

Abigail Fowden

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.

239
papers

12,207
citations

56
h-index

100
g-index

244
ext. papers

13,507
ext. citations

4.1
avg. IF

6.54
L-index

#	Paper	IF	Citations
239	Diet-induced maternal obesity impacts fetoplacental growth and induces sex-specific alterations in placental morphology, mitochondrial bioenergetics, dynamics, lipid metabolism and oxidative stress in mice.. <i>Acta Physiologica</i> , 2022 , e13795	5.6	3
238	Endocrine regulation of fetal metabolism towards term. <i>Domestic Animal Endocrinology</i> , 2022 , 78, 1066573	5.3	1
237	Metabolic Consequences of Glucocorticoid Exposure before Birth. <i>Nutrients</i> , 2022 , 14, 2304	6.7	0
236	Cortisol Regulates Cerebral Mitochondrial Oxidative Phosphorylation and Morphology of the Brain in a Region-Specific Manner in the Ovine Fetus. <i>Biomolecules</i> , 2022 , 12, 768	5.9	0
235	The imprinted Igf2-Igf2r axis is critical for matching placental microvasculature expansion to fetal growth.. <i>Developmental Cell</i> , 2021 ,	10.2	3
234	Effects of Maternal Obesity On Placental Phenotype. <i>Current Vascular Pharmacology</i> , 2021 , 19, 113-131	3.3	10
233	Pancreas deficiency modifies bone development in the ovine fetus near term. <i>Journal of Endocrinology</i> , 2021 , 252, 71-80	4.7	1
232	Development of cerebral mitochondrial respiratory function is impaired by thyroid hormone deficiency before birth in a region-specific manner. <i>FASEB Journal</i> , 2021 , 35, e21591	0.9	6
231	Neonatal glucocorticoid overexposure alters cardiovascular function in young adult horses in a sex-linked manner. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 12, 309-318	2.4	0
230	Thyroid Hormone Deficiency Suppresses Fetal Pituitary-Adrenal Function Near Term: Implications for the Control of Fetal Maturation and Parturition. <i>Thyroid</i> , 2021 , 31, 861-869	6.2	4
229	Developing ovine mammary terminal duct lobular units have a dynamic mucosal and stromal immune microenvironment. <i>Communications Biology</i> , 2021 , 4, 993	6.7	1
228	Glucocorticoid maturation of mitochondrial respiratory capacity in skeletal muscle before birth. <i>Journal of Endocrinology</i> , 2021 , 251, 53-68	4.7	2
227	Thyroid Deficiency Before Birth Alters the Adipose Transcriptome to Promote Overgrowth of White Adipose Tissue and Impair Thermogenic Capacity. <i>Thyroid</i> , 2020 , 30, 794-805	6.2	6
226	Development and thyroid hormone dependence of skeletal muscle mitochondrial function towards birth. <i>Journal of Physiology</i> , 2020 , 598, 2453-2468	3.9	13
225	Glucocorticoid Maturation of Fetal Cardiovascular Function. <i>Trends in Molecular Medicine</i> , 2020 , 26, 170-184	18.5	12
224	Physiological development of the equine fetus during late gestation. <i>Equine Veterinary Journal</i> , 2020 , 52, 165-173	2.4	8
223	Size of supernumerary teats in sheep correlates with complexity of the anatomy and microenvironment. <i>Journal of Anatomy</i> , 2020 , 236, 954-962	2.9	8

222	Exercise alters the molecular pathways of insulin signaling and lipid handling in maternal tissues of obese pregnant mice. <i>Physiological Reports</i> , 2019 , 7, e14202	2.6	9
221	Placental mitochondria adapt developmentally and in response to hypoxia to support fetal growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1621-1626	11.5	47
220	Formation and Growth of the Fetus 2018 , 370-379		
219	Ovine uteroplacental and fetal metabolism during and after fetal cortisol overexposure in late gestation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R791-R801	3.2	7
218	Sex- and bone-specific responses in bone structure to exogenous leptin and leptin receptor antagonism in the ovine fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R781-R790	3.2	4
217	Effects of maternal dexamethasone treatment on pancreatic β cell function in the pregnant mare and post natal foal. <i>Equine Veterinary Journal</i> , 2017 , 49, 99-106	2.4	7
216	Hypothyroidism in utero stimulates pancreatic beta cell proliferation and hyperinsulinaemia in the ovine fetus during late gestation. <i>Journal of Physiology</i> , 2017 , 595, 3331-3343	3.9	20
215	Effects of stress during pregnancy on hepatic glucogenic capacity in rat dams and their fetuses. <i>Physiological Reports</i> , 2017 , 5, e13293	2.6	7
214	Placental phenotype and the insulin-like growth factors: resource allocation to fetal growth. <i>Journal of Physiology</i> , 2017 , 595, 5057-5093	3.9	65
213	A Western-style obesogenic diet alters maternal metabolic physiology with consequences for fetal nutrient acquisition in mice. <i>Journal of Physiology</i> , 2017 , 595, 4875-4892	3.9	39
212	Exercise rescues obese mothers' insulin sensitivity, placental hypoxia and male offspring insulin sensitivity. <i>Scientific Reports</i> , 2017 , 7, 44650	4.9	62
211	Effects of birth weight, sex and neonatal glucocorticoid overexposure on glucose-insulin dynamics in young adult horses. <i>Journal of Developmental Origins of Health and Disease</i> , 2017 , 8, 206-215	2.4	4
210	Maternal and fetal genomes interplay through phosphoinositol 3-kinase(PI3K)-p110 signaling to modify placental resource allocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11255-11260	11.5	38
209	Placental metabolism: substrate requirements and the response to stress. <i>Reproduction in Domestic Animals</i> , 2016 , 51 Suppl 2, 25-35	1.6	33
208	Hypoxia, AMPK activation and uterine artery vasoreactivity. <i>Journal of Physiology</i> , 2016 , 594, 1357-69	3.9	42
207	Placental phenotype and resource allocation to fetal growth are modified by the timing and degree of hypoxia during mouse pregnancy. <i>Journal of Physiology</i> , 2016 , 594, 1341-56	3.9	53
206	Proximity to Delivery Alters Insulin Sensitivity and Glucose Metabolism in Pregnant Mice. <i>Diabetes</i> , 2016 , 65, 851-60	0.9	22
205	The Residual Innate Lymphoid Cells in NFIL3-Deficient Mice Support Suboptimal Maternal Adaptations to Pregnancy. <i>Frontiers in Immunology</i> , 2016 , 7, 43	8.4	44

204	A physiological increase in maternal cortisol alters uteroplacental metabolism in the pregnant ewe. <i>Journal of Physiology</i> , 2016 , 594, 6407-6418	3.9	23
203	Glucocorticoid programming of intrauterine development. <i>Domestic Animal Endocrinology</i> , 2016 , 56 Suppl, S121-32	2.3	49
202	Leptin Matures Aspects of Lung Structure and Function in the Ovine Fetus. <i>Endocrinology</i> , 2016 , 157, 395-404	4.8	18
201	Placental Origins of Chronic Disease. <i>Physiological Reviews</i> , 2016 , 96, 1509-65	47.9	310
200	The placenta: a multifaceted, transient organ. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20140066	5.8	244
199	Maternal Dexamethasone Treatment Alters Tissue and Circulating Components of the Renin-Angiotensin System in the Pregnant Ewe and Fetus. <i>Endocrinology</i> , 2015 , 156, 3038-46	4.8	10
198	Review: Endocrine regulation of placental phenotype. <i>Placenta</i> , 2015 , 36 Suppl 1, S50-9	3.4	55
197	Neonatal glucocorticoid overexposure programs pituitary-adrenal function in ponies. <i>Domestic Animal Endocrinology</i> , 2015 , 50, 45-9	2.3	11
196	Dexamethasone treatment of pregnant F0 mice leads to parent of origin-specific changes in placental function of the F2 generation. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 704-11	1.8	11
195	Glucocorticoids as regulatory signals during intrauterine development. <i>Experimental Physiology</i> , 2015 , 100, 1477-87	2.4	66
194	HORSE SPECIES SYMPOSIUM: Glucocorticoid programming of hypothalamic-pituitary-adrenal axis and metabolic function: Animal studies from mouse to horse. <i>Journal of Animal Science</i> , 2015 , 93, 3245-60	6.7	15
193	Developmental Expression and Glucocorticoid Control of the Leptin Receptor in Fetal Ovine Lung. <i>PLoS ONE</i> , 2015 , 10, e0136115	3.7	6
192	Corticosterone alters materno-fetal glucose partitioning and insulin signalling in pregnant mice. <i>Journal of Physiology</i> , 2015 , 593, 1307-21	3.9	35
191	Thyroid hormones in fetal growth and prepartum maturation. <i>Journal of Endocrinology</i> , 2014 , 221, R87-R103	4.7	232
190	Oxidative stress and altered lipid homeostasis in the programming of offspring fatty liver by maternal obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R26-34	3.2	85
189	Sex-associated differences in pancreatic β cell function in healthy preweaning pony foals. <i>Equine Veterinary Journal</i> , 2014 , 46, 722-8	2.4	6
188	Antenatal glucocorticoids prior to cesarean delivery at term. <i>JAMA Pediatrics</i> , 2014 , 168, 507-8	8.3	18
187	Nutritional Programming of Intrauterine Development: A Concept Applicable to the Horse?. <i>Journal of Equine Veterinary Science</i> , 2013 , 33, 295-304	1.2	13

186	An obesogenic diet during mouse pregnancy modifies maternal nutrient partitioning and the fetal growth trajectory. <i>FASEB Journal</i> , 2013 , 27, 3928-37	0.9	100
185	Endocrine interactions in the control of fetal growth. <i>Nestle Nutrition Institute Workshop Series</i> , 2013 , 74, 91-102	1.9	17
184	Hormonal and nutritional drivers of intrauterine growth. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 298-309	3.8	50
183	Adaptations in placental phenotype depend on route and timing of maternal dexamethasone administration in mice. <i>Biology of Reproduction</i> , 2013 , 89, 80	3.9	20
182	Glucocorticoid overexposure in neonatal life alters pancreatic beta-cell function in newborn foals. <i>Journal of Animal Science</i> , 2013 , 91, 104-10	0.7	17
181	Review: The placenta and developmental programming: balancing fetal nutrient demands with maternal resource allocation. <i>Placenta</i> , 2012 , 33 Suppl, S23-7	3.4	109
180	Hypoxaemia-induced catecholamine secretion from adrenal chromaffin cells inhibits glucose-stimulated hyperinsulinaemia in fetal sheep. <i>Journal of Physiology</i> , 2012 , 590, 5439-47	3.9	33
179	Pancreatic endocrine function in newborn pony foals after induced or spontaneous delivery at term. <i>Equine Veterinary Journal</i> , 2012 , 44, 30-7	2.4	18
178	Hypothalamic-pituitary-adrenal axis function in pony foals after neonatal ACTH-induced glucocorticoid overexposure. <i>Equine Veterinary Journal</i> , 2012 , 44, 38-42	2.4	14
177	Endocrine adaptations in the foal over the perinatal period. <i>Equine Veterinary Journal</i> , 2012 , 44, 130-9	2.4	31
176	Prostaglandins and the regulation of parturition in mares. <i>Equine Veterinary Journal</i> , 2012 , 44, 140-8	2.4	11
175	Maternal-fetal resource allocation: co-operation and conflict. <i>Placenta</i> , 2012 , 33 Suppl 2, e11-5	3.4	63
174	Maternal corticosterone regulates nutrient allocation to fetal growth in mice. <i>Journal of Physiology</i> , 2012 , 590, 5529-40	3.9	60
173	Effects of cortisol and dexamethasone on insulin signalling pathways in skeletal muscle of the ovine fetus during late gestation. <i>PLoS ONE</i> , 2012 , 7, e52363	3.7	22
172	Insulin deficiency alters the metabolic and endocrine responses to undernutrition in fetal sheep near term. <i>Endocrinology</i> , 2012 , 153, 4008-18	4.8	8
171	Thyroid hormone drives fetal cardiomyocyte maturation. <i>FASEB Journal</i> , 2012 , 26, 397-408	0.9	111
170	Dynamics of activities of matrix metalloproteinases-9 and -2, and the tissue inhibitors of MMPs in fetal fluid compartments during gestation and at parturition in the mare. <i>Theriogenology</i> , 2011 , 75, 1130-8	2.8	7
169	Dietary composition programmes placental phenotype in mice. <i>Journal of Physiology</i> , 2011 , 589, 3659-70	3.9	49

168	Imprinted genes and the epigenetic regulation of placental phenotype. <i>Progress in Biophysics and Molecular Biology</i> , 2011 , 106, 281-8	4.7	95
167	Renal growth retardation following angiotensin II type 1 (AT ₁) receptor antagonism is associated with increased AT ₁ receptor protein in fetal sheep. <i>Journal of Endocrinology</i> , 2011 , 208, 137-45	4.7	8
166	Placental-specific Igf2 deficiency alters developmental adaptations to undernutrition in mice. <i>Endocrinology</i> , 2011 , 152, 3202-12	4.8	85
165	Effects of hypothyroidism on the structure and mechanical properties of bone in the ovine fetus. <i>Journal of Endocrinology</i> , 2011 , 210, 189-98	4.7	16
164	Developmental adaptations to increased fetal nutrient demand in mouse genetic models of Igf2-mediated overgrowth. <i>FASEB Journal</i> , 2011 , 25, 1737-45	0.9	56
163	Adrenal glands are essential for activation of gluconeogenesis during undernutrition in fetal sheep near term. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E94-102	6	23
162	Environmental regulation of placental phenotype: implications for fetal growth. <i>Reproduction, Fertility and Development</i> , 2011 , 24, 80-96	1.8	43
161	Adaptations in placental phenotype support fetal growth during undernutrition of pregnant mice. <i>Journal of Physiology</i> , 2010 , 588, 527-38	3.9	149
160	Differential effects of prenatal stress and glucocorticoid administration on postnatal growth and glucose metabolism in rats. <i>Journal of Endocrinology</i> , 2010 , 204, 319-29	4.7	37
159	Developmental programming of the ovine placenta. <i>Society of Reproduction and Fertility Supplement</i> , 2010 , 67, 41-57		3
158	Hormones as epigenetic signals in developmental programming. <i>Experimental Physiology</i> , 2009 , 94, 607-25		92
157	Role of thyroid hormones in the developmental control of tissue glycogen in fetal sheep near term. <i>Experimental Physiology</i> , 2009 , 94, 1079-87	2.4	18
156	The hungry fetus? Role of leptin as a nutritional signal before birth. <i>Journal of Physiology</i> , 2009 , 587, 1145-52	3.9	81
155	Placental efficiency and adaptation: endocrine regulation. <i>Journal of Physiology</i> , 2009 , 587, 3459-72	3.9	193
154	Effects of maternal dietary manipulation during different periods of pregnancy on hepatic glucogenic capacity in fetal and pregnant rats near term. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009 , 19, 555-62	4.5	16
153	Endocrine regulation of feto-placental growth. <i>Hormone Research</i> , 2009 , 72, 257-65		106
152	Role of leptin in the regulation of growth and carbohydrate metabolism in the ovine fetus during late gestation. <i>Journal of Physiology</i> , 2008 , 586, 2393-403	3.9	35
151	Adaptations in placental nutrient transfer capacity to meet fetal growth demands depend on placental size in mice. <i>Journal of Physiology</i> , 2008 , 586, 4567-76	3.9	135

150	Disproportional effects of Igf2 knockout on placental morphology and diffusional exchange characteristics in the mouse. <i>Journal of Physiology</i> , 2008 , 586, 5023-32	3.9	73
149	The placenta and intrauterine programming. <i>Journal of Neuroendocrinology</i> , 2008 , 20, 439-50	3.8	194
148	The Endocrinology of equine parturition. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2008 , 116, 393-403	2.3	47
147	Localization and control of expression of VEGF-A and the VEGFR-2 receptor in fetal sheep intestines. <i>Pediatric Research</i> , 2008 , 63, 143-8	3.2	18
146	The effects of maternal health and body condition on the endocrine responses of neonatal foals. <i>Equine Veterinary Journal</i> , 2008 , 40, 673-9	2.4	29
145	Restriction of placental growth in sheep impairs insulin secretion but not sensitivity before birth. <i>Journal of Physiology</i> , 2007 , 584, 935-49	3.9	47
144	Effects of dexamethasone on the glucogenic capacity of fetal, pregnant, and non-pregnant adult sheep. <i>Journal of Endocrinology</i> , 2007 , 192, 67-73	4.7	46
143	Effects of pituitary hormone deficiency on growth and glucose metabolism of the sheep fetus. <i>Endocrinology</i> , 2007 , 148, 4812-20	4.8	6
142	Differential effects of maternal dexamethasone treatment on circulating thyroid hormone concentrations and tissue deiodinase activity in the pregnant ewe and fetus. <i>Endocrinology</i> , 2007 , 148, 800-5	4.8	29
141	Developmental control of plasma leptin and adipose leptin messenger ribonucleic acid in the ovine fetus during late gestation: role of glucocorticoids and thyroid hormones. <i>Endocrinology</i> , 2007 , 148, 3750-7	4.8	35
140	Nutrient transfer across the equine placenta: correlation of structure and function. <i>Equine Veterinary Journal</i> , 2006 , 38, 175-83	2.4	10
139	Developmental control of iodothyronine deiodinases by cortisol in the ovine fetus and placenta near term. <i>Endocrinology</i> , 2006 , 147, 5988-94	4.8	58
138	Development of the ovine fetal cardiovascular defense to hypoxemia towards full term. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H3023-34	5.2	80
137	Functional significance and cortisol dependence of the gross morphology of ovine placentomes during late gestation. <i>Biology of Reproduction</i> , 2006 , 74, 137-45	3.9	36
136	Intrauterine programming of physiological systems: causes and consequences. <i>Physiology</i> , 2006 , 21, 29-37	3.8	311
135	Imprinted genes, placental development and fetal growth. <i>Hormone Research in Paediatrics</i> , 2006 , 65 Suppl 3, 50-8	3.3	155
134	Programming placental nutrient transport capacity. <i>Journal of Physiology</i> , 2006 , 572, 5-15	3.9	217
133	Development of baroreflex function and hind limb vascular reactivity in the horse fetus. <i>Journal of Physiology</i> , 2006 , 572, 155-64	3.9	15

132	Progesterone profiles during the last trimester of gestation in Thoroughbred mares with normal or compromised pregnancies. <i>Theriogenology</i> , 2005 , 63, 1844-56	2.8	41
131	Effects of gestational age and cortisol treatment on ovine fetal heart function in a novel biventricular Langendorff preparation. <i>Journal of Physiology</i> , 2005 , 562, 493-505	3.9	14
130	Development of cardiovascular function in the horse fetus. <i>Journal of Physiology</i> , 2005 , 565, 1019-30	3.9	27
129	Fetal cardiovascular, metabolic and endocrine responses to acute hypoxaemia during and following maternal treatment with dexamethasone in sheep. <i>Journal of Physiology</i> , 2005 , 567, 673-88	3.9	48
128	Increased uncoupling protein-2 mRNA abundance and glucocorticoid action in adipose tissue in the sheep fetus during late gestation is dependent on plasma cortisol and triiodothyronine. <i>Journal of Physiology</i> , 2005 , 567, 283-92	3.9	12
127	Endocrine and metabolic programming during intrauterine development. <i>Early Human Development</i> , 2005 , 81, 723-34	2.2	149
126	Localisation of glucose transport in the ruminant placenta: implications for sequential use of transporter isoforms. <i>Placenta</i> , 2005 , 26, 626-40	3.4	41
125	Development of baroreflex and endocrine responses to hypotensive stress in newborn foals and lambs. <i>Pflugers Archiv European Journal of Physiology</i> , 2005 , 450, 298-306	4.6	25
124	Adaptation of nutrient supply to fetal demand in the mouse involves interaction between the Igf2 gene and placental transporter systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 19219-24	11.5	273
123	Maturation of pancreatic beta-cell function in the fetal horse during late gestation. <i>Journal of Endocrinology</i> , 2005 , 186, 467-73	4.7	26
122	Effects of manipulating intrauterine growth on post natal adrenocortical development and other parameters of maturity in neonatal foals. <i>Equine Veterinary Journal</i> , 2004 , 36, 616-21	2.4	44
121	Antenatal glucocorticoids reset the level of baseline and hypoxemia-induced pituitary-adrenal activity in the sheep fetus during late gestation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E311-9	6	22
120	Pituitary-adrenal responses to acute hypoxemia during and after maternal dexamethasone treatment in sheep. <i>Pediatric Research</i> , 2004 , 56, 864-72	3.2	12
119	Endocrine mechanisms of intrauterine programming. <i>Reproduction</i> , 2004 , 127, 515-26	3.8	346
118	Cortisol influences the ontogeny of both alpha- and beta-subunits of the cardiac sodium channel in fetal sheep. <i>Journal of Endocrinology</i> , 2004 , 180, 449-55	4.7	14
117	Postnatal insulin secretion and sensitivity after manipulation of fetal growth by embryo transfer in the horse. <i>Journal of Endocrinology</i> , 2004 , 181, 459-67	4.7	34
116	Placental-specific insulin-like growth factor 2 (Igf2) regulates the diffusional exchange characteristics of the mouse placenta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8204-8	11.5	245
115	Development of insulin and proinsulin secretion in newborn pony foals. <i>Journal of Endocrinology</i> , 2004 , 181, 469-76	4.7	27

114	Ovine feto-placental metabolism. <i>Journal of Physiology</i> , 2004 , 554, 529-41	3.9	31
113	The effects of birth weight and postnatal growth patterns on fat depth and plasma leptin concentrations in juvenile and adult pigs. <i>Journal of Physiology</i> , 2004 , 558, 295-304	3.9	73
112	Adrenocortical responsiveness is blunted in twin relative to singleton ovine fetuses. <i>Journal of Physiology</i> , 2004 , 557, 1021-32	3.9	39
111	Effects of dexamethasone on the uterine and umbilical vascular beds during basal and hypoxemic conditions in sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 190, 825-35	6.4	25
110	Insulin sensitivity in juvenile and adult Large White pigs of low and high birthweight. <i>Diabetologia</i> , 2004 , 47, 340-8	10.3	50
109	Ontogeny of uteroplacental progesterone production in pregnant mares during the second half of gestation. <i>Biology of Reproduction</i> , 2003 , 69, 540-8	3.9	39
108	Developmental regulation of hepatic and renal gluconeogenic enzymes by thyroid hormones in fetal sheep during late gestation. <i>Journal of Physiology</i> , 2003 , 548, 941-7	3.9	28
107	The insulin-like growth factors and feto-placental growth. <i>Placenta</i> , 2003 , 24, 803-12	3.4	283
106	Cardiovascular and endocrine responses to acute hypoxaemia during and following dexamethasone infusion in the ovine fetus. <i>Journal of Physiology</i> , 2003 , 549, 271-87	3.9	46
105	Influence of cortisol on adipose tissue development in the fetal sheep during late gestation. <i>Journal of Endocrinology</i> , 2003 , 176, 23-30	4.7	59
104	The effect of birth weight on hypothalamo-pituitary-adrenal axis function in juvenile and adult pigs. <i>Journal of Physiology</i> , 2003 , 547, 107-16	3.9	45
103	Postnatal cardiovascular function after manipulation of fetal growth by embryo transfer in the horse. <i>Journal of Physiology</i> , 2003 , 547, 67-76	3.9	36
102	Regulation of supply and demand for maternal nutrients in mammals by imprinted genes. <i>Journal of Physiology</i> , 2003 , 547, 35-44	3.9	298
101	The effect of a reversible period of adverse intrauterine conditions during late gestation on fetal and placental weight and placentome distribution in sheep. <i>Placenta</i> , 2002 , 23, 459-66	3.4	16
100	The effects of cortisol on the binucleate cell population in the ovine placenta during late gestation. <i>Placenta</i> , 2002 , 23, 451-8	3.4	44
99	Effects of prevailing hypoxaemia, acidaemia or hypoglycaemia upon the cardiovascular, endocrine and metabolic responses to acute hypoxaemia in the ovine fetus. <i>Journal of Physiology</i> , 2002 , 540, 351-66	3.9	87
98	Effects of low dose dexamethasone treatment on basal cardiovascular and endocrine function in fetal sheep during late gestation. <i>Journal of Physiology</i> , 2002 , 545, 649-60	3.9	58
97	Control of growth hormone receptor and insulin-like growth factor-I expression by cortisol in ovine fetal skeletal muscle. <i>Journal of Physiology</i> , 2002 , 541, 581-9	3.9	23

96	Placental-specific IGF-II is a major modulator of placental and fetal growth. <i>Nature</i> , 2002 , 417, 945-8	50.4	825
95	The effect of birth weight on glucose tolerance in pigs at 3 and 12 months of age. <i>Diabetologia</i> , 2002 , 45, 1247-54	10.3	61
94	Regulation of 11 beta-hydroxysteroid dehydrogenase type 2 activity in ovine placenta by fetal cortisol. <i>Journal of Endocrinology</i> , 2002 , 172, 527-34	4.7	57
93	Effects of thyroid hormones on pulmonary and renal angiotensin-converting enzyme concentrations in fetal sheep near term. <i>Journal of Endocrinology</i> , 2002 , 173, 143-50	4.7	15
92	The effects of birth weight on basal cardiovascular function in pigs at 3 months of age. <i>Journal of Physiology</i> , 2002 , 539, 969-78	3.9	52
91	Plasma leptin concentration in fetal sheep during late gestation: ontogeny and effect of glucocorticoids. <i>Endocrinology</i> , 2002 , 143, 1166-73	4.8	46
90	Developmental changes in pulmonary and renal angiotensin-converting enzyme concentration in fetal and neonatal horses. <i>Reproduction, Fertility and Development</i> , 2002 , 14, 413-7	1.8	12
89	Thyroid hormones and the mRNA of the GH receptor and IGFs in skeletal muscle of fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E80-6	6	19
88	The effects of birth weight on basal cardiovascular function in pigs at 3 months of age 2002 , 539, 969		2
87	Influence of maternal size on placental, fetal and postnatal growth in the horse. I. Development in utero. <i>Reproduction</i> , 2002 , 123, 445-53	3.8	31
86	Propofol anaesthesia for surgery in late gestation pony mares. <i>Veterinary Anaesthesia and Analgesia</i> , 2001 , 28, 177-187	1.3	13
85	Intra-uterine programming of the endocrine pancreas. <i>British Medical Bulletin</i> , 2001 , 60, 123-42	5.4	125
84	Regulation of gluconeogenesis by thyroid hormones in fetal sheep during late gestation. <i>Journal of Endocrinology</i> , 2001 , 170, 461-9	4.7	22
83	Developmental expression analysis of thyroid hormone receptor isoforms reveals new insights into their essential functions in cardiac and skeletal muscles. <i>FASEB Journal</i> , 2001 , 15, 1367-76	0.9	35
82	Plasma progestagens as markers of feto-placental health. <i>Pferdeheilkunde</i> , 2001 , 17, 574-578	1.8	3
81	Comparative aspects of prepartum maturation: Provision of nutrients. <i>Pferdeheilkunde</i> , 2001 , 17, 653-658		5
80	Equine Uteroplacental Metabolism at Mid- and Late Gestation. <i>Experimental Physiology</i> , 2000 , 85, 539-545	4.4	20
79	Effect of cortisol on blood pressure and the renin-angiotensin system in fetal sheep during late gestation. <i>Journal of Physiology</i> , 2000 , 526 Pt 1, 167-76	3.9	42

78	Ontogenic and nutritionally induced changes in fetal metabolism in the horse. <i>Journal of Physiology</i> , 2000 , 528 Pt 1, 209-19	3.9	28
77	Role of cortisol in the ontogenic control of pulmonary and renal angiotensin-converting enzyme in fetal sheep near term. <i>Journal of Physiology</i> , 2000 , 526 Pt 2, 409-16	3.9	29
76	Scanning electron microscopy of the microcotyledonary placenta of the horse (<i>Equus caballus</i>) in the latter half of gestation. <i>Placenta</i> , 2000 , 21, 565-74	3.4	36
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