

Claire T Roberts

List of Publications by Citations

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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.

186
papers

6,712
citations

46
h-index

76
g-index

198
ext. papers

7,952
ext. citations

4.8
avg. IF

5.94
L-index

#	Paper	IF	Citations
186	Pre-eclampsia. <i>Lancet, The</i> , 2016 , 387, 999-1011	40	889
185	Growth and function of the normal human placenta. <i>Thrombosis Research</i> , 2004 , 114, 397-407	8.2	505
184	Robust early pregnancy prediction of later preeclampsia using metabolomic biomarkers. <i>Hypertension</i> , 2010 , 56, 741-9	8.5	215
183	Granulocyte-macrophage colony-stimulating factor alleviates adverse consequences of embryo culture on fetal growth trajectory and placental morphogenesis. <i>Endocrinology</i> , 2005 , 146, 2142-53	4.8	172
182	Beyond oxygen: complex regulation and activity of hypoxia inducible factors in pregnancy. <i>Human Reproduction Update</i> , 2010 , 16, 415-31	15.8	171
181	Early pregnancy prediction of preeclampsia in nulliparous women, combining clinical risk and biomarkers: the Screening for Pregnancy Endpoints (SCOPE) international cohort study. <i>Hypertension</i> , 2014 , 64, 644-52	8.5	165
180	The vascular endothelial growth factor family in adverse pregnancy outcomes. <i>Human Reproduction Update</i> , 2012 , 18, 436-57	15.8	139
179	Placental adaptations in growth restriction. <i>Nutrients</i> , 2015 , 7, 360-89	6.7	137
178	Fertility impairment in granulocyte-macrophage colony-stimulating factor-deficient mice. <i>Biology of Reproduction</i> , 1999 , 60, 251-61	3.9	137
177	Risk factors for small-for-gestational-age infants by customised birthweight centiles: data from an international prospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010 , 117, 1599-607	3.7	100
176	Integrative transcriptome meta-analysis reveals widespread sex-biased gene expression at the human fetal-maternal interface. <i>Molecular Human Reproduction</i> , 2014 , 20, 810-9	4.4	95
175	Epigenetic risks related to assisted reproductive technologies: short- and long-term consequences for the health of children conceived through assisted reproduction technology: more reason for caution?. <i>Human Reproduction</i> , 2002 , 17, 2783-6	5.7	94
174	Maternal food restriction reduces the exchange surface area and increases the barrier thickness of the placenta in the guinea-pig. <i>Placenta</i> , 2001 , 22, 177-85	3.4	89
173	Maternal insulin-like growth factors-I and -II act via different pathways to promote fetal growth. <i>Endocrinology</i> , 2006 , 147, 3344-55	4.8	88
172	Metabolic profiling uncovers a phenotypic signature of small for gestational age in early pregnancy. <i>Journal of Proteome Research</i> , 2011 , 10, 3660-73	5.6	85
171	Duration of sexual relationship and its effect on preeclampsia and small for gestational age perinatal outcome. <i>Journal of Reproductive Immunology</i> , 2009 , 82, 66-73	4.2	85
170	Effect of maternal feed restriction during pregnancy on glucose tolerance in the adult guinea pig. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 284, R140-52	3.2	80

169	DNA methylation-mediated down-regulation of DNA methyltransferase-1 (DNMT1) is coincident with, but not essential for, global hypomethylation in human placenta. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9583-9593	5.4	75
168	Risk factors for preterm birth in an international prospective cohort of nulliparous women. <i>PLoS ONE</i> , 2012 , 7, e39154	3.7	75
167	Improving pregnancy outcomes in humans through studies in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R1123-R1153	3.2	74
166	Effect of culturing mouse embryos under different oxygen concentrations on subsequent fetal and placental development. <i>Journal of Physiology</i> , 2006 , 572, 87-96	3.9	70
165	Effect of interleukin-10 null mutation on maternal immune response and reproductive outcome in mice. <i>Biology of Reproduction</i> , 2004 , 70, 123-31	3.9	70
164	Viperin is an important host restriction factor in control of Zika virus infection. <i>Scientific Reports</i> , 2017 , 7, 4475	4.9	69
163	IFPA Award in Placentology Lecture: Complicated interactions between genes and the environment in placentation, pregnancy outcome and long term health. <i>Placenta</i> , 2010 , 31 Suppl, S47-53	3.4	65
162	The etiology of preeclampsia: the role of the father. <i>Journal of Reproductive Immunology</i> , 2011 , 89, 126-32	3.2	64
161	The neglected role of insulin-like growth factors in the maternal circulation regulating fetal growth. <i>Journal of Physiology</i> , 2011 , 589, 7-20	3.9	62
160	Placental expression of VEGF family mRNA in adverse pregnancy outcomes. <i>Placenta</i> , 2012 , 33, 467-72	3.4	60
159	Impact of glucose infusion on the structural and functional characteristics of adipose tissue and on hypothalamic gene expression for appetite regulatory neuropeptides in the sheep fetus during late gestation. <i>Journal of Physiology</i> , 2005 , 565, 185-95	3.9	59
158	Periconceptional nutrition and the relationship between maternal body weight changes in the periconceptional period and feto-placental growth in the sheep. <i>Journal of Physiology</i> , 2005 , 565, 111-24	3.9	57
157	Maternal undernutrition reduces P-glycoprotein in guinea pig placenta and developing brain in late gestation. <i>Reproductive Toxicology</i> , 2012 , 33, 374-81	3.4	56
156	Metabolic syndrome in pregnancy and risk for adverse pregnancy outcomes: A prospective cohort of nulliparous women. <i>PLoS Medicine</i> , 2018 , 15, e1002710	11.6	55
155	Maternal marijuana use has independent effects on risk for spontaneous preterm birth but not other common late pregnancy complications. <i>Reproductive Toxicology</i> , 2016 , 62, 77-86	3.4	54
154	Folate, vitamin B12, vitamin B6 and homocysteine: impact on pregnancy outcome. <i>Maternal and Child Nutrition</i> , 2013 , 9, 155-66	3.4	54
153	Large Scale Gene Expression Meta-Analysis Reveals Tissue-Specific, Sex-Biased Gene Expression in Humans. <i>Frontiers in Genetics</i> , 2016 , 7, 183	4.5	54
152	Accelerated placental aging in early onset preeclampsia pregnancies identified by DNA methylation. <i>Epigenomics</i> , 2017 , 9, 279-289	4.4	53

151	Association between Maternal Zinc Status, Dietary Zinc Intake and Pregnancy Complications: A Systematic Review. <i>Nutrients</i> , 2016 , 8,	6.7	53
150	Association between maternal alcohol consumption in early pregnancy and pregnancy outcomes. <i>Obstetrics and Gynecology</i> , 2013 , 122, 830-837	4.9	50
149	Early pregnancy maternal endocrine insulin-like growth factor I programs the placenta for increased functional capacity throughout gestation. <i>Endocrinology</i> , 2007 , 148, 4362-70	4.8	48
148	Mechanistic Insight into Long Noncoding RNAs and the Placenta. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	47
147	Integrated proteomics pipeline yields novel biomarkers for predicting preeclampsia. <i>Hypertension</i> , 2013 , 61, 1281-8	8.5	47
146	Distinct actions of insulin-like growth factors (IGFs) on placental development and fetal growth: lessons from mice and guinea pigs. <i>Placenta</i> , 2008 , 29 Suppl A, S42-7	3.4	47
145	Early treatment of the pregnant guinea pig with IGFs promotes placental transport and nutrient partitioning near term. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E668-76	6	47
144	Chronic maternal feed restriction impairs growth but increases adiposity of the fetal guinea pig. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R119-26	3.2	47
143	The placental response to excess maternal glucocorticoid exposure differs between the male and female conceptus in spiny mice. <i>Biology of Reproduction</i> , 2011 , 85, 1040-7	3.9	46
142	Sexual Dimorphism in Adverse Pregnancy Outcomes - A Retrospective Australian Population Study 1981-2011. <i>PLoS ONE</i> , 2016 , 11, e0158807	3.7	46
141	Recent progress towards understanding the role of DNA methylation in human placental development. <i>Reproduction</i> , 2016 , 152, R23-30	3.8	46
140	Hypoxia induced HIF-1/HIF-2 activity alters trophoblast transcriptional regulation and promotes invasion. <i>European Journal of Cell Biology</i> , 2015 , 94, 589-602	6.1	45
139	Csf2 null mutation alters placental gene expression and trophoblast glycogen cell and giant cell abundance in mice. <i>Biology of Reproduction</i> , 2009 , 81, 207-21	3.9	41
138	Early pregnancy maternal trace mineral status and the association with adverse pregnancy outcome in a cohort of Australian women. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 46, 103-109	4.1	40
137	A label-free selected reaction monitoring workflow identifies a subset of pregnancy specific glycoproteins as potential predictive markers of early-onset pre-eclampsia. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3148-59	7.6	39
136	Effect of beta2-glycoprotein I null mutation on reproductive outcome and antiphospholipid antibody-mediated pregnancy pathology in mice. <i>Molecular Human Reproduction</i> , 2004 , 10, 409-16	4.4	38
135	Periconceptional undernutrition programs changes in insulin-signaling molecules and microRNAs in skeletal muscle in singleton and twin fetal sheep. <i>Biology of Reproduction</i> , 2014 , 90, 5	3.9	36
134	Paternal contribution to small for gestational age babies: a multicenter prospective study. <i>Obesity</i> , 2011 , 19, 1035-9	8	34

133	Imprinted and X-linked non-coding RNAs as potential regulators of human placental function. <i>Epigenetics</i> , 2014 , 9, 81-9	5.7	32
132	New light on early post-implantation pregnancy in the mouse: roles for insulin-like growth factor-II (IGF-II)? <i>Placenta</i> , 2007 , 28, 286-97	3.4	32
131	Clinical prediction in early pregnancy of infants small for gestational age by customised birthweight centiles: findings from a healthy nulliparous cohort. <i>PLoS ONE</i> , 2013 , 8, e70917	3.7	32
130	Child neurodevelopmental outcomes following preterm and term birth: What can the placenta tell us?. <i>Placenta</i> , 2017 , 57, 79-86	3.4	31
129	Impact of embryo number and maternal undernutrition around the time of conception on insulin signaling and gluconeogenic factors and microRNAs in the liver of fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1013-24	6	31
128	Fetal sex and the circulating renin-angiotensin system during early gestation in women who later develop preeclampsia or gestational hypertension. <i>Journal of Human Hypertension</i> , 2014 , 28, 133-9	2.6	30
127	Maternal red blood cell folate concentration at 10-12 weeks gestation and pregnancy outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25, 1423-7	2	29
126	Complex interactions between hypoxia inducible factors, insulin-like growth factor-II and oxygen in early murine trophoblasts. <i>Placenta</i> , 2007 , 28, 1147-57	3.4	29
125	Embryonic-maternal cell interactions at implantation in the fat-tailed dunnart, a dasyurid marsupial. <i>The Anatomical Record</i> , 1994 , 240, 59-76		29
124	The Health-e Babies App for antenatal education: Feasibility for socially disadvantaged women. <i>PLoS ONE</i> , 2018 , 13, e0194337	3.7	28
123	Altered placental development in interleukin-10 null mutant mice. <i>Placenta</i> , 2003 , 24 Suppl A, S94-9	3.4	28
122	Pre-pregnancy fast food and fruit intake is associated with time to pregnancy. <i>Human Reproduction</i> , 2018 , 33, 1063-1070	5.7	27
121	Distinct patterns of gene-specific methylation in mammalian placentas: implications for placental evolution and function. <i>Placenta</i> , 2010 , 31, 259-68	3.4	27
120	Prediction of Small for Gestational Age Infants in Healthy Nulliparous Women Using Clinical and Ultrasound Risk Factors Combined with Early Pregnancy Biomarkers. <i>PLoS ONE</i> , 2017 , 12, e0169311	3.7	27
119	Use of Matrigel in culture affects cell phenotype and gene expression in the first trimester trophoblast cell line HTR8/SVneo. <i>Placenta</i> , 2012 , 33, 586-8	3.4	26
118	DNA damage and health in pregnancy. <i>Journal of Reproductive Immunology</i> , 2011 , 89, 153-62	4.2	26
117	Early restriction of placental growth results in placental structural and gene expression changes in late gestation independent of fetal hypoxemia. <i>Physiological Reports</i> , 2016 , 4, e13049	2.6	26
116	Animal Models of Preeclampsia: Causes, Consequences, and Interventions. <i>Hypertension</i> , 2020 , 75, 1363-1381	3.3	26

115	Seasonality of gestational diabetes mellitus: a South Australian population study. <i>BMJ Open Diabetes Research and Care</i> , 2016 , 4, e000286	4.5	25
114	Ontogeny of placental structural development and expression of the renin-angiotensin system and 11beta-HSD2 genes in the rabbit. <i>Placenta</i> , 2009 , 30, 590-8	3.4	24
113	Maternal insulin-like growth factor-II promotes placental functional development via the type 2 IGF receptor in the guinea pig. <i>Placenta</i> , 2008 , 29, 347-55	3.4	24
112	Embryo number and periconceptual undernutrition in the sheep have differential effects on adrenal epigenotype, growth, and development. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E141-50	6	23
111	Vascular endothelial growth factor family gene polymorphisms in preeclampsia in Sinhalese women in Sri-Lanka. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013 , 26, 532-6	2	22
110	Zinc is a critical regulator of placental morphogenesis and maternal hemodynamics during pregnancy in mice. <i>Scientific Reports</i> , 2017 , 7, 15137	4.9	22
109	Cardiovascular risk factors in offspring exposed to gestational diabetes mellitus : systematic review and meta-analysis. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 599-616	2.4	22
108	Quantitative allele-specific expression and DNA methylation analysis of H19, IGF2 and IGF2R in the human placenta across gestation reveals H19 imprinting plasticity. <i>PLoS ONE</i> , 2012 , 7, e51210	3.7	21
107	Origin of the oocyte shell membrane of a dasyurid marsupial: an immunohistochemical study. <i>The Journal of Experimental Zoology</i> , 1994 , 270, 321-31		21
106	Vitamin D Receptor Gene Ablation in the Conceptus Has Limited Effects on Placental Morphology, Function and Pregnancy Outcome. <i>PLoS ONE</i> , 2015 , 10, e0131287	3.7	21
105	The association of AGTR2 polymorphisms with preeclampsia and uterine artery bilateral notching is modulated by maternal BMI. <i>Placenta</i> , 2013 , 34, 75-81	3.4	19
104	Abnormal pregnancy outcomes in mice using an induced periodontitis model and the haematogenous migration of <i>Fusobacterium nucleatum</i> sub-species to the murine placenta. <i>PLoS ONE</i> , 2015 , 10, e0120050	3.7	19
103	First trimester trophoblasts forming endothelial-like tubes in vitro emulate a blood vessel development gene expression profile. <i>Gene Expression Patterns</i> , 2016 , 21, 103-10	1.5	18
102	Maternal undernutrition around the time of conception and embryo number each impact on the abundance of key regulators of cardiac growth and metabolism in the fetal sheep heart. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 377-90	2.4	18
101	The interaction between the maternal BMI and angiogenic gene polymorphisms associates with the risk of spontaneous preterm birth. <i>Molecular Human Reproduction</i> , 2012 , 18, 459-65	4.4	18
100	A systematic review of interventions to improve uptake of pertussis vaccination in pregnancy. <i>PLoS ONE</i> , 2019 , 14, e0214538	3.7	17
99	Vitamin D levels in an Australian and New Zealand cohort and the association with pregnancy outcome. <i>BMC Pregnancy and Childbirth</i> , 2018 , 18, 251	3.2	17
98	Maternal Selenium, Copper and Zinc Concentrations in Early Pregnancy, and the Association with Fertility. <i>Nutrients</i> , 2019 , 11,	6.7	17

97	Single-nucleotide polymorphisms in the KDR gene in pregnancies complicated by gestational hypertensive disorders and small-for-gestational-age infants. <i>Reproductive Sciences</i> , 2012 , 19, 547-54	3	17
96	Placental transcriptome co-expression analysis reveals conserved regulatory programs across gestation. <i>BMC Genomics</i> , 2017 , 18, 10	4.5	16
95	massiR: a method for predicting the sex of samples in gene expression microarray datasets. <i>Bioinformatics</i> , 2014 , 30, 2084-5	7.2	16
94	Responses to maternal GH or ractopamine during early-mid pregnancy are similar in primiparous and multiparous pregnant pigs. <i>Journal of Endocrinology</i> , 2009 , 203, 143-54	4.7	16
93	Cord Blood DNA Methylation Biomarkers for Predicting Neurodevelopmental Outcomes. <i>Genes</i> , 2016 , 7,	4.2	16
92	The marsupial shell membrane: an ultrastructural and immunogold localization study. <i>Cell and Tissue Research</i> , 1996 , 284, 99-110	4.2	15
91	Clinical and biochemical factors associated with preeclampsia in women with obesity. <i>Obesity</i> , 2017 , 25, 460-467	8	14
90	The deleterious effects of cannabis during pregnancy on neonatal outcomes. <i>Medical Journal of Australia</i> , 2020 , 212, 519-524	4	14
89	Asthma treatment impacts time to pregnancy: evidence from the international SCOPE study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	14
88	Increased methylation and decreased expression of homeobox genes TLX1, HOXA10 and DLX5 in human placenta are associated with trophoblast differentiation. <i>Scientific Reports</i> , 2017 , 7, 4523	4.9	14
87	A functional variant in the thrombospondin-1 gene and the risk of small for gestational age infants. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 2221-8	15.4	14
86	A functional variant in ANGPT1 and the risk of pregnancies with hypertensive disorders and small-for-gestational-age infants. <i>Molecular Human Reproduction</i> , 2012 , 18, 325-32	4.4	14
85	Polymorphisms in the inflammatory pathway genes and the risk of preeclampsia in Sinhalese women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 1072-6	2	13
84	Rising maternal circulating GH during murine pregnancy suggests placental regulation. <i>Endocrine Connections</i> , 2017 , 6, 260-266	3.5	13
83	Circulating IGF1 and IGF2 and SNP genotypes in men and pregnant and non-pregnant women. <i>Endocrine Connections</i> , 2014 , 3, 138-49	3.5	13
82	The balance between human maternal plasma angiotensin II and angiotensin 1-7 levels in early gestation pregnancy is influenced by fetal sex. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014 , 15, 523-31	3	13
81	The INSR rs2059806 single nucleotide polymorphism, a genetic risk factor for vascular and metabolic disease, associates with pre-eclampsia. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 392-398	4	12
80	Regulation of the human placental (pro)renin receptor-prorenin-angiotensin system by microRNAs. <i>Molecular Human Reproduction</i> , 2018 , 24, 453-464	4.4	12

79	Vitamin and mineral supplementation in pregnancy: evidence to practice. <i>Journal of Pharmacy Practice and Research</i> , 2018 , 48, 186-192	0.7	12
78	Long-term Trends in Singleton Preterm Birth in South Australia From 1986 to 2014. <i>Obstetrics and Gynecology</i> , 2018 , 131, 79-89	4.9	12
77	Psychosocial determinants of pertussis and influenza vaccine uptake in pregnant women: A prospective study. <i>Vaccine</i> , 2020 , 38, 3358-3368	4.1	11
76	Hypoxia-inducible factor-1 β gene polymorphisms in early and late onset preeclampsia in Sinhalese women. <i>Placenta</i> , 2014 , 35, 491-5	3.4	11
75	Impact of periconceptual and preimplantation undernutrition on factors regulating myogenesis and protein synthesis in muscle of singleton and twin fetal sheep. <i>Physiological Reports</i> , 2015 , 3, e12495 ^{2.6}	2.6	11
74	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> , 2012 , 87, 126	3.9	11
73	Maternal folate, one-carbon metabolism and pregnancy outcomes. <i>Maternal and Child Nutrition</i> , 2021 , 17, e13064	3.4	11
72	Effect of oxygen on the expression of renin-angiotensin system components in a human trophoblast cell line. <i>Placenta</i> , 2016 , 37, 1-6	3.4	10
71	Impact of embryo number and periconceptual undernutrition on factors regulating adipogenesis, lipogenesis, and metabolism in adipose tissue in the sheep fetus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E931-41	6	10
70	The obesity associated FTO gene variant and the risk of adverse pregnancy outcomes: Evidence from the SCOPE study. <i>Obesity</i> , 2016 , 24, 2600-2607	8	10
69	Mechanisms linking exposure to preeclampsia and the risk for cardiovascular disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 235-242	2.4	9
68	Formyl peptide receptor-2 is decreased in foetal growth restriction and contributes to placental dysfunction. <i>Molecular Human Reproduction</i> , 2018 , 24, 94-109	4.4	9
67	Impact of maternal undernutrition around the time of conception on factors regulating hepatic lipid metabolism and microRNAs in singleton and twin fetuses. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E148-59	6	9
66	Urinary angiotensinogen excretion in Australian Indigenous and non-Indigenous pregnant women. <i>Pregnancy Hypertension</i> , 2018 , 12, 110-117	2.6	9
65	The association of maternal ACE A11860G with small for gestational age babies is modulated by the environment and by fetal sex: a multicentre prospective case-control study. <i>Molecular Human Reproduction</i> , 2013 , 19, 618-27	4.4	9
64	The metabolic syndrome in pregnancy and its association with child telomere length. <i>Diabetologia</i> , 2020 , 63, 2140-2149	10.3	9
63	Non-invasive assessment of maternal hemodynamics in early pregnancy. <i>Pregnancy Hypertension</i> , 2013 , 3, 261-9	2.6	8
62	Maternal undernutrition during the first week after conception results in decreased expression of glucocorticoid receptor mRNA in the absence of GR exon 17 hypermethylation in the fetal pituitary in late gestation. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 391-401	2.4	8

61	Maternal and paternal genomes differentially affect myofibre characteristics and muscle weights of bovine fetuses at midgestation. <i>PLoS ONE</i> , 2013 , 8, e53402	3.7	8
60	Chronic maternal hypertension characterized by renal dysfunction is associated with reduced placental blood flow during late gestation in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1043-9	3.2	8
59	Circulating insulin-like growth factor (IGF)-I and IGF binding proteins -1 and -3 and placental development in the guinea-pig. <i>Placenta</i> , 2002 , 23, 763-70	3.4	8
58	Anti-Müllerian hormone levels in recurrent embryonic miscarriage patients are frequently abnormal, and may affect pregnancy outcomes. <i>Journal of Obstetrics and Gynaecology</i> , 2019 , 39, 623-627 ¹⁻³		7
57	The Effect of Interactions between Folic Acid Supplementation and One Carbon Metabolism Gene Variants on Small-for-Gestational-Age Births in the Screening for Pregnancy Endpoints (SCOPE) Cohort Study. <i>Nutrients</i> , 2020 , 12,	6.7	7
56	Seasonality of hypertensive disorders of pregnancy - A South Australian population study. <i>Pregnancy Hypertension</i> , 2018 , 12, 118-123	2.6	7
55	Mid-trimester maternal ADAM12 levels differ according to fetal gender in pregnancies complicated by preeclampsia. <i>Reproductive Sciences</i> , 2015 , 22, 235-41	3	7
54	Chronic maternal hypertension affects placental gene expression and differentiation in rabbits. <i>Journal of Hypertension</i> , 2010 , 28, 959-68	1.9	7
53	Antiserum to the egg coats of the fat-tailed dunnart (Marsupialia, Dasyuridae) cross-reacts with egg coats of other marsupial and eutherian species. <i>The Journal of Experimental Zoology</i> , 1997 , 278, 133-9		7
52	Association between metabolic syndrome and gestational diabetes mellitus in women and their children: a systematic review and meta-analysis. <i>Endocrine</i> , 2021 , 71, 310-320	4	7
51	A novel embryo culture media supplement that improves pregnancy rates in mice. <i>Reproduction</i> , 2017 , 153, 327-340	3.8	6
50	Reduced Dietary Calcium and Vitamin D Results in Preterm Birth and Altered Placental Morphogenesis in Mice During Pregnancy. <i>Reproductive Sciences</i> , 2020 , 27, 1330-1339	3	6
49	The obesity-related FTO gene variant associates with the risk of recurrent miscarriage. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015 , 94, 722-726	3.8	6
48	Polymorphisms in the fibrinolytic pathway genes and the risk of recurrent spontaneous abortion. <i>Reproductive BioMedicine Online</i> , 2014 , 29, 745-51	4	6
47	Association of vascular endothelial growth factor +936 C/T single-nucleotide polymorphism with pregnancies complicated by small-for-gestational-age babies. <i>JAMA Pediatrics</i> , 2011 , 165, 1123-30		6
46	Characterization of 5-methylcytosine and 5-hydroxymethylcytosine in human placenta cell types across gestation. <i>Epigenetics</i> , 2019 , 14, 660-671	5.7	5
45	Insulin family polymorphisms in pregnancies complicated by small for gestational age infants. <i>Molecular Human Reproduction</i> , 2015 , 21, 745-52	4.4	5
44	Impact of serotonin reuptake inhibitor use on breast milk supply in mothers of preterm infants: a retrospective cohort study. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 1373-1379	3.8	5

43	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> , 2010 , 88, 1365-78	0.7	5
42	Safety and protective effects of maternal influenza vaccination on pregnancy and birth outcomes: A prospective cohort study. <i>EClinicalMedicine</i> , 2020 , 26, 100522	11.3	5
41	Cardiovascular risk factors in women with previous gestational diabetes mellitus: A systematic review and meta-analysis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020 , 1	10.5	5
40	Lifestyle and pregnancy complications in polycystic ovary syndrome: The SCOPE cohort study. <i>Clinical Endocrinology</i> , 2019 , 90, 814-821	3.4	5
39	Effectiveness of birthing kits for clean childbirth: a systematic review. <i>International Health</i> , 2020 , 12, 3-10	2.4	5
38	Effect of Iodine and Selenium on Proliferation, Viability, and Oxidative Stress in HTR-8/SVneo Placental Cells. <i>Biological Trace Element Research</i> , 2021 , 199, 1332-1344	4.5	5
37	The duration of sexual relationship and its effects on adverse pregnancy outcomes. <i>Journal of Reproductive Immunology</i> , 2018 , 128, 16-22	4.2	5
36	Large-scale transcriptome-wide profiling of microRNAs in human placenta and maternal plasma at early to mid gestation. <i>RNA Biology</i> , 2021 , 1-14	4.8	5
35	Pregnancy, but not dietary octanoic acid supplementation, stimulates the ghrelin-pituitary growth hormone axis in mice. <i>Journal of Endocrinology</i> , 2020 , 245, 327-342	4.7	4
34	Effect of Birth Weight and Early Pregnancy BMI on Risk for Pregnancy Complications. <i>Obesity</i> , 2019 , 27, 237-244	8	4
33	Remodelling of the bovine placenta: Comprehensive morphological and histomorphological characterization at the late embryonic and early accelerated fetal growth stages. <i>Placenta</i> , 2017 , 55, 37-46	3.4	3
32	Agreement of aneroid and oscillometric blood pressure devices used in pregnancy. <i>Pregnancy Hypertension</i> , 2019 , 17, 43-48	2.6	3
31	Low Serum Levels of HtrA3 at 15 Weeks of Gestation Are Associated with Late-Onset Preeclampsia Development and Small for Gestational Age Birth. <i>Fetal Diagnosis and Therapy</i> , 2019 , 46, 392-401	2.4	3
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24	Folic acid supplementation is associated with size at birth in the Screening for Pregnancy Endpoints (SCOPE) international prospective cohort study. <i>Early Human Development</i> , 2020 , 147, 105058	2.2	2
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22	Large-scale transcriptome-wide profiling of microRNAs in human placenta and maternal plasma at early to mid gestation		2
21	Author response: cardiovascular risk factors in offspring exposed to gestational diabetes mellitus in utero: systematic review and meta-analysis. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 244-245	2.4	2
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13	Late pregnancy increases hepatic expression of insulin-like growth factor-I in well nourished guinea pigs. <i>Growth Hormone and IGF Research</i> , 2005 , 15, 165-71	2	1
12	Protective Influence of Breastfeeding on Cardiovascular Risk Factors in Women With Previous Gestational Diabetes Mellitus and Their Children: A Systematic Review and Meta-Analysis. <i>Journal of Human Lactation</i> , 2021 , 8903344211034779	2.6	1
11	The effect of zinc on human trophoblast proliferation and oxidative stress. <i>Journal of Nutritional Biochemistry</i> , 2021 , 90, 108574	6.3	1
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