

Janna L Morrison

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

10,885
citations

76196

40
h-index

33814

99
g-index

198
all docs

198
docs citations

198
times ranked

20557
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Epigenetics and human obesity. <i>International Journal of Obesity</i> , 2015, 39, 85-97.	1.6	283
3	SHEEP MODELS OF INTRAUTERINE GROWTH RESTRICTION: FETAL ADAPTATIONS AND CONSEQUENCES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 730-743.	0.9	233
4	Developmental Origins of Adult Health and Disease: The Role of Periconceptional and Foetal Nutrition. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 82-89.	1.2	206
5	Placental Adaptations in Growth Restriction. <i>Nutrients</i> , 2015, 7, 360-389.	1.7	171
6	Recent developments on the role of epigenetics in obesity and metabolic disease. <i>Clinical Epigenetics</i> , 2015, 7, 66.	1.8	162
7	Fetal growth restriction, catch-up growth and the early origins of insulin resistance and visceral obesity. <i>Pediatric Nephrology</i> , 2010, 25, 669-677.	0.9	151
8	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.	3.8	151
9	Restriction of placental function alters heart development in the sheep fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R306-R313.	0.9	146
10	The early origins of obesity and insulin resistance: timing, programming and mechanisms. <i>International Journal of Obesity</i> , 2016, 40, 229-238.	1.6	113
11	Improving pregnancy outcomes in humans through studies in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1123-R1153.	0.9	111
12	Role of Endogenous Serotonin in Modulating Genioglossus Muscle Activity in Awake and Sleeping Rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1338-1347.	2.5	107
13	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.	1.3	105
14	Differential effects of maternal obesity and weight loss in the periconceptional period on the epigenetic regulation of hepatic insulin signaling pathways in the offspring. <i>FASEB Journal</i> , 2013, 27, 3786-3796.	0.2	99
15	Role of inhibitory amino acids in control of hypoglossal motor outflow to genioglossus muscle in naturally sleeping rats. <i>Journal of Physiology</i> , 2003, 552, 975-991.	1.3	97
16	The Early Origins of Later Obesity: Pathways and Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2009, 646, 71-81.	0.8	97
17	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-R162.	0.9	97
18	Periconceptional undernutrition in normal and overweight ewes leads to increased adrenal growth and epigenetic changes in adrenal IGF2/H19 gene in offspring. <i>FASEB Journal</i> , 2010, 24, 2772-2782.	0.2	96

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19	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.	0.7	93
20	The transition from fetal growth restriction to accelerated postnatal growth: a potential role for insulin signalling in skeletal muscle. <i>Journal of Physiology</i> , 2009, 587, 4199-4211.	1.3	90
21	Restriction of placental growth results in greater hypotensive response to β -adrenergic blockade in fetal sheep during late gestation. <i>Journal of Physiology</i> , 2005, 563, 611-620.	1.3	88
22	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, .	1.6	84
23	Intrauterine growth restriction delays surfactant protein maturation in the sheep fetus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L575-L583.	1.3	81
24	Effect of Maternal Fluoxetine Administration on Uterine Blood Flow, Fetal Blood Gas Status, and Growth. <i>Pediatric Research</i> , 2002, 51, 433-442.	1.1	77
25	Fluoxetine during pregnancy: impact on fetal development. <i>Reproduction, Fertility and Development</i> , 2005, 17, 641.	0.1	76
26	GABAA receptor antagonism at the hypoglossal motor nucleus increases genioglossus muscle activity in NREM but not REM sleep. <i>Journal of Physiology</i> , 2003, 548, 569-583.	1.3	74
27	Early origins of heart disease: Low birth weight and determinants of cardiomyocyte endowment. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 814-823.	0.9	72
28	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, 4709-4722.	1.3	70
29	Nutrition in Pregnancy: Optimising Maternal Diet and Fetal Adaptations to Altered Nutrient Supply. <i>Nutrients</i> , 2016, 8, 342.	1.7	70
30	Maternal undernutrition reduces P-glycoprotein in guinea pig placenta and developing brain in late gestation. <i>Reproductive Toxicology</i> , 2012, 33, 374-381.	1.3	64
31	Intrauterine Growth Restriction and Differential Patterns of Hepatic Growth and Expression of IGF1, PCK2, and HSDL1 mRNA in the Sheep Fetus in Late Gestation. <i>Biology of Reproduction</i> , 2009, 80, 1121-1127.	1.2	63
32	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, 6386.	1.8	61
33	Periconceptional nutrition and the early programming of a life of obesity or adversity. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 106, 307-314.	1.4	59
34	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, 1-15.	1.1	58
35	Maternal Obesity and the Early Origins of Childhood Obesity: Weighing Up the Benefits and Costs of Maternal Weight Loss in the Periconceptional Period for the Offspring. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-10.	3.8	55
36	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.	1.7	53

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37	Periconceptional Undernutrition Programs Changes in Insulin-Signaling Molecules and MicroRNAs in Skeletal Muscle in Singleton and Twin Fetal Sheep1. <i>Biology of Reproduction</i> , 2014, 90, 5.	1.2	50
38	Fetal behavioural state changes following maternal fluoxetine infusion in sheep. <i>Developmental Brain Research</i> , 2001, 131, 47-56.	2.1	48
39	Neonatal Outcomes After Late-Gestation Exposure to Selective Serotonin Reuptake Inhibitors. <i>Journal of Clinical Psychopharmacology</i> , 2012, 32, 615-621.	0.7	47
40	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.	1.6	47
41	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, 459-467.	0.8	45
42	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, 1662-1672.	1.5	43
43	Chronic Maternal Fluoxetine Infusion in Pregnant Sheep: Effects on the Maternal and Fetal Hypothalamic-Pituitary-Adrenal Axes. <i>Pediatric Research</i> , 2004, 56, 40-46.	1.1	42
44	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.	1.1	42
45	Normal human and sheep fetal vessel oxygen saturations by T2 magnetic resonance imaging. <i>Journal of Physiology</i> , 2020, 598, 3259-3281.	1.3	42
46	Cardiorespiratory consequences of intrauterine growth restriction: Influence of timing, severity and duration of hypoxaemia. <i>Theriogenology</i> , 2020, 150, 84-95.	0.9	42
47	Glycine at hypoglossal motor nucleus: genioglossus activity, CO2 responses, and the additive effects of GABA. <i>Journal of Applied Physiology</i> , 2002, 93, 1786-1796.	1.2	39
48	Regulation of fetal lung development in response to maternal overnutrition. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 803-816.	0.9	39
49	Rosiglitazone Increases the Expression of Peroxisome Proliferator-Activated Receptor- β Target Genes in Adipose Tissue, Liver, and Skeletal Muscle in the Sheep Fetus in Late Gestation. <i>Endocrinology</i> , 2009, 150, 4287-4294.	1.4	38
50	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-R545.	0.9	37
51	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-E1024.	1.8	36
52	Activation of IGF1R stimulates cardiomyocyte hypertrophy in the late gestation sheep fetus. <i>Journal of Physiology</i> , 2012, 590, 5425-5437.	1.3	35
53	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.	0.9	35
54	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.	0.7	34

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55	Suppression of genioglossus muscle tone and activity during reflex hypercapnic stimulation by GABA _A mechanisms at the hypoglossal motor nucleus in vivo. <i>Neuroscience</i> , 2003, 116, 249-259.	1.1	33
56	The fetal sheep lung does not respond to cortisol infusion during the late canalicular phase of development. <i>Physiological Reports</i> , 2013, 1, e00130.	0.7	32
57	The Periconceptual Environment and Cardiovascular Disease: Does In Vitro Embryo Culture and Transfer Influence Cardiovascular Development and Health?. <i>Nutrients</i> , 2015, 7, 1378-1425.	1.7	32
58	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.	1.3	32
59	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.	1.2	31
60	Differential Effects of Exposure to Maternal Obesity or Maternal Weight Loss during the Periconceptual 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.	1.1	30
61	Embryo number and periconceptual 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-E150.	1.8	29
62	Feasibility of detecting myocardial infarction in the sheep fetus using late gadolinium enhancement CMR imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 69.	1.6	29
63	Mitochondrial imaging in live or fixed tissues using a luminescent iridium complex. <i>Scientific Reports</i> , 2018, 8, 8191.	1.6	29
64	Investigating Outcomes Following the Use of Selective Serotonin Reuptake Inhibitors for Treating Depression in Pregnancy. <i>Drug Safety</i> , 2011, 34, 1027-1048.	1.4	28
65	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.	3.1	28
66	No Evidence for an Enhanced Role of Endothelial Nitric Oxide in the Maintenance of Arterial Blood Pressure in the IUGR Sheep Fetus. <i>Placenta</i> , 2009, 30, 705-710.	0.7	27
67	IGF-2R-G _{1±q} signaling and cardiac hypertrophy in the low-birth-weight lamb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R627-R635.	0.9	27
68	Considerations in selecting postoperative analgesia for pregnant sheep following fetal instrumentation surgery. <i>Animal Frontiers</i> , 2019, 9, 60-67.	0.8	27
69	Investigating outcomes associated with medication use during pregnancy: A review of methodological challenges and observational study designs. <i>Reproductive Toxicology</i> , 2012, 33, 280-289.	1.3	26
70	Evolution, Development, and Function of the Pulmonary Surfactant System in Normal and Perturbed Environments. , 2015, 6, 363-422.		26
71	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, 1399-1420.	1.3	26
72	Maternal undernutrition alters fat cell size distribution, but not lipogenic gene expression, in the visceral fat of the late gestation guinea pig fetus. <i>Placenta</i> , 2010, 31, 902-909.	0.7	25

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73	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, 958-964.	0.9	25
74	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, 101-109.	1.3	25
75	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-L97.	1.3	25
76	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.	1.3	25
77	Impact and mechanisms of fetal physiological programming. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R11-R15.	0.9	24
78	Second-harmonic generation and two-photon-excited autofluorescence microscopy of cardiomyocytes: quantification of cell volume and myosin filaments. <i>Journal of Biomedical Optics</i> , 2008, 13, 064018.	1.4	24
79	Adverse Intrauterine Environment and Cardiac miRNA Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2628.	1.8	24
80	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.	0.9	24
81	IGF-2R-Mediated Signaling Results in Hypertrophy of Cultured Cardiomyocytes from Fetal Sheep1. <i>Biology of Reproduction</i> , 2012, 86, 183.	1.2	23
82	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.	1.3	23
83	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, 377-390.	0.7	22
84	Maternal obesity or weight loss around conception impacts hepatic fatty acid metabolism in the offspring. <i>Obesity</i> , 2014, 22, 1685-1693.	1.5	22
85	Prenatal development of the pulmonary surfactant system and the influence of hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 129-145.	0.7	21
86	Prenatal exposure to selective serotonin reuptake inhibitors and childhood overweight at 7 years of age. <i>Annals of Epidemiology</i> , 2013, 23, 681-687.	0.9	21
87	The effects of 'sleep promoting agents' on behavioural state in the ovine fetus. <i>Developmental Brain Research</i> , 1997, 103, 1-8.	2.1	20
88	Maternal Dietary Restriction During the Periconceptional 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, 4650-4662.	1.4	20
89	Low birth weight activates the renin-angiotensin system, but limits cardiac angiogenesis in early postnatal life. <i>Physiological Reports</i> , 2015, 3, e12270.	0.7	20
90	Fetal Growth Restriction and Hypertension in the Offspring: Mechanistic Links and Therapeutic Directions. <i>Journal of Pediatrics</i> , 2020, 224, 115-123.e2.	0.9	20

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91	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.	1.1	19
92	Development of an experimental model of maternal allergic asthma during pregnancy. <i>Journal of Physiology</i> , 2016, 594, 1311-1325.	1.3	19
93	Prenatal exposure to selective serotonin reuptake inhibitors and risk of childhood overweight. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 253-261.	0.7	18
94	Akt signaling as a mediator of cardiac adaptation to low birth weight. <i>Journal of Endocrinology</i> , 2017, 233, R81-R94.	1.2	18
95	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.	1.3	18
96	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, 443-454.	1.1	17
97	Regulation of microRNA during cardiomyocyte maturation in sheep. <i>BMC Genomics</i> , 2015, 16, 541.	1.2	17
98	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, 866-878.	1.3	17
99	Effect of periconceptual nutrition on the growth, behaviour and survival of the neonatal lamb. <i>Animal Reproduction Science</i> , 2015, 160, 12-22.	0.5	17
100	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-R1243.	0.9	17
101	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.	1.3	17
102	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.	1.3	17
103	Maternal Fluoxetine Infusion Does Not Alter Fetal Endocrine and Biophysical Circadian Rhythms in Pregnant Sheep. <i>Journal of the Society for Gynecologic Investigation</i> , 2005, 12, 356-364.	1.9	16
104	Antenatal Glucocorticoid Treatment of The Growth-restricted Fetus: Benefit or Cost?. <i>Reproductive Sciences</i> , 2009, 16, 527-538.	1.1	16
105	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, 236-243.	1.2	16
106	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.	1.3	16
107	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.	0.7	16
108	An MRI approach to assess placental function in healthy humans and sheep. <i>Journal of Physiology</i> , 2021, 599, 2573-2602.	1.3	16

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109	Feasibility of ventricular volumetry by cardiovascular MRI to assess cardiac function in the fetal sheep. <i>Journal of Physiology</i> , 2020, 598, 2557-2573.	1.3	16
110	Exposure to rosiglitazone, a PPAR- α 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-R437.	0.9	15
111	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.	1.2	15
112	Intrauterine growth restriction may reduce hepatic drug metabolism in the early neonatal period. <i>Pharmacological Research</i> , 2018, 134, 68-78.	3.1	15
113	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, 360-365.	1.4	14
114	Impact of periconceptual 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.	0.7	14
115	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.	1.1	14
116	Modifying Maternal Sleep Position in Late Pregnancy Through Positional Therapy: A Feasibility Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1387-1397.	1.4	13
117	Cerebral Blood Flow during Spontaneous and Cholinergically Induced Behavioral States in the Sheep Fetus. <i>Pediatric Research</i> , 2005, 57, 667-673.	1.1	12
118	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-E941.	1.8	12
119	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.	1.0	12
120	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.	1.1	12
121	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-E159.	1.8	12
122	Placental glucocorticoid receptor isoforms in a sheep model of maternal allergic asthma. <i>Placenta</i> , 2019, 83, 33-36.	0.7	12
123	Antidepressant Use in Late Gestation and Breastfeeding Rates at Discharge from Hospital. <i>Journal of Human Lactation</i> , 2017, 33, 701-709.	0.8	11
124	Hospital Pharmacy Dispensing Records for Pharmacoepidemiology Research into Late Gestation Exposure to Antidepressants. <i>Journal of Pharmacy Practice and Research</i> , 2010, 40, 265-268.	0.5	10
125	Does poor fetal growth influence the extent of fetal exposure to maternal medications?. <i>Pharmacological Research</i> , 2018, 130, 74-84.	3.1	10
126	Detecting metabolic differences in fetal and adult sheep adipose and skeletal muscle tissues. <i>Journal of Biophotonics</i> , 2020, 13, e201960085.	1.1	10

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127	Umbilical vein infusion of prostaglandin I ₂ 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.	1.3	10
128	Fetal cardiovascular response to acute hypoxia during maternal anesthesia. <i>Physiological Reports</i> , 2020, 8, e14365.	0.7	10
129	Neutral Re(I) Complex Platform for Live Intracellular Imaging. <i>Inorganic Chemistry</i> , 2021, 60, 10173-10185.	1.9	10
130	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.	0.7	9
131	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.	9.5	9
132	Methamphetamine administration increases hepatic CYP1A2 but not CYP3A activity in female guinea pigs. <i>PLoS ONE</i> , 2020, 15, e0233010.	1.1	9
133	Technique for comprehensive fetal hepatic blood flow assessment in sheep using 4D flow MRI. <i>Journal of Physiology</i> , 2020, 598, 3555-3567.	1.3	9
134	Magnetic resonance imaging of placentome development in the pregnant Ewe. <i>Placenta</i> , 2021, 105, 61-69.	0.7	9
135	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.	1.1	9
136	Effects of Maternal Hypoxia during Pregnancy on Bone Development in Offspring: A Guinea Pig Model. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-12.	0.6	8
137	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.	1.1	8
138	Identification of placental androgen receptor isoforms in a sheep model of maternal allergic asthma. <i>Placenta</i> , 2021, 104, 232-235.	0.7	8
139	Gene expression allelic imbalance in ovine brown adipose tissue impacts energy homeostasis. <i>PLoS ONE</i> , 2017, 12, e0180378.	1.1	8
140	Limited fetal metabolism of rosiglitazone: Elimination via the maternal compartment in the pregnant ewe. <i>Reproductive Toxicology</i> , 2016, 61, 162-168.	1.3	7
141	Contractile and Ca ²⁺ -handling properties of the right ventricular papillary muscle in the late-gestation sheep fetus. <i>Journal of Applied Physiology</i> , 2006, 101, 728-733.	1.2	7
142	Conception and Beyond: Using Population-Based Record Linkage to Monitor Long-Term Effects of Medications Used During Pregnancy. <i>Journal of Pharmacy Practice and Research</i> , 2010, 40, 46-49.	0.5	6
143	Label-free imaging of healthy and infarcted fetal sheep hearts by two-photon microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201600296.	1.1	6
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