</i> , 2015 , 16, 541	4.5	14
92	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> , 2015 , 63, 866-78	3.4	13
91	Effect of periconceptional nutrition on the growth, behaviour and survival of the neonatal lamb. <i>Animal Reproduction Science</i> , 2015 , 160, 12-22	2.1	12
90	Impact of chronic hypoxemia on blood flow to the brain, heart, and adrenal gland in the late-gestation IUGR sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R151-62	3.2	79
89	Epigenetics and human obesity. <i>International Journal of Obesity</i> , 2015 , 39, 85-97	5.5	226
88	Postnatal consequences of prenatal nicotine exposure. Preface. <i>Journal of Developmental Origins of Health and Disease</i> , 2015 , 6, 161-2	2.4	
87	Impact of periconceptional and preimplantation undernutrition on factors regulating myogenesis and protein synthesis in muscle of singleton and twin fetal sheep. <i>Physiological Reports</i> , 2015 , 3, e12495	2.6	11
86	Placental adaptations in growth restriction. <i>Nutrients</i> , 2015 , 7, 360-89	6.7	137
85	Evolution, Development, and Function of the Pulmonary Surfactant System in Normal and Perturbed Environments. <i>Comprehensive Physiology</i> , 2015 , 6, 363-422	7.7	19
84	The periconceptional environment and cardiovascular disease: does in vitro embryo culture and transfer influence cardiovascular development and health?. <i>Nutrients</i> , 2015 , 7, 1378-425	6.7	25
83	Maternal Nutrient Restriction Alters Ca ²⁺ Handling Properties and Contractile Function of Isolated Left Ventricle Bundles in Male But Not Female Juvenile Rats. <i>PLoS ONE</i> , 2015 , 10, e0138388	3.7	17
82	Effect of Environment and Aging on the Pulmonary Surfactant System 2014 , 447-469		1
81	Embryo number and periconceptional undernutrition in the sheep have differential effects on adrenal epigenotype, growth, and development. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E141-50	6	23
80	Impact of embryo number and maternal undernutrition around the time of conception on insulin signaling and gluconeogenic factors and microRNAs in the liver of fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1013-24	6	31
79	Exposure to rosiglitazone, a PPAR- γ agonist, in late gestation reduces the abundance of factors regulating cardiac metabolism and cardiomyocyte size in the sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 306, R429-37	3.2	13

78	Reply to Dr Kawada: late-gestation selective serotonin reuptake inhibitor exposure and perinatal mortality. <i>Journal of Clinical Psychopharmacology</i> , 2014 , 34, 751-2	1.7	
77	Impact of maternal overnutrition on gluconeogenic factors and methylation of the phosphoenolpyruvate carboxykinase promoter in the fetal and postnatal liver. <i>Pediatric Research</i> , 2014 , 75, 14-21	3.2	9
76	Effects of Maternal Hypoxia during Pregnancy on Bone Development in Offspring: A Guinea Pig Model. <i>International Journal of Endocrinology</i> , 2014 , 2014, 916918	2.7	8
75	Maternal obesity or weight loss around conception impacts hepatic fatty acid metabolism in the offspring. <i>Obesity</i> , 2014 , 22, 1685-93	8	19
74	The Development of the Pulmonary Surfactant System 2014 , 183-209		2
73	Chronic hypoxemia in late gestation decreases cardiomyocyte number but does not change expression of hypoxia-responsive genes. <i>Journal of the American Heart Association</i> , 2014 , 3,	6	71
72	Periconceptual undernutrition programs changes in insulin-signaling molecules and microRNAs in skeletal muscle in singleton and twin fetal sheep. <i>Biology of Reproduction</i> , 2014 , 90, 5	3.9	36
71	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> , 2014 , 307, R538-45	3.2	27
70	Differential effects of maternal obesity and weight loss in the periconceptual period on the epigenetic regulation of hepatic insulin-signaling pathways in the offspring. <i>FASEB Journal</i> , 2013 , 27, 3786-96	0.9	88
69	Alteration of cardiac glucose metabolism in association to low birth weight: experimental evidence in lambs with left ventricular hypertrophy. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1662-72	12.7	32
68	Prenatal exposure to selective serotonin reuptake inhibitors and childhood overweight at 7 years of age. <i>Annals of Epidemiology</i> , 2013 , 23, 681-7	6.4	20
67	Long-term effects of prenatal SSRI exposure on child growth: weighing the evidence. <i>American Journal of Psychiatry</i> , 2013 , 170, 1364	11.9	1
66	Impact of embryo number and periconceptual undernutrition on factors regulating adipogenesis, lipogenesis, and metabolism in adipose tissue in the sheep fetus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E931-41	6	10
65	The effect of placental restriction on insulin signaling and lipogenic pathways in omental adipose tissue in the postnatal lamb. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 421-9	2.4	5
64	Dietary restriction in the periconceptual period in normal-weight or obese ewes results in increased abundance of angiotensin-converting enzyme (ACE) and angiotensin type 1 receptor (AT1R) in the absence of changes in ACE or AT1R methylation in the adrenal of the offspring. <i>Reproduction</i> , 2013 , 146, 443-54	3.8	16
63	Methodological challenges in using routinely collected health data to investigate long-term effects of medication use during pregnancy. <i>Therapeutic Advances in Drug Safety</i> , 2013 , 4, 27-37	3.5	8
62	Maternal dietary restriction during the periconceptual period in normal-weight or obese ewes results in adrenocortical hypertrophy, an up-regulation of the JAK/STAT and down-regulation of the IGF1R signaling pathways in the adrenal of the postnatal lamb. <i>Endocrinology</i> , 2013 , 154, 4650-62	4.8	16
61	Maternal undernutrition during the first week after conception results in decreased expression of glucocorticoid receptor mRNA in the absence of GR exon 17 hypermethylation in the fetal pituitary in late gestation. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 391-401	2.4	8

60	Regulation of fetal lung development in response to maternal overnutrition. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 803-16	3	28
59	The fetal sheep lung does not respond to cortisol infusion during the late canalicular phase of development. <i>Physiological Reports</i> , 2013 , 1, e00130	2.6	28
58	Introduction: Celebrating Emeritus Scientia Professor Eugenie R Lumbers AM and Professor Caroline McMillen. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 740-2	3	
57	Antidepressant use and gestational hypertension: does evidence support causality?. <i>British Journal of Clinical Pharmacology</i> , 2013 , 75, 1373-4	3.8	3
56	Maternal undernutrition around the time of conception and embryo number each impact on the abundance of key regulators of cardiac growth and metabolism in the fetal sheep heart. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 377-90	2.4	18
55	The Australian Early Origins of Hypertension Workshop: A celebration of the scientific contributions made by Emeritus Scientia Professor Eugenie R Lumbers AM and Professor Caroline McMillen. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 325-327	2.4	1
54	Differential effects of exposure to maternal obesity or maternal weight loss during the periconceptional period in the sheep on insulin signalling molecules in skeletal muscle of the offspring at 4 months of age. <i>PLoS ONE</i> , 2013 , 8, e84594	3.7	24
53	Investigating outcomes associated with medication use during pregnancy: a review of methodological challenges and observational study designs. <i>Reproductive Toxicology</i> , 2012 , 33, 280-9	3.4	21
52	Maternal undernutrition reduces P-glycoprotein in guinea pig placenta and developing brain in late gestation. <i>Reproductive Toxicology</i> , 2012 , 33, 374-81	3.4	56
51	Long term impact of prenatal exposure to SSRIs on growth and body weight in childhood: evidence from animal and human studies. <i>Reproductive Toxicology</i> , 2012 , 34, 101-9	3.4	23
50	Early origins of heart disease: low birth weight and determinants of cardiomyocyte endowment. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 814-23	3	59
49	Early origins of heart disease: low birth weight and the role of the insulin-like growth factor system in cardiac hypertrophy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 958-64	3	16
48	Activation of IGF-2R stimulates cardiomyocyte hypertrophy in the late gestation sheep fetus. <i>Journal of Physiology</i> , 2012 , 590, 5425-37	3.9	33
47	Exposed or not exposed? Exploring exposure classification in studies using administrative data to investigate outcomes following medication use during pregnancy. <i>European Journal of Clinical Pharmacology</i> , 2012 , 68, 459-67	2.8	40
46	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> , 2012 , 2012, 839656 ²⁻⁵	2.5	49
45	Neonatal outcomes after late-gestation exposure to selective serotonin reuptake inhibitors. <i>Journal of Clinical Psychopharmacology</i> , 2012 , 32, 615-21	1.7	39
44	IGF-2R-mediated signaling results in hypertrophy of cultured cardiomyocytes from fetal sheep. <i>Biology of Reproduction</i> , 2012 , 86, 183	3.9	20
43	253 IMPACT OF LOW BIRTH WEIGHT ON THE EXPRESSION OF THE RENIN-ANGIOTENSIN SYSTEM, FACTORS WHICH REGULATE AUTOPHAGY, FIBROSIS AND CAPILLARY DENSITY IN THE HEART DURING EARLY POSTNATAL LIFE. <i>Journal of Hypertension</i> , 2012 , 30, e76-e77	1.9	

42	Prenatal exposure to selective serotonin reuptake inhibitors and risk of childhood overweight. <i>Journal of Developmental Origins of Health and Disease</i> , 2012 , 3, 253-61	2.4	17
41	Drugs, chemicals and nutrition during pregnancy: impact on fetal, neonatal and adult health. <i>Journal of Developmental Origins of Health and Disease</i> , 2012 , 3, 213-215	2.4	
40	Investigating outcomes following the use of selective serotonin reuptake inhibitors for treating depression in pregnancy: a focus on methodological issues. <i>Drug Safety</i> , 2011 , 34, 1027-48	5.1	26
39	Changes in cardiac troponins with gestational age explain changes in cardiac muscle contractility in the sheep fetus. <i>Journal of Applied Physiology</i> , 2011 , 111, 236-43	3.7	13
38	Fetal growth restriction and the programming of heart growth and cardiac insulin-like growth factor 2 expression in the lamb. <i>Journal of Physiology</i> , 2011 , 589, 4709-22	3.9	59
37	Prenatal development of the pulmonary surfactant system and the influence of hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 129-45	2.8	16
36	Periconceptual nutrition and the early programming of a life of obesity or adversity. <i>Progress in Biophysics and Molecular Biology</i> , 2011 , 106, 307-14	4.7	46
35	Simple HPLC method for determination of rosiglitazone in sheep plasma and amniotic fluid and its application in a pregnant sheep model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 360-3	3.5	12
34	Maternal obesity and the early origins of childhood obesity: weighing up the benefits and costs of maternal weight loss in the periconceptual period for the offspring. <i>Experimental Diabetes Research</i> , 2011 , 2011, 585749		46
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