

# Frank Bloomfield

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

162  
papers

3,394  
citations

32  
h-index

51  
g-index

167  
ext. papers

3,910  
ext. citations

3.9  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
162	Nutritional Management of Moderate- and Late-Preterm Infants Commenced on Intravenous Fluids Pending Mother's Own Milk: Cohort Analysis From the DIAMOND Trial.. <i>Frontiers in Pediatrics</i> , <b>2022</b> , 10, 817331	3.4	
161	Adherence to Dietary Guidelines among Women with and without Gestational Diabetes: Evidence from the Growing up in New Zealand Study. <i>Nutrients</i> , <b>2022</b> , 14, 2145	6.7	
160	Effects of maternal periconceptional undernutrition in sheep on offspring glucose-insulin axis function into adulthood. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 12, 714-720	2.4	1
159	Factors Associated With the Microbiome in Moderate-Late Preterm Babies: A Cohort Study From the DIAMOND Randomized Controlled Trial. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 595323	5.9	3
158	Effect of Bias Gas Flow on Tracheal Cytokine Concentrations in Ventilated Extremely Preterm Infants: A Randomized Controlled Trial. <i>Neonatology</i> , <b>2021</b> , 118, 332-339	4	0
157	Metabolic Hormone Profiles in Breast Milk From Mothers of Moderate-Late Preterm Infants Are Associated With Growth From Birth to 4 Months in a Sex-Specific Manner. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 641227	6.2	0
156	Neonatal Refeeding Syndrome and Clinical Outcome in Extremely Low-Birth-Weight Babies: Secondary Cohort Analysis From the ProVIDe Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2021</b> , 45, 65-78	4.2	6
155	Letter to the Editor: Effect on splanchnic oxygenation of breast milk, fortified breast milk and formula milk in preterm infants. <i>Pediatric Research</i> , <b>2021</b> , 89, 4-5	3.2	1
154	Effects of preterm birth induced with or without exogenous glucocorticoids on the ovine glucose-insulin axis. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 12, 58-70	2.4	2
153	A holistic approach to infant growth assessment considers clinical, social and genetic factors rather than an assessment of weight at a set timepoint. <i>Journal of Perinatology</i> , <b>2021</b> , 41, 650-651	3.1	2
152	A Core Outcome Set and minimum reporting set for intervention studies in growth restriction in the NEwbOrN: the COSNEON study. <i>Pediatric Research</i> , <b>2021</b> , 89, 1380-1385	3.2	2
151	Preterm human milk: associations between perinatal factors and hormone concentrations throughout lactation. <i>Pediatric Research</i> , <b>2021</b> , 89, 1461-1469	3.2	2
150	Cortical Oxygenation Changes during Gastric Tube Feeding in Moderate- and Late-Preterm Babies: A NIRS Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
149	Maternal and neonatal glycaemic control after antenatal corticosteroid administration in women with diabetes in pregnancy: A retrospective cohort study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246175	3.7	4
148	Sexually dimorphic changes in the endocrine pancreas and skeletal muscle in young adulthood following intra-amniotic IGF-I treatment of growth-restricted fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 321, E530-E542	6	0
147	Approaches to Growth Faltering. <i>World Review of Nutrition and Dietetics</i> , <b>2021</b> , 122, 312-324	0.2	0
146	New Zealand women's experiences of managing gestational diabetes through diet: a qualitative study. <i>BMC Pregnancy and Childbirth</i> , <b>2021</b> , 21, 819	3.2	2

145	A de novo ACTB gene pathogenic variant in identical twins with phenotypic variation for hydrops and jejunal atresia.. <i>American Journal of Medical Genetics, Part A</i> , <b>2021</b> ,	2.5	
144	Strategies in Neonatal Care to Promote Growth and Neurodevelopment of the Preterm Infant.. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2021</b> , 96, 13-22	1.9	
143	The microbial biogeography of the gastrointestinal tract of preterm and term lambs. <i>Scientific Reports</i> , <b>2020</b> , 10, 9113	4.9	4
142	Relationships between Neonatal Nutrition and Growth to 36 Weeks Corrected Age in ELBW Babies-Secondary Cohort Analysis from the Provide Trial. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	12
141	Effects of intrauterine insulin-like growth factor-1 therapy for fetal growth restriction on adult metabolism and body composition are sex specific. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E568-E578	6	5
140	Patterns of antenatal corticosteroid administration in a cohort of women with diabetes in pregnancy. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229014	3.7	1
139	Dietary Patterns and Dietary Adaptations in Women with and without Gestational Diabetes: Evidence from the Growing Up in New Zealand Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
138	Growth and Clinical Outcome in Very Low-Birth-Weight Infants After the Introduction of a Multicomponent Intravenous Lipid Emulsion. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2020</b> , 44, 1318-1327	4.2	0
137	Plasma ammonia concentrations in extremely low birthweight infants in the first week after birth: secondary analysis from the ProVIDe randomized clinical trial. <i>Pediatric Research</i> , <b>2020</b> , 88, 250-256	3.2	1
136	Health professionals' views of newborn pulse oximetry screening in a midwifery-led maternity setting. "It's a good thing to do, but fund it!". <i>Midwifery</i> , <b>2020</b> , 81, 102593	2.8	0
135	Relationships Between Early Neonatal Nutrition and Neurodevelopment at School Age in Children Born Very Preterm. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 70, 72-78	2.8	8
134	Sex-specific relationships between early nutrition and neurodevelopment in preterm infants. <i>Pediatric Research</i> , <b>2020</b> , 87, 872-878	3.2	9
133	The potential impact of feeding formula-fed infants according to published recommendations. <i>Pediatric Research</i> , <b>2020</b> , 88, 526-528	3.2	2
132	Effects of Neonatal Hyperglycemia on Retinopathy of Prematurity and Visual Outcomes at 7 Years of Age: A Matched Cohort Study. <i>Journal of Pediatrics</i> , <b>2020</b> , 223, 42-50.e2	3.6	1
131	Sex-specific effects of nutritional supplements in infants born early or small: protocol for an individual participant data meta-analysis (ESSENCE IPD-MA). <i>BMJ Open</i> , <b>2020</b> , 10, e033438	3	2
130	Pulse oximetry screening in a midwifery-led maternity setting with high antenatal detection of congenital heart disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2020</b> , 109, 100-108	3.1	2
129	Newborn pulse oximetry screening in the context of a high antenatal detection rate of critical congenital heart disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2020</b> , 109, 93-99	3.1	4
128	Utility of published skinfold thickness equations for prediction of body composition in very young New Zealand children. <i>British Journal of Nutrition</i> , <b>2020</b> , 124, 349-360	3.6	2

127	Olfactory Cues in Infant Feeds: Volatile Profiles of Different Milks Fed to Preterm Infants. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 603090	6.2	1
126	Development of a Core Outcome Set and Minimum Reporting Set for intervention studies in growth restriction in the NEwbOrN (COSNEON): study protocol for a Delphi study. <i>Trials</i> , <b>2019</b> , 20, 511	2.8	1
125	The Influence of Early Nutrition on Brain Growth and Neurodevelopment in Extremely Preterm Babies: A Narrative Review. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	40
124	Feasibility of Standardized Human Milk Collection in Neonatal Care Units. <i>Scientific Reports</i> , <b>2019</b> , 9, 14343	4.3	5
123	Congenital left heart obstruction: ethnic variation in incidence and infant survival. <i>Archives of Disease in Childhood</i> , <b>2019</b> , 104, 857-862	2.2	2
122	Macronutrient Supplements in Preterm and Small-for-Gestational-Age Animals: A Systematic Review and Meta-analysis. <i>Scientific Reports</i> , <b>2019</b> , 9, 14715	4.9	1
121	Prevalence of gestational diabetes according to commonly used data sources: an observational study. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 349	3.2	10
120	Body composition of New Zealand-born term babies differs by ethnicity, gestational age and sex. <i>Early Human Development</i> , <b>2019</b> , 140, 104924	2.2	3
119	Feasibility study assessing equitable delivery of newborn pulse oximetry screening in New Zealand's midwifery-led maternity setting. <i>BMJ Open</i> , <b>2019</b> , 9, e030506	3	1
118	Exposure to the smell and taste of milk to accelerate feeding in preterm infants. <i>The Cochrane Library</i> , <b>2019</b> , 7, CD013038	5.2	6
117	Nutritional management of moderate-late preterm infants: Survey of current practice. <i>Journal of Paediatrics and Child Health</i> , <b>2019</b> , 55, 338-342	1.3	9
116	Reported adherence to current antenatal corticosteroid guidelines in Australia and New Zealand. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2019</b> , 59, 416-421	1.7	5
115	Time to Full Enteral Feeding for Very Low-Birth-Weight Infants Varies Markedly Among Hospitals Worldwide But May Not Be Associated With Incidence of Necrotizing Enterocolitis: The NEOMUNE-NeoNutriNet Cohort Study. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2019</b> , 43, 658-667	4.2	21
114	Nutritional policies for late preterm and early term infants - can we do better?. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2019</b> , 24, 43-47	3.7	7
113	Early-Stage Translational Research in Perinatal Medicine. <i>Neonatology</i> , <b>2019</b> , 115, 182-188	4	1
112	Antenatal Detection of Treatable Critical Congenital Heart Disease Is Associated with Lower Morbidity and Mortality. <i>Journal of Pediatrics</i> , <b>2019</b> , 204, 66-70	3.6	23
111	Relationships Between Early Nutrition and Blood Glucose Concentrations in Very Preterm Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2018</b> , 66, 960-966	2.8	11
110	Consensus Based Definition of Growth Restriction in the Newborn. <i>Journal of Pediatrics</i> , <b>2018</b> , 196, 71-76	6.1	66

109	Factors Affecting Gastrointestinal Microbiome Development in Neonates. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	114
108	The DIAMOND trial - Different Approaches to MOderate & late preterm Nutrition: Determinants of feed tolerance, body composition and development: protocol of a randomised trial. <i>BMC Pediatrics</i> , <b>2018</b> , 18, 220	2.6	18
107	Impact of prematurity for pancreatic islet and beta-cell development. <i>Journal of Endocrinology</i> , <b>2018</b> , 238, R161-R171	4.7	8
106	Postnatal effects of intrauterine treatment of the growth-restricted ovine fetus with intra-amniotic insulin-like growth factor-1. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5925-5945	3.9	13
105	Long-Term Outcomes of Hyperglycemic Preterm Infants Randomized to Tight Glycemic Control. <i>Journal of Pediatrics</i> , <b>2018</b> , 193, 68-75.e1	3.6	13
104	Consumer Satisfaction with Newborn Pulse Oximetry Screening in a Midwifery-Led Maternity Setting. <i>International Journal of Neonatal Screening</i> , <b>2018</b> , 4, 38	2.6	2
103	Core Outcome Set for GROwth restriction: deVelooping Endpoints (COSGROVE). <i>Trials</i> , <b>2018</b> , 19, 451	2.8	7
102	Exposure to the smell and taste of milk to accelerate feeding in preterm infants. <i>The Cochrane Library</i> , <b>2018</b> ,	5.2	1
101	Adaptation for life after birth: a review of neonatal physiology. <i>Anaesthesia and Intensive Care Medicine</i> , <b>2017</b> , 18, 59-67	0.3	10
100	Dietetic management of gestational diabetes in New Zealand: A cross-sectional survey. <i>Nutrition and Dietetics</i> , <b>2017</b> , 74, 95-104	2.5	5
99	Computer-determined dosage of insulin in the management of neonatal hyperglycaemia (HINT2): protocol of a randomised controlled trial. <i>BMJ Open</i> , <b>2017</b> , 7, e012982	3	3
98	Advances in nutrition of the newborn infant. <i>Lancet, The</i> , <b>2017</b> , 389, 1660-1668	40	75
97	Smell and Taste to Improve Nutrition in Very Preterm Infants: A Randomized Controlled Pilot Trial. <i>Neonatology</i> , <b>2017</b> , 111, 260-266	4	21
96	Smell and taste in the preterm infant. <i>Early Human Development</i> , <b>2017</b> , 114, 31-34	2.2	16
95	Relationship between Measures of Neonatal Glycemia, Neonatal Illness, and 2-Year Outcomes in Very Preterm Infants. <i>Journal of Pediatrics</i> , <b>2017</b> , 188, 115-121	3.6	20
94	Twin Conception in Sheep Leads to Impaired Insulin Sensitivity and Sexually Dimorphic Adipose Tissue and Skeletal Muscle Phenotypes in Adulthood. <i>Reproductive Sciences</i> , <b>2017</b> , 24, 865-881	3	5
93	Brief neonatal nutritional supplementation has sex-specific effects on glucose tolerance and insulin regulating genes in juvenile lambs. <i>Pediatric Research</i> , <b>2016</b> , 80, 861-869	3.2	7
92	Maternal Administration of Sildenafil Citrate Alters Fetal and Placental Growth and Fetal-Placental Vascular Resistance in the Growth-Restricted Ovine Fetus. <i>Hypertension</i> , <b>2016</b> , 68, 760-7	8.5	35

91	Comparing apples with apples: it is time for standardized reporting of neonatal nutrition and growth studies. <i>Pediatric Research</i> , <b>2016</b> , 79, 810-20	3.2	72
90	Unravelling the Link Between the Placental Epigenome and Pregnancy Outcomes. <i>Biology of Reproduction</i> , <b>2016</b> , 94, 82	3.9	2
89	Intrauterine Intervention for the Treatment of Fetal Growth Restriction. <i>Current Pediatric Reviews</i> , <b>2016</b> , 12, 168-178	2.8	5
88	Neonatal milk supplementation in lambs has persistent effects on growth and metabolic function that differ by sex and gestational age. <i>British Journal of Nutrition</i> , <b>2016</b> , 116, 1912-1925	3.6	14
87	Do recommended protein intakes improve neurodevelopment in extremely preterm babies?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2015</b> , 100, F243-7	4.7	25
86	The ProVIDe study: the impact of protein intravenous nutrition on development in extremely low birthweight babies. <i>BMC Pediatrics</i> , <b>2015</b> , 15, 100	2.6	12
85	Glucocorticoid-Induced Preterm Birth and Neonatal Hyperglycemia Alter Ovine ECell Development. <i>Endocrinology</i> , <b>2015</b> , 156, 3763-76	4.8	20
84	The challenges of research participation by children. <i>Pediatric Research</i> , <b>2015</b> , 78, 109-10	3.2	1
83	Maternal insulin sensitivity in midpregnancy does not determine birth weight after embryo transfer between large and small breed sheep. <i>Domestic Animal Endocrinology</i> , <b>2015</b> , 50, 50-4	2.3	
82	Early Nutrition for Preterm Babies. <i>Nutrition Today</i> , <b>2015</b> , 50, 230-239	1.6	1
81	The importance of early life in childhood obesity and related diseases: a report from the 2014 Gravida Strategic Summit. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2014</b> , 5, 398-407	2.4	7
80	The Role of the Placenta in Fetal Programming. <i>Research and Perspectives in Endocrine Interactions</i> , <b>2014</b> , 57-69		
79	Maternal undernutrition programs tissue-specific epigenetic changes in the glucocorticoid receptor in adult offspring. <i>Endocrinology</i> , <b>2013</b> , 154, 4560-9	4.8	56
78	Antenatal corticosteroid exposure at term increases adult adiposity: an experimental study in sheep. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2013</b> , 92, 862-5	3.8	13
77	Fetal growth factors and fetal nutrition. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2013</b> , 18, 118-123	3.7	22
76	Severe hyperemesis gravidarum is associated with reduced insulin sensitivity in the offspring in childhood. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 3263-8	5.6	30
75	Whole animal experiments should be more like human randomized controlled trials. <i>PLoS Biology</i> , <b>2013</b> , 11, e1001481	9.7	57
74	Periconceptional undernutrition in sheep leads to decreased locomotor activity in a natural environment. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2013</b> , 4, 296-9	2.4	24

73	Increased protein intake decreases postnatal growth faltering in ELBW babies. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2013</b> , 98, F399-404	4.7	54
72	Optimum feeding and growth in preterm neonates. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2013</b> , 4, 215-22	2.4	6
71	Nutritional regulation of fetal growth. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2013</b> , 74, 79-89	1.9	8
70	Neonatal hyperglycaemia increases mortality and morbidity in preterm lambs. <i>Neonatology</i> , <b>2013</b> , 103, 83-90	4	17
69	Unpredictable feeding impairs glucose tolerance in growing lambs. <i>PLoS ONE</i> , <b>2013</b> , 8, e61040	3.7	4
68	Preterm birth has sex-specific effects on autonomic modulation of heart rate variability in adult sheep. <i>PLoS ONE</i> , <b>2013</b> , 8, e85468	3.7	7
67	Growth monitoring of low birthweight infants: what references to use?. <i>Journal of Paediatrics and Child Health</i> , <b>2012</b> , 48, 759-67	1.3	8
66	Epigenetic changes in fetal hypothalamic energy regulating pathways are associated with maternal undernutrition and twinning. <i>FASEB Journal</i> , <b>2012</b> , 26, 1694-703	0.9	95
65	Size at birth and adult fat mass in twin sheep are determined in early gestation. <i>Journal of Physiology</i> , <b>2012</b> , 590, 1273-85	3.9	25
64	Effects of periconceptual undernutrition on maternal taurine concentrations in sheep. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 466-72	3.6	8
63	Tight glycemic control with insulin in hyperglycemic preterm babies: a randomized controlled trial. <i>Pediatrics</i> , <b>2012</b> , 129, 639-47	7.4	73
62	Periconceptual undernutrition in sheep affects adult phenotype only in males. <i>Journal of Nutrition and Metabolism</i> , <b>2012</b> , 2012, 123610	2.7	29
61	Periconceptual undernutrition suppresses cortisol response to arginine vasopressin and corticotropin-releasing hormone challenge in adult sheep offspring. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2012</b> , 3, 52-8	2.4	16
60	Weekly intra-amniotic IGF-1 treatment increases growth of growth-restricted ovine fetuses and up-regulates placental amino acid transporters. <i>PLoS ONE</i> , <b>2012</b> , 7, e37899	3.7	34
59	High bias gas flows increase lung injury in the ventilated preterm lamb. <i>PLoS ONE</i> , <b>2012</b> , 7, e47044	3.7	14
58	Pregnancy and neonatal outcomes following hyperemesis gravidarum. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2011</b> , 2, 81-8	2.4	6
57	Does more protein in the first week of life change outcomes for very low birthweight babies?. <i>Journal of Paediatrics and Child Health</i> , <b>2011</b> , 47, 898-903	1.3	36
56	How is maternal nutrition related to preterm birth?. <i>Annual Review of Nutrition</i> , <b>2011</b> , 31, 235-61	9.9	55

55	Epigenetic modifications may play a role in the developmental consequences of early life events. <i>Journal of Neurodevelopmental Disorders</i> , <b>2011</b> , 3, 348-55	4.6	24
54	Periconceptual events perturb postnatal growth regulation in sheep. <i>Pediatric Research</i> , <b>2011</b> , 70, 261-62	3.62	19
53	Are twins growth restricted?. <i>Pediatric Research</i> , <b>2011</b> , 70, 117-22	3.2	47
52	Animal studies of the effects of early nutrition on long-term health. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2011</b> , 68, 1-11; discussion 11-6	1.9	8
51	Epigenetic changes in the hypothalamic proopiomelanocortin and glucocorticoid receptor genes in the ovine fetus after periconceptual undernutrition. <i>Endocrinology</i> , <b>2010</b> , 151, 3652-64	4.8	139
50	Maternal undernutrition and endocrine development. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2010</b> , 5, 297-312	4.1	10
49	Differential regulation of igf1 and igf1r mRNA levels in the two hepatic lobes following intrauterine growth restriction and its treatment with intra-amniotic insulin-like growth factor-1 in ovine fetuses. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 1188-97	1.8	9
48	Effects of sex, litter size and periconceptual ewe nutrition on offspring behavioural and physiological response to isolation. <i>Physiology and Behavior</i> , <b>2010</b> , 101, 588-94	3.5	58
47	Do alterations in placental 11beta-hydroxysteroid dehydrogenase (11betaHSD) activities explain differences in fetal hypothalamic-pituitary-adrenal (HPA) function following periconceptual undernutrition or twinning in sheep?. <i>Reproductive Sciences</i> , <b>2009</b> , 16, 1201-12	3	21
46	Effect of periconceptual undernutrition in sheep on late gestation expression of mRNA and protein from genes involved in fetal adrenal steroidogenesis and placental prostaglandin production. <i>Reproductive Sciences</i> , <b>2009</b> , 16, 573-83	3	11
45	Undernutrition before mating in ewes impairs the development of insulin resistance during pregnancy. <i>Obstetrics and Gynecology</i> , <b>2009</b> , 114, 869-876	4.9	19
44	Periconceptual undernutrition of ewes impairs glucose tolerance in their adult offspring. <i>Pediatric Research</i> , <b>2009</b> , 65, 409-13	3.2	96
43	Different periods of periconceptual undernutrition have different effects on growth, metabolic and endocrine status in fetal sheep. <i>Pediatric Research</i> , <b>2009</b> , 66, 605-13	3.2	33
42	Ventilator gas flow rates affect inspiratory time and ventilator efficiency index in term lambs. <i>Neonatology</i> , <b>2009</b> , 96, 259-64	4	6
41	Effects of sex, litter size and periconceptual ewe nutrition on the ewe lamb bond. <i>Applied Animal Behaviour Science</i> , <b>2009</b> , 120, 76-83	2.2	26
40	Effects of litter size, sex and periconceptual ewe nutrition on side preference and cognitive flexibility in the offspring. <i>Behavioural Brain Research</i> , <b>2009</b> , 204, 82-7	3.4	29
39	Effects of twin pregnancy and periconceptual undernutrition on maternal metabolism, fetal growth and glucose-insulin axis function in ovine pregnancy. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1399-411	3.9	56
38	A method for assessment of blood volume parameters in pregnant sheep using fluorescein-labelled dextran. <i>Placenta</i> , <b>2008</b> , 29, 15-9	3.4	6



37	Cardiovascular adaptations to pregnancy in sheep and effects of periconceptual undernutrition. <i>Placenta</i> , <b>2008</b> , 29, 89-94	3.4	16
36	Isolated absence of the Moro reflex in a baby with CHARGE syndrome could reflect vestibular abnormalities. <i>Journal of Child Neurology</i> , <b>2008</b> , 23, 561-3	2.5	2
35	Effects of twinning and periconceptual undernutrition on late-gestation hypothalamic-pituitary-adrenal axis function in ovine pregnancy. <i>Endocrinology</i> , <b>2008</b> , 149, 1163-72	4.8	33
34	Treatment of intrauterine growth restriction with maternal growth hormone supplementation in sheep. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 199, 559.e1-9	6.4	15
33	Effects of twinning, birth size, and postnatal growth on glucose tolerance and hypothalamic-pituitary-adrenal function in postpubertal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E231-7	6	25
32	Survey of the management of neonatal hyperglycaemia in Australasia. <i>Journal of Paediatrics and Child Health</i> , <b>2007</b> , 43, 632-5	1.3	41
31	Fetal and amniotic insulin-like growth factor-I supplements improve growth rate in intrauterine growth restriction fetal sheep. <i>Endocrinology</i> , <b>2007</b> , 148, 2963-72	4.8	53
30	C-type natriuretic peptide forms in the ovine fetal and maternal circulations: evidence for independent regulation and reciprocal response to undernutrition. <i>Endocrinology</i> , <b>2007</b> , 148, 4015-22	4.8	15
29	The effects of maternal nutrition around the time of conception on the health of the offspring. <i>Reproduction in Domestic Ruminants</i> , <b>2007</b> , 64, 397-410		19
28	Effect of pulsatile growth hormone administration to the growth-restricted fetal sheep on somatotrophic axis gene expression in fetal and placental tissues. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E333-9	6	10
27	The late effects of fetal growth patterns. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2006</b> , 91, F299-304	4.7	43
26	Evidence for fetal glucocorticoid excess as a cause of adult cardiovascular disease. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2006</b> , 13, 523-529		2
25	Audit of feeding practices in babies. <i>Journal of Paediatrics and Child Health</i> , <b>2006</b> , 42, 458-63	1.3	25
24	Fetal exposure to excess glucocorticoid is unlikely to explain the effects of periconceptual undernutrition in sheep. <i>Journal of Physiology</i> , <b>2006</b> , 572, 109-18	3.9	43
23	Variable interpretation of ultrasonograms may contribute to variation in the reported incidence of white matter damage between newborn intensive care units in New Zealand. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2006</b> , 91, F11-6	4.7	20
22	Fetal signals and parturition. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2005</b> , 31, 492-9		59
21	Effects of periconceptual undernutrition on the initiation of parturition in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R67-72	3.2	33
20	Amniotic IGF-I supplementation of growth-restricted fetal sheep alters IGF-I and IGF receptor type 1 mRNA and protein levels in placental and fetal tissues. <i>Journal of Endocrinology</i> , <b>2005</b> , 186, 145-55	4.7	18

19	Does variation in interpretation of ultrasonograms account for the variation in incidence of germinal matrix/intraventricular haemorrhage between newborn intensive care units in New Zealand?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2005</b> , 90, F494-9	4.7	16
18	Maternal nutrition and later disease risk <b>2005</b> , 17-27		
17	Periconceptual undernutrition in sheep accelerates maturation of the fetal hypothalamic-pituitary-adrenal axis in late gestation. <i>Endocrinology</i> , <b>2004</b> , 145, 4278-85	4.8	135
16	A periconceptual nutritional origin for noninfectious preterm birth. <i>Science</i> , <b>2003</b> , 300, 606	33.3	205
15	Brief undernutrition in late-gestation sheep programs the hypothalamic-pituitary-adrenal axis in adult offspring. <i>Endocrinology</i> , <b>2003</b> , 144, 2933-40	4.8	133
14	Chronic pulsatile infusion of growth hormone to growth-restricted fetal sheep increases circulating fetal insulin-like growth factor-I levels but not fetal growth. <i>Journal of Endocrinology</i> , <b>2003</b> , 177, 83-92	4.7	27
13	Amniotic IGF-I supplements improve gut growth but reduce circulating IGF-I in growth-restricted fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E259-69	6	24
12	Effects of intrauterine growth restriction and intraamniotic insulin-like growth factor-I treatment on blood and amniotic fluid concentrations and on fetal gut uptake of amino acids in late-gestation ovine fetuses. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2002</b> , 35, 287-97	2.8	25
11	Fate of (125)I-IGF-I administered into the amniotic fluid of late-gestation fetal sheep. <i>Pediatric Research</i> , <b>2002</b> , 51, 361-9	3.2	18
10	Follow up of a randomised trial of two different courses of dexamethasone for preterm babies at risk of chronic lung disease. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2002</b> , 86, F102-7	4.7	19
9	A chronic low dose infusion of insulin-like growth factor I alters placental function but does not affect fetal growth. <i>Reproduction, Fertility and Development</i> , <b>2002</b> , 14, 393-400	1.8	20
8	Growth restriction in dexamethasone-treated preterm infants may be mediated by reduced IGF-I and IGFBP-3 plasma concentrations. <i>Clinical Endocrinology</i> , <b>2001</b> , 54, 235-42	3.4	19
7	Early chest radiographs in very low birth weight babies receiving corticosteroids for lung disease. <i>Pediatric Pulmonology</i> , <b>2001</b> , 31, 297-300	3.5	2
6	Inter- and intra-observer variability in the assessment of atelectasis and consolidation in neonatal chest radiographs. <i>Pediatric Radiology</i> , <b>1999</b> , 29, 459-62	2.8	27
5	The maternal, fetal and postnatal somatotrophic axes in intrauterine growth retardation. <i>Biochemical Society Transactions</i> , <b>1999</b> , 27, 69-73	5.1	16
4	The role of neonatal chest physiotherapy in preventing postextubation atelectasis. <i>Journal of Pediatrics</i> , <b>1998</b> , 133, 269-71	3.6	33
3	Side effects of 2 different dexamethasone courses for preterm infants at risk of chronic lung disease: a randomized trial. <i>Journal of Pediatrics</i> , <b>1998</b> , 133, 395-400	3.6	43
2	Lymphatic dysplasia in a neonate with Noonan's syndrome. <i>Pediatric Radiology</i> , <b>1997</b> , 27, 321-3	2.8	17

1 Fetal nutrition1-22

3