

# Julie A Owens

## List of Publications by Year in Descending Order

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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.

164  
papers

9,924  
citations

48  
h-index

96  
g-index

167  
ext. papers

10,967  
ext. citations

4.6  
avg, IF

6  
L-index

#	Paper	IF	Citations
164	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> , <b>2019</b> , 19, 322	3.2	38
163	Sex-specific programming of adult insulin resistance in guinea pigs by variable perinatal growth induced by spontaneous variation in litter size. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2019</b> , 316, R352-R361	3.2	0
162	Impact of maternal education on response to lifestyle interventions to reduce gestational weight gain: individual participant data meta-analysis. <i>BMJ Open</i> , <b>2019</b> , 9, e025620	3	4
161	Four days of simulated shift work reduces insulin sensitivity in humans. <i>Acta Physiologica</i> , <b>2018</b> , 223, e13039	5.6	30
160	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> , <b>2018</b> , 42, 1326-1335	5.5	15
159	Prenatal Diet and Child Growth at 18 Months. <i>Pediatrics</i> , <b>2018</b> , 142,	7.4	10
158	Late-gestation maternal dietary methyl donor and cofactor supplementation in sheep partially reverses protection against allergic sensitization by IUGR. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2018</b> , 314, R22-R33	3.2	3
157	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> , <b>2017</b> , 6, 51	3	13
156	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> , <b>2017</b> , 15, 32	11.4	11
155	Paternal obesity modifies the effect of an antenatal lifestyle intervention in women who are overweight or obese on newborn anthropometry. <i>Scientific Reports</i> , <b>2017</b> , 7, 1557	4.9	10
154	Use of the hyperinsulinemic euglycemic clamp to assess insulin sensitivity in guinea pigs: dose response, partitioned glucose metabolism, and species comparisons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 313, R19-R28	3.2	2
153	Infant birth outcomes are associated with DNA damage biomarkers as measured by the cytokinesis block micronucleus cytome assay: the DADHI study. <i>Mutagenesis</i> , <b>2017</b> , 32, 355-370	2.8	8
152	Small size at birth predicts decreased cardiomyocyte number in the adult ovine heart. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2017</b> , 8, 618-625	2.4	15
151	Maternal methyl donor and cofactor supplementation in late pregnancy increases $\beta$ cell numbers at 16 days of life in growth-restricted twin lambs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 313, E381-E390	6	5
150	Betamethasone-exposed preterm birth does not impair insulin action in adult sheep. <i>Journal of Endocrinology</i> , <b>2017</b> , 232, 175-187	4.7	6
149	Effects of induced placental and fetal growth restriction, size at birth and early neonatal growth on behavioural and brain structural lateralization in sheep. <i>Laterality</i> , <b>2017</b> , 22, 560-589	2	3
148	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, The</i> , <b>2017</b> , 358, j3119	5.9	173

147	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> , <b>2017</b> , 9,	6.7	26
146	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> , <b>2017</b> , 21, 1-158	4.4	136
145	Paternal under-nutrition programs metabolic syndrome in offspring which can be reversed by antioxidant/vitamin food fortification in fathers. <i>Scientific Reports</i> , <b>2016</b> , 6, 27010	4.9	35
144	Programming the brain: Common outcomes and gaps in knowledge from animal studies of IUGR. <i>Physiology and Behavior</i> , <b>2016</b> , 164, 233-48	3.5	27
143	The effect of antenatal lifestyle advice for women who are overweight or obese on secondary measures of neonatal body composition: the LIMIT randomised trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2016</b> , 123, 244-53	3.7	26
142	The effect of antenatal dietary and lifestyle advice for women who are overweight or obese on emotional well-being: the LIMIT randomized trial. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2016</b> , 95, 309-18	3.8	23
141	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> , <b>2016</b> , 7, 548-562	2.4	8
140	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> , <b>2016</b> , 74, 312-28	6.4	82
139	Maternal insulin-like growth factor 1 and 2 differentially affect the renin-angiotensin system during pregnancy in the guinea pig. <i>Growth Hormone and IGF Research</i> , <b>2015</b> , 25, 141-7	2	3
138	Paternal obesity induces metabolic and sperm disturbances in male offspring that are exacerbated by their exposure to an "obesogenic" diet. <i>Physiological Reports</i> , <b>2015</b> , 3, e12336	2.6	61
137	The cost-effectiveness of providing antenatal lifestyle advice for women who are overweight or obese: the LIMIT randomised trial. <i>BMC Obesity</i> , <b>2015</b> , 2, 14	3.6	16
136	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> , <b>2015</b> , 32, 174-80	3.5	21
135	Potential role of folate in pre-eclampsia. <i>Nutrition Reviews</i> , <b>2015</b> , 73, 694-722	6.4	16
134	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> , <b>2015</b> , 309, E589-600	6	17
133	Effects of an antenatal dietary intervention on maternal anthropometric measures in pregnant women with obesity. <i>Obesity</i> , <b>2015</b> , 23, 1555-62	8	12
132	Paternal obesity negatively affects male fertility and assisted reproduction outcomes: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 31, 593-604	4	172
131	Placental and fetal growth restriction, size at birth and neonatal growth alter cognitive function and behaviour in sheep in an age- and sex-specific manner. <i>Physiology and Behavior</i> , <b>2015</b> , 152, 1-10	3.5	6
130	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> , <b>2015</b> , 139, 244-53	3.5	14

129	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> , <b>2015</b> , 308, E805-21	6	121
128	Myogenesis in small and large ovine fetuses at three stages of pregnancy. <i>Animal Production Science</i> , <b>2015</b> , 55, 207	1.4	3
127	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> , <b>2014</b> , 12, 163	11.4	56
126	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> , <b>2014</b> , 306, R441-6	3.2	15
125	Antenatal lifestyle advice for women who are overweight or obese: LIMIT randomised trial. <i>BMJ, The</i> , <b>2014</b> , 348, g1285	5.9	322
124	Circulating IGF1 and IGF2 and SNP genotypes in men and pregnant and non-pregnant women. <i>Endocrine Connections</i> , <b>2014</b> , 3, 138-49	3.5	13
123	Antenatal Dietary and Lifestyle Interventions for Women Who are Overweight or Obese: Outcomes from the LIMIT Randomized Trial. <i>Current Nutrition Reports</i> , <b>2014</b> , 3, 392-399	6	4
122	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> , <b>2014</b> , 12, 161	11.4	112
121	Antenatal Lifestyle Advice for Women Who Are Overweight or Obese. <i>Obstetrical and Gynecological Survey</i> , <b>2014</b> , 69, 311-313	2.4	6
120	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> , <b>2014</b> , 28, 1830-41	0.9	104
119	Paternal obesity initiates metabolic disturbances in two generations of mice with incomplete penetrance to the F2 generation and alters the transcriptional profile of testis and sperm microRNA content. <i>FASEB Journal</i> , <b>2013</b> , 27, 4226-43	0.9	393
118	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> , <b>2013</b> , 172, 1207-14	4.1	9
117	Determinants of maternal triglycerides in women with gestational diabetes mellitus in the Metformin in Gestational Diabetes (MiG) study. <i>Diabetes Care</i> , <b>2013</b> , 36, 1941-6	14.6	24
116	Vitamin B12 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> , <b>2013</b> , 15, 660-7	6.7	19
115	Maternal and neonatal circulating markers of metabolic and cardiovascular risk in the metformin in gestational diabetes (MiG) trial: responses to maternal metformin versus insulin treatment. <i>Diabetes Care</i> , <b>2013</b> , 36, 529-36	14.6	29
114	Neonatal exendin-4 reduces growth, fat deposition and glucose tolerance during treatment in the intrauterine growth-restricted lamb. <i>PLoS ONE</i> , <b>2013</b> , 8, e56553	3.7	13
113	Improving metabolic health in obese male mice via diet and exercise restores embryo development and fetal growth. <i>PLoS ONE</i> , <b>2013</b> , 8, e71459	3.7	48
112	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> , <b>2012</b> , 153, 2142-51	4.8	36

111	Testing the plasticity of insulin secretion and $\beta$ cell function in vivo: responses to chronic hyperglycaemia in the sheep. <i>Experimental Physiology</i> , <b>2012</b> , 97, 663-75	2.4	5
110	Adipokines and adipocyte function in Clock mutant mice that retain melatonin rhythmicity. <i>Obesity</i> , <b>2012</b> , 20, 295-305	8	16
109	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> , <b>2012</b> , 302, E768-80	6	149
108	Diet-induced paternal obesity in the absence of diabetes diminishes the reproductive health of two subsequent generations of mice. <i>Human Reproduction</i> , <b>2012</b> , 27, 1391-400	5.7	146
107	Maternal low-dose porcine somatotropin treatment in late gestation increases progeny weight at birth and weaning in sows but not in gilts. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 1428-35	0.7	1
106	Increased placental nutrient transporter expression at midgestation after maternal growth hormone treatment in pigs: a placental mechanism for increased fetal growth. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 126	3.9	11
105	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 &amp; Clinical Metabolism</i> , <b>2012</b> , 1, 16	0	11
104	Motor system development of the preterm and low birthweight infant. <i>Clinics in Perinatology</i> , <b>2011</b> , 38, 605-25	2.8	14
103	MicroRNA expression profile during adipogenic differentiation in mouse embryonic stem cells. <i>Physiological Genomics</i> , <b>2011</b> , 43, 611-20	3.6	15
102	The neglected role of insulin-like growth factors in the maternal circulation regulating fetal growth. <i>Journal of Physiology</i> , <b>2011</b> , 589, 7-20	3.9	62
101	Pre- and postnatal methyl deficiency in the rat differentially alters glucose homeostasis. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2011</b> , 4, 175-91		7
100	Chronic high-fat diet in fathers programs $\beta$ cell dysfunction in female rat offspring. <i>Nature</i> , <b>2010</b> , 467, 963-6	50.4	1043
99	Maternal responses to daily maternal porcine somatotropin injections during early-mid pregnancy or early-late pregnancy in sows and gilts. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1365-78	0.7	5
98	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> , <b>2010</b> , 67, 603-8	3.2	13
97	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> , <b>2010</b> , 121, 208-17	2.1	53
96	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> , <b>2010</b> , 1, 234-44	2.4	23
95	Review: Placental programming of postnatal diabetes and impaired insulin action after IUGR. <i>Placenta</i> , <b>2010</b> , 31 Suppl, S60-5	3.4	46
94	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> , <b>2009</b> , 87, 3304-16	0.7	29

93	Effects of intrafetal IGF-I on growth of cardiac myocytes in late-gestation fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E513-9	6	19
92	Responses to maternal GH or ractopamine during early-mid pregnancy are similar in primiparous and multiparous pregnant pigs. <i>Journal of Endocrinology</i> , <b>2009</b> , 203, 143-54	4.7	16
91	Uteroplacental insufficiency causes a nephron deficit, modest renal insufficiency but no hypertension with ageing in female rats. <i>Journal of Physiology</i> , <b>2009</b> , 587, 2635-46	3.9	117
90	Prenatal growth restriction and postnatal growth restriction followed by accelerated growth independently program reduced bone growth and strength. <i>Bone</i> , <b>2009</b> , 45, 132-41	4.7	34
89	Distinct actions of insulin-like growth factors (IGFs) on placental development and fetal growth: lessons from mice and guinea pigs. <i>Placenta</i> , <b>2008</b> , 29 Suppl A, S42-7	3.4	47
88	Maternal insulin-like growth factor-II promotes placental functional development via the type 2 IGF receptor in the guinea pig. <i>Placenta</i> , <b>2008</b> , 29, 347-55	3.4	24
87	Effect of variable long-term maternal feed allowance on the development of the ovine placenta and fetus. <i>Placenta</i> , <b>2008</b> , 29, 539-48	3.4	21
86	Impaired beta-cell function and inadequate compensatory increases in beta-cell mass after intrauterine growth restriction in sheep. <i>Endocrinology</i> , <b>2008</b> , 149, 5118-27	4.8	59
85	Growth restriction before or after birth reduces nephron number and increases blood pressure in male rats. <i>Kidney International</i> , <b>2008</b> , 74, 187-95	9.9	138
84	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> , <b>2008</b> , 294, E861-9	6	42
83	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> , <b>2008</b> , 295, E170-8	6	23
82	Improved lactational nutrition and postnatal growth ameliorates impairment of glucose tolerance by uteroplacental insufficiency in male rat offspring. <i>Endocrinology</i> , <b>2008</b> , 149, 3067-76	4.8	68
81	Restriction of placental growth in sheep impairs insulin secretion but not sensitivity before birth. <i>Journal of Physiology</i> , <b>2007</b> , 584, 935-49	3.9	47
80	Maternal birthweight and outcome of twin pregnancy. <i>Paediatric and Perinatal Epidemiology</i> , <b>2007</b> , 21, 501-6	2.7	4
79	Mild gestational diabetes in pregnancy and the adipoinular axis in babies born to mothers in the ACHOIS randomised controlled trial. <i>BMC Pediatrics</i> , <b>2007</b> , 7, 18	2.6	26
78	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> , <b>2007</b> , 292, E494-500	6	19
77	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> , <b>2007</b> , 292, E668-76	6	47
76	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> , <b>2007</b> , 293, E75-82	6	64

75	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> , <b>2007</b> , 292, E1879-89	6	64
74	Early pregnancy maternal endocrine insulin-like growth factor I programs the placenta for increased functional capacity throughout gestation. <i>Endocrinology</i> , <b>2007</b> , 148, 4362-70	4.8	48
73	Intrafetal insulin-like growth factor-I infusion stimulates adrenal growth but not steroidogenesis in the sheep fetus during late gestation. <i>Endocrinology</i> , <b>2007</b> , 148, 5424-32	4.8	14
72	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> , <b>2007</b> , 18, 1688-96	12.7	183
71	Metabolic homeostasis in mice with disrupted Clock gene expression in peripheral tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 293, R1528-37 <sup>3.2</sup>		110
70	Placental restriction of fetal growth increases insulin action, growth, and adiposity in the young lamb. <i>Endocrinology</i> , <b>2007</b> , 148, 1350-8	4.8	105
69	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> , <b>2007</b> , 292, R875-86	3.2	88
68	The kidney is resistant to chronic hypoglycaemia in late-gestation fetal sheep. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2007</b> , 85, 597-605	2.4	4
67	Maternal insulin-like growth factors-I and -II act via different pathways to promote fetal growth. <i>Endocrinology</i> , <b>2006</b> , 147, 3344-55	4.8	88
66	Placental restriction alters circulating thyroid hormone in the young lamb postnatally. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 291, R1016-24	3.2	20
65	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> , <b>2006</b> , 291, R1172-80	3.2	40
64	Early Life Origins of Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2006</b> ,	3.6	7
63	Individual differences in glucose homeostasis: do our early life interactions with bacteria matter?. <i>Brain, Behavior, and Immunity</i> , <b>2006</b> , 20, 401-9	16.6	24
62	Maternal Dietary Intake in Twin Pregnancies: Does it Diminish Towards Term?. <i>Twin Research and Human Genetics</i> , <b>2006</b> , 9, 656-658	2.2	1
61	Restricted fetal growth and lung development: a morphometric analysis of pulmonary structure. <i>Pediatric Pulmonology</i> , <b>2006</b> , 41, 1138-45	3.5	55
60	Maternal dietary intake in twin pregnancies: does it diminish towards term?. <i>Twin Research and Human Genetics</i> , <b>2006</b> , 9, 656-8	2.2	1
59	Late pregnancy increases hepatic expression of insulin-like growth factor-I in well nourished guinea pigs. <i>Growth Hormone and IGF Research</i> , <b>2005</b> , 15, 165-71	2	1
58	Myogenesis in sheep is altered by maternal feed intake during the peri-conception period. <i>Animal Reproduction Science</i> , <b>2005</b> , 87, 241-51	2.1	58

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> , <b>2005</b> , 288, R119-26	3.2	47
56	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> , <b>2005</b> , 57, 680-4	3.2	10
55	Postnatal ontogeny of glucose homeostasis and insulin action in sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E1050-9	6	32
54	Cardiovascular and renal disease in the adolescent guinea pig after chronic placental insufficiency. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 191, 847-55	6.4	60
53	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> , <b>2004</b> , 134, 1454-8	4.1	93
52	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> , <b>2003</b> , 90, 283-93	3.6	27
51	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> , <b>2003</b> , 284, R140-52	3.2	80
50	Whey proteins protect more than red meat against azoxymethane induced ACF in Wistar rats. <i>Cancer Letters</i> , <b>2003</b> , 198, 43-51	9.9	38
49	Is birthweight a good marker for gestational exposures that increase the risk of adult disease?. <i>Paediatric and Perinatal Epidemiology</i> , <b>2002</b> , 16, 194-9	2.7	24
48	Effect of maternal feed restriction on blood pressure in the adult guinea pig. <i>Experimental Physiology</i> , <b>2002</b> , 87, 469-77	2.4	63
47	Perinatal growth and plasma GH profiles in adolescent and adult sheep. <i>Journal of Endocrinology</i> , <b>2002</b> , 173, 151-9	4.7	22
46	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> , <b>2002</b> , 110, 99-105	2.2	27
45	Circulating insulin-like growth factor (IGF)-I and IGF binding proteins -1 and -3 and placental development in the guinea-pig. <i>Placenta</i> , <b>2002</b> , 23, 763-70	3.4	8
44	Introduction: moving on from controversies to mechanisms. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2001</b> , 28, 930	3	1
43	Insulin-like growth factor I alters renal function and stimulates renin secretion in late gestation fetal sheep. <i>Journal of Physiology</i> , <b>2001</b> , 530, 253-62	3.9	15
42	Fetoplacental growth in sheep administered progesterone during the first three days of pregnancy. <i>Placenta</i> , <b>2001</b> , 22, 14-23	3.4	21
41	Maternal food restriction reduces the exchange surface area and increases the barrier thickness of the placenta in the guinea-pig. <i>Placenta</i> , <b>2001</b> , 22, 177-85	3.4	89
40	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> , <b>2001</b> , 22 Suppl A, S77-82	3.4	20



39	Restriction of fetal growth has a differential impact on fetal prolactin and prolactin receptor mRNA expression. <i>Journal of Neuroendocrinology</i> , <b>2001</b> , 13, 175-81	3.8	19
38	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> , <b>2001</b> , 11, 392-8	2	23
37	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> , <b>2001</b> , 281, R318-26	3.2	23
36	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> , <b>2000</b> , 12, 79-85	3.8	15
35	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> , <b>2000</b> , 98, 553-60	6.5	65
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> , <b>2000</b> , 98, 553	6.5	23
33	Effects of Placental Insufficiency on the Ovine Fetal Renin-Angiotensin System. <i>Experimental Physiology</i> , <b>2000</b> , 85, 79-84	2.4	30
32	Treatment of underfed pigs with GH throughout the second quarter of pregnancy increases fetal growth. <i>Journal of Endocrinology</i> , <b>2000</b> , 166, 227-34	4.7	30
31	Origins of fetal growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2000</b> , 92, 13-9	2.4	92
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12	Fetal nutrition and cardiovascular disease in adult life. <i>Lancet, The</i> , <b>1993</b> , 341, 938-41	4.0	2100
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- 3 High-performance liquid chromatographic determination of plasma lactate specific radioactivity.  
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- 2 Impact of Restriction of Placental and Fetal Growth on Expression of 11 $\beta$ -Hydroxysteroid  
Dehydrogenase Type 1 and Type 2 Messenger Ribonucleic Acid in the Liver, Kidney, and Adrenal of  
the Sheep Fetus 6
- 1 Responses of the Fetal Pituitary-Adrenal Axis to Acute and Chronic Hypoglycemia during Late  
Gestation in the Sheep 6