

Julie A Owens

List of Publications by Year in descending order

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166
papers

11,949
citations

31976

53
h-index

28297

105
g-index

169
all docs

169
docs citations

169
times ranked

11106
citing authors

#	ARTICLE	IF	CITATIONS
1	Fetal nutrition and cardiovascular disease in adult life. <i>Lancet</i> , The, 1993, 341, 938-941.	13.7	2,453
2	Chronic high-fat diet in fathers programs β -cell dysfunction in female rat offspring. <i>Nature</i> , 2010, 467, 963-966.	27.8	1,214
3	Paternal obesity initiates metabolic disturbances in two generations of mice with incomplete penetrance to the F ₂ generation and alters the transcriptional profile of testis and sperm microRNA content. <i>FASEB Journal</i> , 2013, 27, 4226-4243.	0.5	486
4	Antenatal lifestyle advice for women who are overweight or obese: LIMIT randomised trial. <i>BMJ</i> , The, 2014, 348, g1285-g1285.	6.0	389
5	Effect of diet and physical activity based interventions in pregnancy on gestational weight gain and pregnancy outcomes: meta-analysis of individual participant data from randomised trials. <i>BMJ: British Medical Journal</i> , 2017, 358, j3119.	2.3	262
6	Paternal obesity negatively affects male fertility and assisted reproduction outcomes: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2015, 31, 593-604.	2.4	255
7	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , 2017, 21, 1-158.	2.8	214
8	Normal Lactational Environment Restores Nephron Endowment and Prevents Hypertension after Placental Restriction in the Rat. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1688-1696.	6.1	197
9	Diet and exercise in an obese mouse fed a high-fat diet improve metabolic health and reverse perturbed sperm function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E768-E780.	3.5	186
10	Diet-induced paternal obesity in the absence of diabetes diminishes the reproductive health of two subsequent generations of mice. <i>Human Reproduction</i> , 2012, 27, 1391-1400.	0.9	177
11	Growth restriction before or after birth reduces nephron number and increases blood pressure in male rats. <i>Kidney International</i> , 2008, 74, 187-195.	5.2	162
12	Preconception diet or exercise intervention in obese fathers normalizes sperm microRNA profile and metabolic syndrome in female offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E805-E821.	3.5	155
13	Circulating insulin-like growth factors-I and -II and substrates in fetal sheep following restriction of placental growth. <i>Journal of Endocrinology</i> , 1994, 140, 5-13.	2.6	154
14	The effects of antenatal dietary and lifestyle advice for women who are overweight or obese on maternal diet and physical activity: the LIMIT randomised trial. <i>BMC Medicine</i> , 2014, 12, 161.	5.5	135
15	Uteroplacental insufficiency causes a nephron deficit, modest renal insufficiency but no hypertension with ageing in female rats. <i>Journal of Physiology</i> , 2009, 587, 2635-2646.	2.9	128
16	Endocrine and substrate control of fetal growth: placental and maternal influences and insulin-like growth factors. <i>Reproduction, Fertility and Development</i> , 1991, 3, 501.	0.4	123
17	Paternal high-fat diet consumption induces common changes in the transcriptomes of retroperitoneal adipose and pancreatic islet tissues in female rat offspring. <i>FASEB Journal</i> , 2014, 28, 1830-1841.	0.5	122
18	Metabolic homeostasis in mice with disrupted <i>Clock</i> gene expression in peripheral tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1528-R1537.	1.8	120

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19	A High-Whey-Protein Diet Reduces Body Weight Gain and Alters Insulin Sensitivity Relative to Red Meat in Wistar Rats. <i>Journal of Nutrition</i> , 2004, 134, 1454-1458.	2.9	117
20	Origins of fetal growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2000, 92, 13-19.	1.1	116
21	Placental Restriction of Fetal Growth Increases Insulin Action, Growth, and Adiposity in the Young Lamb. <i>Endocrinology</i> , 2007, 148, 1350-1358.	2.8	115
22	Placental Restriction Alters the Functional Development of the Pituitary-Adrenal Axis in the Sheep Fetus during Late Gestation. <i>Pediatric Research</i> , 1996, 40, 861-866.	2.3	112
23	Maternal Food Restriction Reduces the Exchange Surface Area and Increases the Barrier Thickness of the Placenta in the Guinea-pig. <i>Placenta</i> , 2001, 22, 177-185.	1.5	107
24	Maternal Insulin-Like Growth Factors-I and -II Act via Different Pathways to Promote Fetal Growth. <i>Endocrinology</i> , 2006, 147, 3344-3355.	2.8	104
25	Dietary interventions in overweight and obese pregnant women: a systematic review of the content, delivery, and outcomes of randomized controlled trials. <i>Nutrition Reviews</i> , 2016, 74, 312-328.	5.8	98
26	Effect of maternal feed restriction during pregnancy on glucose tolerance in the adult guinea pig. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R140-R152.	1.8	97
27	Placental restriction of fetal growth reduces size at birth and alters postnatal growth, feeding activity, and adiposity in the young lamb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R875-R886.	1.8	97
28	Placental control of fetal growth. <i>Reproduction, Fertility and Development</i> , 1995, 7, 333.	0.4	89
29	The neglected role of insulin-like growth factors in the maternal circulation regulating fetal growth. <i>Journal of Physiology</i> , 2011, 589, 7-20.	2.9	87
30	Paternal obesity induces metabolic and sperm disturbances in male offspring that are exacerbated by their exposure to an "obesogenic" diet. <i>Physiological Reports</i> , 2015, 3, e12336.	1.7	87
31	Gestational weight gain outside the Institute of Medicine recommendations and adverse pregnancy outcomes: analysis using individual participant data from randomised trials. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 322.	2.4	87
32	Impact of Placental Restriction on the Development of the Sympathoadrenal System. <i>Pediatric Research</i> , 1997, 42, 805-811.	2.3	78
33	Prolactin Receptor Gene Expression and Foetal Adipose Tissue. <i>Journal of Neuroendocrinology</i> , 1998, 10, 885-890.	2.6	75
34	Differential timing for programming of glucose homeostasis, sensitivity to insulin and blood pressure by in utero exposure to dexamethasone in sheep. <i>Clinical Science</i> , 2000, 98, 553-560.	4.3	74
35	Effect of maternal feed restriction on blood pressure in the adult guinea pig. <i>Experimental Physiology</i> , 2002, 87, 469-477.	2.0	70
36	Maternal exposure to dexamethasone or cortisol in early pregnancy differentially alters insulin secretion and glucose homeostasis in adult male sheep offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E75-E82.	3.5	70

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37	Improved Lactational Nutrition and Postnatal Growth Ameliorates Impairment of Glucose Tolerance by Uteroplacental Insufficiency in Male Rat Offspring. <i>Endocrinology</i> , 2008, 149, 3067-3076.	2.8	70
38	The effects of antenatal dietary and lifestyle advice for women who are overweight or obese on neonatal health outcomes: the LIMIT randomised trial. <i>BMC Medicine</i> , 2014, 12, 163.	5.5	69
39	Cardiovascular and renal disease in the adolescent guinea pig after chronic placental insufficiency. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 847-855.	1.3	68
40	Sex-specific effects of placental restriction on components of the metabolic syndrome in young adult sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1879-E1889.	3.5	68
41	Circulating insulin-like growth factors (IGFs), IGF-binding proteins (IGFBPs) and tissue mRNA levels of IGFBP-2 and IGFBP-4 in the ovine fetus. <i>Journal of Endocrinology</i> , 1995, 145, 545-557.	2.6	67
42	Impaired β -Cell Function and Inadequate Compensatory Increases in β -Cell Mass after Intrauterine Growth Restriction in Sheep. <i>Endocrinology</i> , 2008, 149, 5118-5127.	2.8	67
43	Effects of Increasing Gestation, Cortisol and Maternal Undernutrition on Hypothalamic Neuropeptide Y Expression in the Sheep Fetus. <i>Journal of Neuroendocrinology</i> , 2008, 10, 51-57.	2.6	66
44	Myogenesis in sheep is altered by maternal feed intake during the peri-conception period. <i>Animal Reproduction Science</i> , 2005, 87, 241-251.	1.5	63
45	Nutrient intake in the bovine during early and mid-gestation causes sex-specific changes in progeny plasma IGF-I, liveweight, height and carcass traits. <i>Animal Reproduction Science</i> , 2010, 121, 208-217.	1.5	63
46	Restriction of Nutrition In Utero Selectively Inhibits Gastrointestinal Growth in Fetal Sheep , ,. <i>Journal of Nutrition</i> , 1997, 127, 637-641.	2.9	62
47	Restricted fetal growth and lung development: A morphometric analysis of pulmonary structure. <i>Pediatric Pulmonology</i> , 2006, 41, 1138-1145.	2.0	62
48	Effect of restriction of placental growth on expression of IGFs in fetal sheep: relationship to fetal growth, circulating IGFs and binding proteins. <i>Journal of Endocrinology</i> , 1995, 146, 23-34.	2.6	61
49	Distinct Actions of Insulin-Like Growth Factors (IGFs) on Placental Development and Fetal Growth: Lessons from Mice and Guinea Pigs. <i>Placenta</i> , 2008, 29, 42-47.	1.5	61
50	Improving Metabolic Health in Obese Male Mice via Diet and Exercise Restores Embryo Development and Fetal Growth. <i>PLoS ONE</i> , 2013, 8, e71459.	2.5	60
51	Review: Placental Programming of Postnatal Diabetes and Impaired Insulin Action after IUGR. <i>Placenta</i> , 2010, 31, S60-S65.	1.5	56
52	Paternal under-nutrition programs metabolic syndrome in offspring which can be reversed by antioxidant/vitamin food fortification in fathers. <i>Scientific Reports</i> , 2016, 6, 27010.	3.3	56
53	Early Pregnancy Maternal Endocrine Insulin-Like Growth Factor I Programs the Placenta for Increased Functional Capacity throughout Gestation. <i>Endocrinology</i> , 2007, 148, 4362-4370.	2.8	55
54	Circulating levels of insulin-like growth factors increase and molecular forms of their serum binding proteins change with human pregnancy. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 1157-1163.	2.1	53

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55	Early treatment of the pregnant guinea pig with IGFs promotes placental transport and nutrient partitioning near term. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E668-E676.	3.5	53
56	Restriction of placental growth in sheep impairs insulin secretion but not sensitivity before birth. <i>Journal of Physiology</i> , 2007, 584, 935-949.	2.9	52
57	Chronic maternal feed restriction impairs growth but increases adiposity of the fetal guinea pig. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R119-R126.	1.8	51
58	Four days of simulated shift work reduces insulin sensitivity in humans. <i>Acta Physiologica</i> , 2018, 223, e13039.	3.8	48
59	Uteroplacental insufficiency and reducing litter size alters skeletal muscle mitochondrial biogenesis in a sex-specific manner in the adult rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E861-E869.	3.5	46
60	Whey proteins protect more than red meat against azoxymethane induced ACF in Wistar rats. <i>Cancer Letters</i> , 2003, 198, 43-51.	7.2	43
61	Functional central rhythmicity and light entrainment, but not liver and muscle rhythmicity, are Clock independent. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1172-R1180.	1.8	41
62	Prenatal growth restriction and postnatal growth restriction followed by accelerated growth independently program reduced bone growth and strength. <i>Bone</i> , 2009, 45, 132-141.	2.9	41
63	Placental Restriction Reduces Insulin Sensitivity and Expression of Insulin Signaling and Glucose Transporter Genes in Skeletal Muscle, But Not Liver, in Young Sheep. <i>Endocrinology</i> , 2012, 153, 2142-2151.	2.8	41
64	An Exercise-Only Intervention in Obese Fathers Restores Glucose and Insulin Regulation in Conjunction with the Rescue of Pancreatic Islet Cell Morphology and MicroRNA Expression in Male Offspring. <i>Nutrients</i> , 2017, 9, 122.	4.1	40
65	Maternal and Neonatal Circulating Markers of Metabolic and Cardiovascular Risk in the Metformin in Gestational Diabetes (MiG) Trial. <i>Diabetes Care</i> , 2013, 36, 529-536.	8.6	39
66	Effects of acute and chronic food restriction on the insulin-like growth factor axis in the guinea pig. <i>Journal of Endocrinology</i> , 1998, 157, 107-114.	2.6	38
67	Restricted fetal growth and the response to dietary cholesterol in the guinea pig. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1675-R1682.	1.8	37
68	Effects of Placental Insufficiency on the Ovine Fetal Renin-Angiotensin System. <i>Experimental Physiology</i> , 2000, 85, 79-84.	2.0	37
69	Postnatal ontogeny of glucose homeostasis and insulin action in sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E1050-E1059.	3.5	36
70	Dietary protein during gestation affects maternal insulin-like growth factor, insulin-like growth factor binding protein, leptin concentrations, and fetal growth in heifers. <i>Journal of Animal Science</i> , 2009, 87, 3304-3316.	0.5	35
71	Programming the brain: Common outcomes and gaps in knowledge from animal studies of IUGR. <i>Physiology and Behavior</i> , 2016, 164, 233-248.	2.1	35
72	Treatment of underfed pigs with GH throughout the second quarter of pregnancy increases fetal growth. <i>Journal of Endocrinology</i> , 2000, 166, 227-234.	2.6	34

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73	Administration of insulin-like growth factor-I, but not growth hormone, increases maternal weight gain in late pregnancy without affecting fetal or placental growth. <i>Journal of Endocrinology</i> , 1991, 130, 395-400.	2.6	32
74	Most of the circulating insulin-like growth factors-I and -II are present in the 150 kDa complex during human pregnancy. <i>Journal of Endocrinology</i> , 1991, 131, 491-497.	2.6	31
75	Altered Placental Structure Induced by Maternal Food Restriction in Guinea Pigs: A Role for Circulating IGF-II and IGFBP-2 in the Mother?. <i>Placenta</i> , 2001, 22, S77-S82.	1.5	31
76	Variable maternal nutrition and growth hormone treatment in the second quarter of pregnancy in pigs alter semitendinosus muscle in adolescent progeny. <i>British Journal of Nutrition</i> , 2003, 90, 283-293.	2.3	31
77	Chronic stress—the key to parturition?. <i>Reproduction, Fertility and Development</i> , 1995, 7, 499.	0.4	31
78	Effect of restriction of placental growth on the concentrations of insulin, glucose and placental lactogen in the plasma of sheep. <i>Journal of Endocrinology</i> , 1985, 106, 7-11.	2.6	30
79	Role of Pituitary POMC-Peptides and Insulin-Like Growth Factor II in the Developmental Biology of the Adrenal Gland. <i>Archives of Physiology and Biochemistry</i> , 2002, 110, 99-105.	2.1	30
80	Mild gestational diabetes in pregnancy and the adipoinular axis in babies born to mothers in the ACHOIS randomised controlled trial. <i>BMC Pediatrics</i> , 2007, 7, 18.	1.7	30
81	Maternal body size prior to pregnancy, gestational diabetes and weight gain: associations with insulin resistance in children at 9–10 years. <i>Diabetic Medicine</i> , 2015, 32, 174-180.	2.3	30
82	The effect of antenatal lifestyle advice for women who are overweight or obese on secondary measures of neonatal body composition: the <i>LIMIT</i> randomised trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 244-253.	2.3	30
83	Maternal nutrition affects the ability of treatment with IGF-I and IGF-II to increase growth of the placenta and fetus, in guinea pigs. <i>Growth Hormone and IGF Research</i> , 2001, 11, 392-398.	1.1	29
84	Fetoplacental Growth in Sheep Administered Progesterone during the First Three Days of Pregnancy. <i>Placenta</i> , 2001, 22, 14-23.	1.5	29
85	Is birthweight a good marker for gestational exposures that increase the risk of adult disease?. <i>Paediatric and Perinatal Epidemiology</i> , 2002, 16, 194-199.	1.7	29
86	The effect of antenatal dietary and lifestyle advice for women who are overweight or obese on emotional well-being: the <i>LIMIT</i> randomized trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 309-318.	2.8	28
87	Determinants of Maternal Triglycerides in Women With Gestational Diabetes Mellitus in the Metformin in Gestational Diabetes (MiG) Study. <i>Diabetes Care</i> , 2013, 36, 1941-1946.	8.6	27
88	Maternal Insulin-like Growth Factor-II Promotes Placental Functional Development Via the Type 2 IGF Receptor in the Guinea Pig. <i>Placenta</i> , 2008, 29, 347-355.	1.5	26
89	Repeated betamethasone treatment of pregnant sheep programs persistent reductions in circulating IGF-I and IGF-binding proteins in progeny. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E170-E178.	3.5	26
90	Differential timing for programming of glucose homeostasis, sensitivity to insulin and blood pressure by in utero exposure to dexamethasone in sheep. <i>Clinical Science</i> , 2000, 98, 553.	4.3	25

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91	Chronic effect of insulin-like growth factor I on renin synthesis, secretion, and renal function in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R318-R326.	1.8	25
92	Effect of Variable Long-Term Maternal Feed Allowance on the Development of the Ovine Placenta and Fetus. <i>Placenta</i> , 2008, 29, 539-548.	1.5	25
93	Individual differences in glucose homeostasis: Do our early life interactions with bacteria matter?. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 401-409.	4.1	24
94	Cross-fostering and improved lactation ameliorates deficits in endocrine pancreatic morphology in growth-restricted adult male rat offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 234-244.	1.4	24
95	Perinatal growth and plasma GH profiles in adolescent and adult sheep. <i>Journal of Endocrinology</i> , 2002, 173, 151-159.	2.6	23
96	Placental restriction alters circulating thyroid hormone in the young lamb postnatally. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1016-R1024.	1.8	23
97	Acute ethanol exposure in pregnancy alters the insulin-like growth factor axis of fetal and maternal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E494-E500.	3.5	23
98	Motor System Development of the Preterm and Low Birthweight Infant. <i>Clinics in Perinatology</i> , 2011, 38, 605-625.	2.1	23
99	Vitamin B ₁₂ and homocysteine status during pregnancy in the metformin in gestational diabetes trial: responses to maternal metformin compared with insulin treatment. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 660-667.	4.4	23
100	Potential role of folate in pre-eclampsia. <i>Nutrition Reviews</i> , 2015, 73, 694-722.	5.8	23
101	Effects of intrafetal IGF-I on growth of cardiac myocytes in late-gestation fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E513-E519.	3.5	22
102	Effects of an antenatal dietary intervention in overweight and obese women on 6 month infant outcomes: follow-up from the LIMIT randomised trial. <i>International Journal of Obesity</i> , 2018, 42, 1326-1335.	3.4	22
103	The ontogeny of hepatic growth hormone receptor and insulin-like growth factor I gene expression in the sheep fetus during late gestation: developmental regulation by cortisol. <i>Endocrinology</i> , 1996, 137, 1650-1657.	2.8	22
104	Small size at birth predicts decreased cardiomyocyte number in the adult ovine heart. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 618-625.	1.4	21
105	Restriction of Fetal Growth has a Differential Impact on Fetal Prolactin and Prolactin Receptor mRNA Expression. <i>Journal of Neuroendocrinology</i> , 2001, 13, 175-181.	2.6	19
106	Adipokines and Adipocyte Function in <i>Clock</i> Mutant Mice That Retain Melatonin Rhythmicity. <i>Obesity</i> , 2012, 20, 295-305.	3.0	19
107	Responses to maternal GH or ractopamine during early-mid pregnancy are similar in primiparous and multiparous pregnant pigs. <i>Journal of Endocrinology</i> , 2009, 203, 143-154.	2.6	18
108	Effect of placental restriction and neonatal exendin-4 treatment on postnatal growth, adult body composition, and in vivo glucose metabolism in the sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E589-E600.	3.5	18

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109	Differential Effects of Placental Restriction on IGF-II, ACTH Receptor and Steroidogenic Enzyme mRNA Levels in the Foetal Sheep Adrenal. <i>Journal of Neuroendocrinology</i> , 2008, 12, 79-85.	2.6	17
110	MicroRNA expression profile during adipogenic differentiation in mouse embryonic stem cells. <i>Physiological Genomics</i> , 2011, 43, 611-620.	2.3	17
111	The cost-effectiveness of providing antenatal lifestyle advice for women who are overweight or obese: the LIMIT randomised trial. <i>BMC Obesity</i> , 2015, 2, 14.	3.1	17
112	The effect of an antenatal lifestyle intervention in overweight and obese women on circulating cardiometabolic and inflammatory biomarkers: secondary analyses from the LIMIT randomised trial. <i>BMC Medicine</i> , 2017, 15, 32.	5.5	17
113	Isolation and characterization of ovine IGFBP-4: protein purification and cDNA sequence. <i>Journal of Molecular Endocrinology</i> , 1994, 13, 219-236.	2.5	17
114	Intrafetal Insulin-Like Growth Factor-I Infusion Stimulates Adrenal Growth But Not Steroidogenesis in the Sheep Fetus during Late Gestation. <i>Endocrinology</i> , 2007, 148, 5424-5432.	2.8	16
115	Increased Placental Nutrient Transporter Expression at Midgestation after Maternal Growth Hormone Treatment in Pigs: A Placental Mechanism for Increased Fetal Growth ¹ . <i>Biology of Reproduction</i> , 2012, 87, 126.	2.7	16
116	Do I turn left or right? Effects of sex, age, experience and exit route on maze test performance in sheep. <i>Physiology and Behavior</i> , 2015, 139, 244-253.	2.1	16
117	Insulin-like growth factor I alters renal function and stimulates renin secretion in late gestation fetal sheep. <i>Journal of Physiology</i> , 2001, 530, 253-262.	2.9	15
118	Placental Restriction Increases Adipose Leptin Gene Expression and Plasma Leptin and Alters Their Relationship to Feeding Activity in the Young Lamb. <i>Pediatric Research</i> , 2010, 67, 603-608.	2.3	15
119	Placental restriction of fetal growth reduces cutaneous responses to antigen after sensitization in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R441-R446.	1.8	15
120	Circulating IGF1 and IGF2 and SNP genotypes in men and pregnant and non-pregnant women. <i>Endocrine Connections</i> , 2014, 3, 138-149.	1.9	15
121	Prenatal Diet and Child Growth at 18 Months. <i>Pediatrics</i> , 2018, 142, e20180035.	2.1	15
122	Neonatal Exendin-4 Reduces Growth, Fat Deposition and Glucose Tolerance during Treatment in the Intrauterine Growth-Restricted Lamb. <i>PLoS ONE</i> , 2013, 8, e56553.	2.5	15
123	Cortisol Differentially Regulates Pituitary-Adrenal Function in the Sheep Fetus after Disconnection of the Hypothalamus and Pituitary. <i>Journal of Neuroendocrinology</i> , 2003, 9, 663-668.	2.6	14
124	The effects of dietary and lifestyle interventions among pregnant women who are overweight or obese on longer-term maternal and early childhood outcomes: protocol for an individual participant data (IPD) meta-analysis. <i>Systematic Reviews</i> , 2017, 6, 51.	5.3	14
125	Maternal methyl donor and cofactor supplementation in late pregnancy increases β^2 -cell numbers at 16 days of life in growth-restricted twin lambs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E381-E390.	3.5	13
126	Circulating Insulin-like Growth Factor (IGF)-I and IGF Binding Proteins -1 and -3 and Placental Development in the Guinea-pig. <i>Placenta</i> , 2002, 23, 763-770.	1.5	13

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127	Effects of an antenatal dietary intervention on maternal anthropometric measures in pregnant women with obesity. <i>Obesity</i> , 2015, 23, 1555-1562.	3.0	12
128	Spontaneous intrauterine growth restriction due to increased litter size in the guinea pig programmes postnatal growth, appetite and adult body composition. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 548-562.	1.4	12
129	Paternal obesity modifies the effect of an antenatal lifestyle intervention in women who are overweight or obese on newborn anthropometry. <i>Scientific Reports</i> , 2017, 7, 1557.	3.3	12
130	Placental Restriction Alters Adrenal Medullary Development in the Midgestation Sheep Fetus. <i>Pediatric Research</i> , 1998, 44, 656-662.	2.3	12
131	Association between Erythropoietin in Cord Blood of Twins and Size at Birth: Does It Relate to Gestational Factors or to Factors during Labor or Delivery?. <i>Pediatric Research</i> , 2005, 57, 680-684.	2.3	11
132	Infant birth outcomes are associated with DNA damage biomarkers as measured by the cytokinesis block micronucleus cytome assay: the DADHI study. <i>Mutagenesis</i> , 2017, 32, 355-370.	2.6	11
133	Obesity alone or with type 2 diabetes is associated with tissue specific alterations in DNA methylation and gene expression of PPARGC1A and IGF2. <i>Journal of Diabetes Research & Clinical Metabolism</i> , 2012, 1, 16.	0.2	11
134	Effects of birth size, post-natal growth and current size on insulin resistance in 9-year-old children: a prospective cohort study. <i>European Journal of Pediatrics</i> , 2013, 172, 1207-1214.	2.7	10
135	Isolation and quantitation of carbohydrates in sheep plasma by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1985, 338, 303-314.	1.7	9
136	Maternal responses to daily maternal porcine somatotropin injections during early-mid pregnancy or early-late pregnancy in sows and gilts ¹ . <i>Journal of Animal Science</i> , 2010, 88, 1365-1378.	0.5	9
137	Impact of maternal education on response to lifestyle interventions to reduce gestational weight gain: individual participant data meta-analysis. <i>BMJ Open</i> , 2019, 9, e025620.	1.9	9
138	Effects of placental insufficiency on the ovine fetal renin-angiotensin system. <i>Experimental Physiology</i> , 2000, 85, 79-84.	2.0	8
139	High-performance liquid chromatographic determination of plasma lactate specific radioactivity. <i>Biomedical Applications</i> , 1984, 307, 380-386.	1.7	7
140	Pre- and Postnatal Methyl Deficiency in the Rat Differentially Alters Glucose Homeostasis. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011, 4, 175-191.	1.3	7
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