Mary E Wlodek

List of Publications by Year in Descending Order

169 papers	3,635 citations	33 h-index	52 g-index
182 ext. papers	4,128 ext. citations	4.1 avg, IF	5.41 L-index

#	Paper	IF	Citations
169	Pregnant biglycan knockout mice have altered cardiorenal adaptations and a shorter gestational length, but do not develop a pre-eclamptic phenotype.. *Placenta*, **2022**, 119, 52-62	3.4	
168	Delayed secretory activation and low milk production in women with gestational diabetes: a case series.. *BMC Pregnancy and Childbirth*, **2022**, 22, 350	3.2	1
167	Healthy Breastfeeding Infants Consume Different Quantities of Milk Fat Globule Membrane Lipids. *Nutrients*, **2021**, 13, 2951	6.7	0
166	The Fatty Acid Species and Quantity Consumed by the Breastfed Infant Are Important for Growth and Development. *Nutrients*, **2021**, 13,	6.7	1
165	The human milk microbiome: who, what, when, where, why, and how?. *Nutrition Reviews*, **2021**, 79, 529-543	6.4	18
164	Exercise alters cardiovascular and renal pregnancy adaptations in female rats born small on a high-fat diet. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R404-R416	3.2	1
163	The association of maternal gestational hyperglycemia with breastfeeding duration and markers of milk production. *American Journal of Clinical Nutrition*, **2021**, 114, 1219-1228	7	3
162	Daily variation of macronutrient concentrations in mature human milk over 3 weeks. *Scientific Reports*, **2021**, 11, 10224	4.9	2
161	Reduction in Maternal Energy Intake during Lactation Decreased Maternal Body Weight and Concentrations of Leptin, Insulin and Adiponectin in Human Milk without Affecting Milk Production, Milk Macronutrient Composition or Infant Growth. *Nutrients*, **2021**, 13,	6.7	2
160	The Impact of Maternal Obesity on Human Milk Macronutrient Composition: A Systematic Review and Meta-Analysis. *Current Developments in Nutrition*, **2021**, 5, 773-773	0.4	78
159	Maternal circulating SPINT1 is reduced in small-for-gestational age pregnancies at 26 weeks: Growing up in Singapore towards health outcomes (GUSTO) cohort study. *Placenta*, **2021**, 110, 24-28	3.4	4
158	Elevated Circulating and Placental SPINT2 Is Associated with Placental Dysfunction. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
157	Maternal exercise alters rat fetoplacental stress response: Minimal effects of maternal growth restriction and high-fat feeding. *Placenta*, **2021**, 104, 57-70	3.4	1
156	Can we modulate the breastfed infant gut microbiota through maternal diet?. *FEMS Microbiology Reviews*, **2021**, 45,	15.1	9
155	The importance of infantsSlipid intake in human milk research. *Nutrition Reviews*, **2021**, 79, 1353-1361	6.4	3
154	Untargeted lipidomics using liquid chromatography-ion mobility-mass spectrometry reveals novel triacylglycerides in human milk. *Scientific Reports*, **2020**, 10, 9255	4.9	20
153	Is breastfeeding associated with later child eating behaviours?. *Appetite*, **2020**, 150, 104653	4.5	7

152	Moderate prenatal ethanol exposure in the rat promotes kidney cell apoptosis, nephron deficits, and sex-specific kidney dysfunction in adult offspring. *Anatomical Record*, **2020**, 303, 2632-2645	2.1	4
151	A Systematic Review of Collection and Analysis of Human Milk for Macronutrient Composition. *Journal of Nutrition*, **2020**, 150, 1652-1670	4.1	7
150	The impact of maternal obesity on human milk macronutrient composition: A systematic review and meta-analysis. *Nutrients*, **2020**, 12,	6.7	20
149	Epigenetic mechanisms involved in intrauterine growth restriction and aberrant kidney development and function. *Journal of Developmental Origins of Health and Disease*, **2020**, 1-11	2.4	2
148	Exercise improves metabolic function and alters the microbiome in rats with gestational diabetes. *FASEB Journal*, **2020**, 34, 1728-1744	0.9	9
147	Parental mental health before and during pregnancy and offspring birth outcomes: A 20-year preconception cohort of maternal and paternal exposure. *EClinicalMedicine*, **2020**, 27, 100564	11.3	3
146	Mismatch between poor fetal growth and rapid postnatal weight gain in the first 2 years of life is associated with higher blood pressure and insulin resistance without increased adiposity in childhood: the GUSTO cohort study. *International Journal of Epidemiology*, **2020**, 49, 1591-1603	7.8	5
145	Human Milk Sampling Protocols Affect Estimation of Infant Lipid Intake. *Journal of Nutrition*, **2020**, 150, 2924-2930	4.1	8
144	Transgenerational programming of nephron deficits and hypertension. *Seminars in Cell and Developmental Biology*, **2020**, 103, 94-103	7.5	14
143	Breastfeeding a small for gestational age infant, complicated by maternal gestational diabetes: a case report. *BMC Pregnancy and Childbirth*, **2019**, 19, 210	3.2	4
142	Periconceptional alcohol exposure causes female-specific perturbations to trophoblast differentiation and placental formation in the rat. *Development (Cambridge)*, **2019**, 146,	6.6	15
141	What Evidence Do We Have for Pharmaceutical Galactagogues in the Treatment of Lactation Insufficiency?-A Narrative Review. *Nutrients*, **2019**, 11,	6.7	21
140	Reducing Pup Litter Size Alters Early Postnatal Calcium Homeostasis and Programs Adverse Adult Cardiovascular and Bone Health in Male Rats. *Nutrients*, **2019**, 11,	6.7	6
139	Exercise initiated during pregnancy in rats born growth restricted alters placental mTOR and nutrient transporter expression. *Journal of Physiology*, **2019**, 597, 1905-1918	3.9	10
138	The transgenerational effect of maternal and paternal F1 low birth weight on bone health of second and third generation offspring. *Journal of Developmental Origins of Health and Disease*, **2019**, 10, 144-153	2.4	0
137	Periconceptional ethanol exposure induces a sex specific diuresis and increase in AQP2 and AVPR2 in the kidneys of aged rat offspring. *Physiological Reports*, **2019**, 7, e14273	2.6	1
136	Impact of Intrauterine Growth Restriction on the Capillarization of the Early Postnatal Rat Heart. *Anatomical Record*, **2019**, 302, 1580-1586	2.1	2
135	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 63-78	12.7	36

134	Adolescence and the next generation. *Nature*, **2018**, 554, 458-466	50.4	149
133	Uteroplacental insufficiency temporally exacerbates salt-induced hypertension associated with a reduced natriuretic response in male rat offspring. *Journal of Physiology*, **2018**, 596, 5859-5872	3.9	7
132	Delayed myelination and neurodevelopment in male seizure-prone versus seizure-resistant rats. *Epilepsia*, **2018**, 59, 753-764	6.4	9
131	Maternal stress does not exacerbate long-term bone deficits in female rats born growth restricted, with differential effects on offspring bone health. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 314, R161-R170	3.2	3
130	Maternal exercise in rats upregulates the placental insulin-like growth factor system with diet- and sex-specific responses: minimal effects in mothers born growth restricted. *Journal of Physiology*, **2018**, 596, 5947-5964	3.9	16
129	Effects of periconceptional maternal alcohol intake and a postnatal high-fat diet on obesity and liver disease in male and female rat offspring. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E694-E704	6	13
128	Angiotensin receptor blockade in juvenile male rat offspring: Implications for long-term cardio-renal health. *Pharmacological Research*, **2018**, 134, 320-331	10.2	3
127	Uteroplacental insufficiency in rats induces renal apoptosis and delays nephrogenesis completion. *Acta Physiologica*, **2018**, 222, e12982	5.6	4
126	Sustained cardiac programming by short-term juvenile exercise training in male rats. *Journal of Physiology*, **2018**, 596, 163-180	3.9	16
125	Maternal exercise and growth restriction in rats alters placental angiogenic factors and blood space area in a sex-specific manner. *Placenta*, **2018**, 74, 47-54	3.4	11
124	Fetal growth restriction shortens cardiac telomere length, but this is attenuated by exercise in early life. *Physiological Genomics*, **2018**, 50, 956-963	3.6	1
123	Intrauterine Growth Restriction Alters the Postnatal Development of the Rat Cerebellum. *Developmental Neuroscience*, **2017**, 39, 215-227	2.2	13
122	Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and heart failure. *Journal of the American Heart Association*, **2017**, 6,	6	32
121	Uteroplacental insufficiency reduces rat plasma leptin concentrations and alters placental leptin transporters: ameliorated with enhanced milk intake and nutrition. *Journal of Physiology*, **2017**, 595, 3389-3407	3.9	18
120	Puberty onset is delayed following uteroplacental insufficiency and occurs earlier with improved lactation and growth for pups born small. *Reproduction, Fertility and Development*, **2017**, 29, 307-318	1.8	7
119	Maternal growth restriction and stress exposure in rats differentially alters expression of components of the placental glucocorticoid barrier and nutrient transporters. *Placenta*, **2017**, 59, 30-38	3.4	10
118	Evaluation of right heart function in a rat model using modified echocardiographic views. *PLoS ONE* , **2017**, 12, e0187345	3.7	3
117	Differences in white matter structure between seizure prone (FAST) and seizure resistant (SLOW) rat strains. *Neurobiology of Disease*, **2017**, 104, 33-40	7.5	15

116	Sex-Specific Metabolic Outcomes in Offspring of Female Rats Born Small or Exposed to Stress During Pregnancy. *Endocrinology*, **2016**, 157, 4104-4120	4.8	22
115	Maternal obesity in females born small: Pregnancy complications and offspring disease risk. *Molecular Nutrition and Food Research*, **2016**, 60, 8-17	5.9	14
114	Programming of maternal and offspring disease: impact of growth restriction, fetal sex and transmission across generations. *Journal of Physiology*, **2016**, 594, 4727-40	3.9	87
113	Adrenal, metabolic and cardio-renal dysfunction develops after pregnancy in rats born small or stressed by physiological measurements during pregnancy. *Journal of Physiology*, **2016**, 594, 6055-6068	3.9	13
112	Endurance training in early life results in long-term programming of heart mass in rats. *Physiological Reports*, **2016**, 4, e12720	2.6	14
111	Respiratory modulation of sympathetic nerve activity is enhanced in male rat offspring following uteroplacental insufficiency. *Respiratory Physiology and Neurobiology*, **2016**, 226, 147-51	2.8	4
110	The role of maternal nutrition, metabolic function and the placenta in developmental programming of renal dysfunction. *Clinical and Experimental Pharmacology and Physiology*, **2016**, 43, 135-41	3	20
109	Fathers that are born small program alterations in the next-generation preimplantation rat embryos. *Journal of Nutrition*, **2015**, 145, 876-83	4.1	9
108	Maternal alcohol intake around the time of conception causes glucose intolerance and insulin insensitivity in rat offspring, which is exacerbated by a postnatal high-fat diet. *FASEB Journal*, **2015**, 29, 2690-701	0.9	46
107	Low female birth weight and advanced maternal age programme alterations in next-generation blastocyst development. *Reproduction*, **2015**, 149, 497-510	3.8	5
106	Pregnant growth restricted female rats have bone gains during late gestation which contributes to second generation adolescent and adult offspring having normal bone health. *Bone*, **2015**, 74, 199-207	4.7	5
105	Uteroplacental insufficiency leads to hypertension, but not glucose intolerance or impaired skeletal muscle mitochondrial biogenesis, in 12-month-old rats. *Physiological Reports*, **2015**, 3, e12556	2.6	12
104	Developmental programming of bone deficits in growth-restricted offspring. *Reproduction, Fertility and Development*, **2015**, 27, 823-33	1.8	7
103	Leptin in pregnancy and development: a contributor to adulthood disease?. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E335-50	6	64
102	Exercise as an intervention to improve metabolic outcomes after intrauterine growth restriction. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E999-1012	6	15
101	Physiological skeletal gains and losses in rat mothers during pregnancy and lactation are not observed following uteroplacental insufficiency. *Reproduction, Fertility and Development*, **2014**, 26, 385-94	1.8	7
100	Growth restriction in the rat alters expression of cardiac JAK/STAT genes in a sex-specific manner. *Journal of Developmental Origins of Health and Disease*, **2014**, 5, 314-21	2.4	6
99	Embryo transfer cannot delineate between the maternal pregnancy environment and germ line effects in the transgenerational transmission of disease in rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 306, R607-18	3.2	8

98	Transgenerational programming of fetal nephron deficits and sex-specific adult hypertension in rats. *Reproduction, Fertility and Development*, **2014**, 26, 1032-43	1.8	31
97	Localization of relaxin receptors in arteries and veins, and region-specific increases in compliance and bradykinin-mediated relaxation after in vivo serelaxin treatment. *FASEB Journal*, **2014**, 28, 275-87	0.9	72
96	Transgenerational left ventricular hypertrophy and hypertension in offspring after uteroplacental insufficiency in male rats. *Clinical and Experimental Pharmacology and Physiology*, **2014**, 41, 884-90	3	19
95	Periconceptional alcohol consumption causes fetal growth restriction and increases glycogen accumulation in the late gestation rat placenta. *Placenta*, **2014**, 35, 50-7	3.4	56
94	No change in calreticulin with fetal growth restriction in human and rat pregnancies. *Placenta*, **2013**, 34, 1066-71	3.4	2
93	Epigenetic origins of metabolic disease: The impact of the maternal condition to the offspring epigenome and later health consequences. *Food Science and Human Wellness*, **2013**, 2, 1-11	8.3	46
92	Growth restriction in the rat alters expression of metabolic genes during postnatal cardiac development in a sex-specific manner. *Physiological Genomics*, **2013**, 45, 99-105	3.6	22
91	Transgenerational metabolic outcomes associated with uteroplacental insufficiency. *Journal of Endocrinology*, **2013**, 217, 105-18	4.7	27
90	Enhanced uterine artery stiffness in aged pregnant relaxin mutant mice is reversed with exogenous relaxin treatment. *Biology of Reproduction*, **2013**, 89, 18	3.9	21
89	Developmental programming: variations in early growth and adult disease. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 795-802	3	14
88	The effect of low-to-moderate-dose ethanol consumption on rat mammary gland structure and function and early postnatal growth of offspring. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R791-8	3.2	5
87	Impact of low dose prenatal ethanol exposure on glucose homeostasis in Sprague-Dawley rats aged up to eight months. *PLoS ONE*, **2013**, 8, e59718	3.7	20
86	Uteroplacental insufficiency programmes vascular dysfunction in non-pregnant rats: compensatory adaptations in pregnancy. *Journal of Physiology*, **2012**, 590, 3375-88	3.9	23
85	Maternal adaptations and inheritance in the transgenerational programming of adult disease. *Cell and Tissue Research*, **2012**, 349, 863-80	4.2	20
84	Cardio-renal and metabolic adaptations during pregnancy in female rats born small: implications for maternal health and second generation fetal growth. *Journal of Physiology*, **2012**, 590, 617-30	3.9	45
83	Effect of pregnancy for females born small on later life metabolic disease risk. *PLoS ONE*, **2012**, 7, e45188	3.7	15
82	Exercise early in life in rats born small does not normalize reductions in skeletal muscle PGC-1 in adulthood. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E1221-30	6	18
81	Normal lactational environment restores cardiomyocyte number after uteroplacental insufficiency: implications for the preterm neonate. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 302, R1101-10	3.2	39

80	Pregnancy in aged rats that were born small: cardiorenal and metabolic adaptations and second-generation fetal growth. *FASEB Journal*, **2012**, 26, 4337-47	0.9	22
79	Uteroplacental insufficiency and lactational environment separately influence arterial stiffness and vascular function in adult male rats. *Hypertension*, **2012**, 60, 378-86	8.5	42
78	Long-term alteration in maternal blood pressure and renal function after pregnancy in normal and growth-restricted rats. *Hypertension*, **2012**, 60, 206-13	8.5	22
77	Relaxin mediates uterine artery compliance during pregnancy and increases uterine blood flow. *FASEB Journal*, **2012**, 26, 4035-44	0.9	42
76	82 LOW MATERNAL BIRTH WEIGHT IS ASSOCIATED WITH TRANSMISSION OF NEPHRON DEFICITS AND HIGH BLOOD PRESSURE IN MALE RATS. *Journal of Hypertension*, **2012**, 30, e26	1.9	3
75	Stage of perinatal development regulates skeletal muscle mitochondrial biogenesis and myogenic regulatory factor genes with little impact of growth restriction or cross-fostering. *Journal of Developmental Origins of Health and Disease*, **2012**, 3, 39-51	2.4	5
74	Growth restriction alters adult spatial memory and sensorimotor gating in a sex-specific manner. *Journal of Developmental Origins of Health and Disease*, **2012**, 3, 59-68	2.4	5
73	Short-term exercise training early in life restores deficits in pancreatic β-cell mass associated with growth restriction in adult male rats. *American Journal of Physiology - Endocrinology and Metabolism* , **2011**, 301, E931-40	6	42
72	Surviving life in the womb and the implications for vascular health in adulthood **2011**, 29-31		
71	Uteroplacental insufficiency programs regional vascular dysfunction and alters arterial stiffness in female offspring. *Journal of Physiology*, **2010**, 588, 1997-2010	3.9	68
70	Decreased expression of the rat myometrial relaxin receptor (RXFP1) in late pregnancy is partially mediated by the presence of the conceptus. *Biology of Reproduction*, **2010**, 83, 818-24	3.9	14
69	Progesterone withdrawal, and not increased circulating relaxin, mediates the decrease in myometrial relaxin receptor (RXFP1) expression in late gestation in rats. *Biology of Reproduction*, **2010**, 83, 825-32	3.9	13
68	Calcium supplementation does not rescue the programmed adult bone deficits associated with perinatal growth restriction. *Bone*, **2010**, 47, 1054-63	4.7	18
67	Cross-fostering and improved lactation ameliorates deficits in endocrine pancreatic morphology in growth-restricted adult male rat offspring. *Journal of Developmental Origins of Health and Disease*, **2010**, 1, 234-44	2.4	23
66	Growth restriction before and after birth increases kinase signaling pathways in the adult rat heart. *Journal of Developmental Origins of Health and Disease*, **2010**, 1, 376-85	2.4	5
65	Review: Sex specific programming: a critical role for the renal renin-angiotensin system. *Placenta*, **2010**, 31 Suppl, S40-6	3.4	92
64	Normal mammary gland growth and lactation capacity in pregnant relaxin-deficient mice. *Reproduction, Fertility and Development*, **2009**, 21, 549-60	1.8	7
63	Maternal progesterone treatment rescues the mammary impairment following uteroplacental insufficiency and improves postnatal pup growth in the rat. *Reproductive Sciences*, **2009**, 16, 380-90	3	8

62	Uteroplacental insufficiency causes a nephron deficit, modest renal insufficiency but no hypertension with ageing in female rats. *Journal of Physiology*, **2009**, 587, 2635-46	3.9	117
61	Prenatal growth restriction and postnatal growth restriction followed by accelerated growth independently program reduced bone growth and strength. *Bone*, **2009**, 45, 132-41	4.7	34
60	Growth restriction before or after birth reduces nephron number and increases blood pressure in male rats. *Kidney International*, **2008**, 74, 187-95	9.9	138
59	Brain allopregnanolone in the fetal and postnatal rat in response to uteroplacental insufficiency. *Neuroendocrinology*, **2008**, 88, 287-92	5.6	12
58	Uteroplacental insufficiency and reducing litter size alters skeletal muscle mitochondrial biogenesis in a sex-specific manner in the adult rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 294, E861-9	6	42
57	Effects of uteroplacental insufficiency and reducing litter size on maternal mammary function and postnatal offspring growth. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 294, R539-48	3.2	62
56	Improved lactational nutrition and postnatal growth ameliorates impairment of glucose tolerance by uteroplacental insufficiency in male rat offspring. *Endocrinology*, **2008**, 149, 3067-76	4.8	68
55	Increased elastic tissue defect formation in the growth restricted Brown Norway rat: a potential link between in utero condition and cardiovascular disease. *Pediatric Research*, **2008**, 64, 125-30	3.2	8
54	Uteroplacental insufficiency alters the mammary gland response to lactogenic hormones in vitro. *Reproduction, Fertility and Development*, **2008**, 20, 460-5	1.8	7
53	Identification of the Alzheimer's disease amyloid precursor protein (APP) and its homologue APLP2 as essential modulators of glucose and insulin homeostasis and growth. *Journal of Pathology*, **2008**, 215, 155-63	9.4	42
52	Effects of estrogen on basal forebrain cholinergic neurons and spatial learning. *Journal of Neuroscience Research*, **2008**, 86, 1588-98	4.4	36
51	Why do membranes rupture at term? Evidence of increased cellular apoptosis in the supracervical fetal membranes. *American Journal of Obstetrics and Gynecology*, **2007**, 196, 484.e1-10	6.4	56
50	Effect of high oxygen on placental function in short-term explant cultures. *Cell and Tissue Research*, **2007**, 328, 607-16	4.2	21
49	Normal lactational environment restores nephron endowment and prevents hypertension after placental restriction in the rat. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 1688-96	12.7	183
48	Effects of uteroplacental restriction on the relaxin-family receptors, Lgr7 and Lgr8, in the uterus of late pregnant rats. *Reproduction, Fertility and Development*, **2007**, 19, 530-8	1.8	15
47	Relative contribution of the prenatal versus postnatal period on development of hypertension and growth rate of the spontaneously hypertensive rat. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 9-16	3	17
46	Lack of evidence for a role for either the in utero or suckling periods in the exaggerated salt preference of the spontaneously hypertensive rat. *Physiology and Behavior*, **2005**, 86, 500-7	3.5	5
45	Uteroplacental restriction in the rat impairs fetal growth in association with alterations in placental growth factors including PTHrP. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 288, R1620-7	3.2	62

44	Angiotensin II influences ovarian follicle development in the transgenic (mRen-2)27 and Sprague-Dawley rat. *Journal of Endocrinology*, **2004**, 180, 311-24	4.7	14
43	Does perinatal omega-3 polyunsaturated fatty acid deficiency increase appetite signaling?. *Obesity*, **2004**, 12, 1886-94		17
42	PTH/PTHrP receptor and mid-molecule PTHrP regulation of intrauterine PTHrP: PTH/PTHrP receptor antagonism increases SHR fetal weight. *Placenta*, **2004**, 25, 53-61	3.4	11
41	Effect of nuclear factor-kappa B inhibitors and peroxisome proliferator-activated receptor-gamma ligands on PTHrP release from human fetal membranes. *Placenta*, **2004**, 25, 699-704	3.4	14
40	Cardiovascular and renal disease in the adolescent guinea pig after chronic placental insufficiency. *American Journal of Obstetrics and Gynecology*, **2004**, 191, 847-55	6.4	60
39	Expression and localisation of GLUT1 and GLUT12 glucose transporters in the pregnant and lactating rat mammary gland. *Cell and Tissue Research*, **2003**, 311, 91-7	4.2	53
38	Impaired mammary function and parathyroid hormone-related protein during lactation in growth-restricted spontaneously hypertensive rats. *Journal of Endocrinology*, **2003**, 178, 233-45	4.7	20
37	The spontaneously hypertensive rat fetus, not the mother, is responsible for the reduced amniotic fluid PTHrP concentrations and growth restriction. *Placenta*, **2001**, 22, 646-51	3.4	11
36	Fetal versus maternal determinants of the reduced fetal and placental growth in spontaneously hypertensive rats. *Journal of Hypertension*, **2000**, 18, 45-50	1.9	10
35	First report of active renin in rat amniotic fluid. *Clinical and Experimental Pharmacology and Physiology*, **2000**, 27, 631-3	3	1
34	Preterm fetal growth restriction is associated with increased parathyroid hormone-related protein expression in the fetal membranes. *American Journal of Obstetrics and Gynecology*, **2000**, 183, 700-5	6.4	15
33	Reduced fetal, placental, and amniotic fluid PTHrP in the growth-restricted spontaneously hypertensive rat. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 279, R31-8	3.2	15
32	Parathyroid hormone(1-34) and parathyroid hormone-related protein(1-34) stimulate calcium release from human syncytiotrophoblast basal membranes via a common receptor. *Journal of Endocrinology*, **2000**, 166, 689-95	4.7	22
31	Parathyroid hormone-related protein(1-34) in gestational fluids and release from human gestational tissues. *Journal of Endocrinology*, **2000**, 165, 657-62	4.7	21
30	Reduced intestinal epithelial cell brush border membrane calcium transport in spontaneously hypertensive rats. *Journal of Hypertension*, **1999**, 17, 777-84	1.9	2
29	Effects of prostaglandin E2 on renal function and lung liquid dynamics in foetal sheep. *Clinical and Experimental Pharmacology and Physiology*, **1998**, 25, 805-12	3	4
28	Intrauterine expression of parathyroid hormone-related protein in normal and pre-eclamptic pregnancies. *Placenta*, **1998**, 19, 595-601	3.4	15
27	Parathyroid hormone-related protein (PTHrP) mRNA splicing and parathyroid hormone/PTHrP receptor mRNA expression in human placenta and fetal membranes. *Journal of Molecular Endocrinology*, **1998**, 21, 225-34	4.5	17

26	Source of inhibin in ovine fetal plasma and amniotic fluid during late gestation: half-life of fetal inhibin. *Biology of Reproduction*, **1997**, 57, 347-53	3.9	6
25	The expression of parathyroid hormone-related protein mRNA and immunoreactive protein in human amnion and choriodecidua is increased at term compared with preterm gestation. *Journal of Endocrinology*, **1997**, 154, 103-12	4.7	26
24	Effects of prolonged hypoxemia on fetal renal function and amniotic fluid volume in sheep. *American Journal of Obstetrics and Gynecology*, **1997**, 176, 320-6	6.4	19
23	Vascular effects of PTHrP (1-34) and PTH (1-34) in the human fetal-placental circulation. *Placenta*, **1997**, 18, 587-92	3.4	31
22	Alterations in fetal urine production during prolonged hypoxaemia induced by reduced uterine blood flow in sheep: mechanisms. *Clinical and Experimental Pharmacology and Physiology*, **1996**, 23, 57-63	3	6
21	Locations and molecular forms of gastrin-releasing peptide-like immunoreactive entities in ovine pregnancy. *Peptides*, **1996**, 17, 489-95	3.8	8
20	Endocrine responses of fetal sheep to prolonged hypoxemia with and without acidemia: relation to urine production. *American Journal of Physiology - Renal Physiology*, **1995**, 268, F868-75	4.3	2
19	Parathyroid hormone-related protein (PTHrP) concentrations in human amniotic fluid during gestation and at the time of labour. *Reproduction, Fertility and Development*, **1995**, 7, 1509-13	1.8	20
18	Swallowing and urine flow responses of ovine fetuses to 24 h of hypoxia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1994**, 266, R1345-52	3.2	6
17	Effects of inhibition of prostaglandin synthesis on flow and composition of fetal urine, lung liquid, and swallowed fluid in sheep. *American Journal of Obstetrics and Gynecology*, **1994**, 170, 186-95	6.4	5
16	The effects of twenty-four hours of reduced uterine blood flow on fetal fluid balance in sheep. *American Journal of Obstetrics and Gynecology*, **1994**, 170, 1442-51	6.4	8
15	Swallowing of lung liquid and amniotic fluid by the ovine fetus under normoxic and hypoxic conditions. *American Journal of Obstetrics and Gynecology*, **1994**, 171, 764-70	6.4	57
14	Effects of inhibition of prostaglandin synthesis on flow and composition of fetal urine, lung liquid, and swallowed fluid in sheep. *American Journal of Obstetrics and Gynecology*, **1994**, 170, 186-195	6.4	8
13	The effects of twenty-four hours of reduced uterine blood flow on fetal fluid balance in sheep. *American Journal of Obstetrics and Gynecology*, **1994**, 170, 1442-1451	6.4	8
12	Fetal-maternal fluid and electrolyte relations during chronic fetal urine loss in sheep. *American Journal of Physiology - Renal Physiology*, **1992**, 263, F671-9	4.3	4
11	The influence of gestational age and onset of labour on determinants of fetal-maternal fluid and electrolyte balance in sheep. *Journal of Developmental Physiology*, **1992**, 18, 111-9		3
10	Bladder contractions and micturition in fetal sheep: their relation to behavioral states. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1989**, 257, R1526-32	3.2	3
9	The effects of hypoxemia with progressive acidemia on fetal renal function in sheep. *Journal of Developmental Physiology*, **1989**, 12, 323-8		6

8	Urethral and urachal urine output to the amniotic and allantoic sacs in fetal sheep. *Journal of Developmental Physiology*, **1988**, 10, 309-19		16
7	Decreased urine production in the near-term fetal lamb after maternal ethanol infusion. *American Journal of Obstetrics and Gynecology*, **1987**, 156, 1273-4	6.4	1
6	The role of fetal urinary excretion in the transfer of ethanol into amniotic fluid after maternal administration of ethanol to the near-term pregnant ewe. *Canadian Journal of Physiology and Pharmacology*, **1987**, 65, 1120-4	2.4	1
5	Plasma adrenocorticotropic hormone and cortisol and adrenal blood flow during sustained hypoxemia in fetal sheep. *American Journal of Obstetrics and Gynecology*, **1986**, 155, 1332-6	6.4	44
4	Possible role of uterine contractions in the short-term fluctuations of plasma ACTH concentration in fetal sheep. *Journal of Endocrinology*, **1985**, 106, R9-11	4.7	12
3	Changes in pituitary responses to synthetic ovine corticotrophin releasing factor in fetal sheep. *Canadian Journal of Physiology and Pharmacology*, **1985**, 63, 1398-403	2.4	96
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1	Relation between fetal arterial PO2 and oxytocin-induced uterine contractions in pregnant sheep. *Canadian Journal of Physiology and Pharmacology*, **1984**, 62, 1337-40	2.4	12