

Philip N Baker

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.

273
papers

9,564
citations

54
h-index

88
g-index

280
ext. papers

10,698
ext. citations

4.5
avg, IF

5.83
L-index

#	Paper	IF	Citations
273	CD39/CD73 Dysregulation of Adenosine Metabolism Increases Decidual Natural Killer Cell Cytotoxicity: Implications in Unexplained Recurrent Spontaneous Abortion.. <i>Frontiers in Immunology</i> , 2022 , 13, 813218	8.4	0
272	The effects of gestational diabetes mellitus with maternal age between 35 and 40 years on the metabolite profiles of plasma and urine.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 174	3.2	1
271	The Metabolic Signatures of Surviving Cotwins in Cases of Single Intrauterine Fetal Death During Monochorionic Diamniotic Pregnancy: A Prospective Case-Control Study.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 799902	5.6	
270	Comprehensive Metabolomic Profiling of Cord Blood and Placental Tissue in Surviving Monochorionic Twins Complicated by Twin-Twin Transfusion Syndrome With or Without Fetoscopic Laser Coagulation Surgery: A Retrospective Cohort Study.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 786755	5.8	
269	Alterations in Fetal Doppler Parameters Before and Twenty-Four Hours After Radiofrequency Ablation for Twin Reversed Arterial Perfusion Sequence.. <i>Frontiers in Medicine</i> , 2022 , 9, 802666	4.9	
268	Early cost-effectiveness analysis of screening for preeclampsia in nulliparous women: A modelling approach in European high-income settings.. <i>PLoS ONE</i> , 2022 , 17, e0267313	3.7	0
267	An Investigation of the Relationship Between Dietary Patterns in Early Pregnancy and Maternal/Infant Health Outcomes in a Chinese Cohort.. <i>Frontiers in Nutrition</i> , 2022 , 9, 775557	6.2	1
266	Reactive Oxygen Species are Essential for Placental Angiogenesis During Early Gestation. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-14	6.7	0
265	Impaired Sphingosine-1-Phosphate Synthesis Induces Preeclampsia by Deactivating Trophoblastic YAP (Yes-Associated Protein) Through S1PR2 (Sphingosine-1-Phosphate Receptor-2)-Induced Actin Polymerizations. <i>Hypertension</i> , 2021 , HYPERTENSIONAHA12118363	8.5	0
264	Role of GRK2 in Trophoblast Necroptosis and Spiral Artery Remodeling: Implications for Preeclampsia Pathogenesis.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 694261	5.7	0
263	Advanced Maternal Age-associated SIRT1 Deficiency Compromises Trophoblast Epithelial-Mesenchymal Transition through an Increase in Vimentin Acetylation. <i>Aging Cell</i> , 2021 , 20, e13491	9.9	4
262	Gestational Diabetes Mellitus-Associated Hyperglycemia Impairs Glucose Transporter 3 Trafficking in Trophoblasts Through the Downregulation of AMP-Activated Protein Kinase. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 722024	5.7	1
261	-Inositol, Probiotics, and Micronutrient Supplementation From Preconception for Glycemia in Pregnancy: NiPPeR International Multicenter Double-Blind Randomized Controlled Trial. <i>Diabetes Care</i> , 2021 , 44, 1091-1099	14.6	4
260	Potential role of FoxO3a in the regulation of trophoblast development and pregnancy complications. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 4363-4372	5.6	2
259	Vitamin D status in women with dichorionic twin pregnancies and their neonates: a pilot study in China. <i>BMC Pregnancy and Childbirth</i> , 2021 , 21, 279	3.2	1
258	Insufficient sleep during infancy is correlated with excessive weight gain in childhood: a longitudinal twin cohort study. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 2147-2154	3.1	1
257	Gestational diabetes mellitus-associated changes in the breast milk metabolome alters the neonatal growth trajectory. <i>Clinical Nutrition</i> , 2021 , 40, 4043-4054	5.9	5

256	Complex patterns of circulating fatty acid levels in gestational diabetes mellitus subclasses across pregnancy. <i>Clinical Nutrition</i> , 2021 , 40, 4140-4148	5.9	2
255	Advanced maternal age causes premature placental senescence and malformation via dysregulated Eklotoh expression in trophoblasts. <i>Aging Cell</i> , 2021 , 20, e13417	9.9	5
254	The Potent Antioxidant MitoQ Protects Against Preeclampsia During Late Gestation but Increases the Risk of Preeclampsia When Administered in Early Pregnancy. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 118-136	8.4	20
253	Perinatal outcomes and offspring growth profiles in twin pregnancies complicated by gestational diabetes mellitus: A longitudinal cohort study. <i>Diabetes Research and Clinical Practice</i> , 2021 , 171, 108623	7.4	0
252	Revisiting preeclampsia: a metabolic disorder of the placenta. <i>FEBS Journal</i> , 2021 ,	5.7	2
251	Associations of early pregnancy BMI with adverse pregnancy outcomes and infant neurocognitive development. <i>Scientific Reports</i> , 2021 , 11, 3793	4.9	1
250	Supplementation with milk enriched with complex lipids during pregnancy: A double-blind randomized controlled trial. <i>PLoS ONE</i> , 2021 , 16, e0244916	3.7	2
249	Twin-twin transfusion syndrome is associated with alterations in the metabolic profile of maternal plasma in early gestation: a pilot study. <i>Prenatal Diagnosis</i> , 2021 , 41, 1080-1088	3.2	1
248	Association of infant feeding patterns with body fat mass and obesity in the first 2 years of life: a longitudinal twin birth cohort study. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 1-11	3.7	0
247	Glycerophospholipid and detoxification pathways associated with small for gestation age pathophysiology: discovery metabolomics analysis in the SCOPE cohort. <i>Metabolomics</i> , 2021 , 17, 5	4.7	2
246	Incidence and risk factors for hyperglycemia in pregnancy among nulliparous women: A Brazilian multicenter cohort study. <i>PLoS ONE</i> , 2020 , 15, e0232664	3.7	2
245	Management of a delivery suite during the COVID-19 epidemic. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020 , 250, 250-252	2.4	5
244	Maternal plasma metabolic markers of neonatal adiposity and associated maternal characteristics: The GUSTO study. <i>Scientific Reports</i> , 2020 , 10, 9422	4.9	2
243	Phosphorylation of Yes-associated protein impairs trophoblast invasion and migration: implications for the pathogenesis of fetal growth restriction. <i>Biology of Reproduction</i> , 2020 , 103, 866-879	3.9	3
242	Maternal dietary patterns and risk of gestational diabetes mellitus in twin pregnancies: a longitudinal twin pregnancies birth cohort study. <i>Nutrition Journal</i> , 2020 , 19, 13	4.3	4
241	Clinical and epidemiological factors associated with spontaneous preterm birth: a multicentre cohort of low risk nulliparous women. <i>Scientific Reports</i> , 2020 , 10, 855	4.9	9
240	Association between phospholipid metabolism in plasma and spontaneous preterm birth: a discovery lipidomic analysis in the cork pregnancy cohort. <i>Metabolomics</i> , 2020 , 16, 19	4.7	8
239	Five serum fatty acids are associated with subclinical hypothyroidism in a Chinese pregnant population. <i>Scientific Reports</i> , 2020 , 10, 6743	4.9	2

238	Maternal Utero-Placental Perfusion Discordance in Monochorionic-Diamniotic Twin Pregnancies with Selective Growth Restriction Assessed by Three-Dimensional Power Doppler Ultrasound. <i>Medical Science Monitor</i> , 2020 , 26, e919247	3.2	2
237	Prediction of preeclampsia risk in first time pregnant women: Metabolite biomarkers for a clinical test. <i>PLoS ONE</i> , 2020 , 15, e0244369	3.7	3
236	Metformin administration during pregnancy attenuated the long-term maternal metabolic and cognitive impairments in a mouse model of gestational diabetes. <i>Aging</i> , 2020 , 12, 14019-14036	5.6	0
235	Perinatal outcomes from preterm and early term births in a multicenter cohort of low risk nulliparous women. <i>Scientific Reports</i> , 2020 , 10, 8508	4.9	3
234	Upregulated LncZBTB39 in pre-eclampsia and its effects on trophoblast invasion and migration via antagonizing the inhibition of miR-210 on THSD7A expression. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020 , 248, 164-171	2.4	3
233	Measuring maternal body composition by biomedical impedance can predict risk for gestational diabetes mellitus: a retrospective study among 22,223 women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-8	2	4
232	Maternal prenatal stress and its effects on primary pregnancy outcomes in twin pregnancies. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 2020 , 41, 198-204	3.6	1
231	Endoplasmic reticulum stress may activate NLRP3 inflammasomes via TXNIP in preeclampsia. <i>Cell and Tissue Research</i> , 2020 , 379, 589-599	4.2	14
230	Effect of L-Ergothioneine on the metabolic plasma profile of the RUPP rat model of pre-eclampsia. <i>PLoS ONE</i> , 2020 , 15, e0230977	3.7	7
229	A prediction model for short-term neonatal outcomes in severe early-onset fetal growth restriction. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019 , 241, 109-118	2.4	12
228	Trace biomarkers associated with spontaneous preterm birth from the maternal serum metabolome of asymptomatic nulliparous women - parallel case-control studies from the SCOPE cohort. <i>Scientific Reports</i> , 2019 , 9, 13701	4.9	8
227	Mortality in the UK STRIDER trial of sildenafil therapy for the treatment of severe early-onset fetal growth restriction. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, e2-e3	14.5	11
226	Metabolic analysis of adipose tissues in a rodent model of pre-pregnancy maternal obesity combined with offsprings on high-carbohydrate diet. <i>Experimental Cell Research</i> , 2019 , 381, 29-38	4.2	2
225	Association between caesarean section delivery and obesity in childhood: a longitudinal cohort study in Ireland. <i>BMJ Open</i> , 2019 , 9, e025051	3	17
224	Planning, Implementing, and Running a Multicentre Preterm Birth Study with Biobank Resources in Brazil: The Preterm SAMBA Study. <i>BioMed Research International</i> , 2019 , 2019, 5476350	3	7
223	Nutritional Supplementation for the Prevention and/or Treatment of Gestational Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2019 , 19, 73	5.6	20
222	Hypoxia-induced Downregulation of SRC-3 Suppresses Trophoblastic Invasion and Migration Through Inhibition of the AKT/mTOR Pathway: Implications for the Pathogenesis of Preeclampsia. <i>Scientific Reports</i> , 2019 , 9, 10349	4.9	14
221	Incidence and risk factors for Preeclampsia in a cohort of healthy nulliparous pregnant women: a nested case-control study. <i>Scientific Reports</i> , 2019 , 9, 9517	4.9	24

220	Caesarean section delivery and childhood obesity: evidence from the growing up in New Zealand cohort. <i>Journal of Epidemiology and Community Health</i> , 2019 , 73, 1063-1070	5.1	6
219	Caesarean section delivery and childhood obesity in a British longitudinal cohort study. <i>PLoS ONE</i> , 2019 , 14, e0223856	3.7	7
218	The Regulation of Trophoblastic p53 Homeostasis by the p38-Wip1 Feedback Loop is Disturbed in Placentas from Pregnancies Complicated by Preeclampsia. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 315-335	3.9	4
217	Blunted Cardiac AMPK Response is Associated with Susceptibility to Ischemia/Reperfusion in Male Offspring of Gestational Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 1103-1116	3.9	3
216	Trophoblastic proliferation and invasion regulated by ACTN4 is impaired in early onset preeclampsia. <i>FASEB Journal</i> , 2019 , 33, 6327-6338	0.9	10
215	Birth weight charts for a Chinese population: an observational study of routine newborn weight data from Chongqing. <i>BMC Pediatrics</i> , 2019 , 19, 426	2.6	5
214	Gas chromatography-mass spectrometry based metabolomics profile of hippocampus and cerebellum in mice after chronic arsenic exposure. <i>Environmental Toxicology</i> , 2019 , 34, 103-111	4.2	3
213	QSOX1 regulates trophoblastic apoptosis in preeclampsia through hydrogen peroxide production. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 3708-3715	2	5
212	Caesarean section delivery and childhood obesity in a British longitudinal cohort study 2019 , 14, e0223856		
211	Caesarean section delivery and childhood obesity in a British longitudinal cohort study 2019 , 14, e0223856		
210	Caesarean section delivery and childhood obesity in a British longitudinal cohort study 2019 , 14, e0223856		
209	Caesarean section delivery and childhood obesity in a British longitudinal cohort study 2019 , 14, e0223856		
208	Dysregulated Expression of RPS4Y1 (Ribosomal Protein S4, Y-Linked 1) Impairs STAT3 (Signal Transducer and Activator of Transcription 3) Signaling to Suppress Trophoblast Cell Migration and Invasion in Preeclampsia. <i>Hypertension</i> , 2018 , 71, 481-490	8.5	21
207	Analysis of sequential hair segments reflects changes in the metabolome across the trimesters of pregnancy. <i>Scientific Reports</i> , 2018 , 8, 36	4.9	22
206	Maternal sildenafil for severe fetal growth restriction (STRIDER): a multicentre, randomised, placebo-controlled, double-blind trial. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 93-102	14.5	95
205	Human Placental Growth Hormone Variant in Pathological Pregnancies. <i>Endocrinology</i> , 2018 , 159, 2186-2198	4.9	10
204	Association between maternal exposure to phthalates and lower language ability in offspring derived from hair metabolome analysis. <i>Scientific Reports</i> , 2018 , 8, 6745	4.9	14
203	A mouse model of pre-pregnancy maternal obesity combined with offspring exposure to a high-fat diet resulted in cognitive impairment in male offspring. <i>Experimental Cell Research</i> , 2018 , 368, 159-166	4.2	8

202	SATB1 downregulation induced by oxidative stress participates in trophoblast invasion by regulating β -catenin. <i>Biology of Reproduction</i> , 2018 , 98, 810-820	3.9	5
201	SRC-3 Plays a Critical Role in Human Umbilical Vein Endothelial Cells by Regulating the PI3K/Akt/mTOR Pathway in Preeclampsia. <i>Reproductive Sciences</i> , 2018 , 25, 748-758	3	16
200	Investigating the relationship between fetal growth and academic attainment: secondary analysis of the Born in Bradford (BiB) cohort. <i>International Journal of Epidemiology</i> , 2018 , 47, 1475-1484	7.8	5
199	Integrated Epigenetics, Transcriptomics, and Metabolomics to Analyze the Mechanisms of Benzo[a]pyrene Neurotoxicity in the Hippocampus. <i>Toxicological Sciences</i> , 2018 , 166, 65-81	4.4	15
198	Antenatal risk factors associated with neonatal morbidity in large-for-gestational-age infants: an international prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018 , 97, 1015-1024	3.8	5
197	Metabolomic profiling of maternal hair suggests rapid development of intrahepatic cholestasis of pregnancy. <i>Metabolomics</i> , 2018 , 14, 79	4.7	4
196	Postnatal Subacute Benzo(a)Pyrene Exposure Caused Neurobehavioral Impairment and Metabolomic Changes of Cerebellum in the Early Adulthood Period of Sprague-Dawley Rats. <i>Neurotoxicity Research</i> , 2018 , 33, 812-823	4.3	12
195	Updated birth weight centiles for England and Wales. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F577-F582	4.7	21
194	Association Between Gestational Weight Gain and Pregnancy Complications or Adverse Delivery Outcomes in Chinese Han Dichorionic Twin Pregnancies: Validation of the Institute of Medicine (IOM) 2009 Guidelines. <i>Medical Science Monitor</i> , 2018 , 24, 8342-8347	3.2	12
193	Metabolomics of Pregnancy Complications: Emerging Application of Maternal Hair. <i>BioMed Research International</i> , 2018 , 2018, 2815439	3	6
192	Metabolomics for predicting fetal growth restriction: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2018 , 8, e022743	3	7
191	Viagra for fetal growth restriction: STRIDER Consortium replies to letter by Symonds and Budge. <i>BMJ, The</i> , 2018 , 363, k4872	5.9	2
190	Effect of sildenafil citrate treatment in the eNOS knockout mouse model of fetal growth restriction on long-term cardiometabolic outcomes in male offspring. <i>Pharmacological Research</i> , 2018 , 137, 122-134	10.2	5
189	The Impact of Caesarean Section on the Risk of Childhood Overweight and Obesity: New Evidence from a Contemporary Cohort Study. <i>Scientific Reports</i> , 2018 , 8, 15113	4.9	23
188	Metabolic Biomarkers of Monochorionic Twins Complicated With Selective Intrauterine Growth Restriction in Cord Plasma and Placental Tissue. <i>Scientific Reports</i> , 2018 , 8, 15914	4.9	9
187	AMPK Hyper-Activation Alters Fatty Acids Metabolism and Impairs Invasiveness of Trophoblasts in Preeclampsia. <i>Cellular Physiology and Biochemistry</i> , 2018 , 49, 578-594	3.9	16
186	The metabolic role of LncZBTB39-1:2 in the trophoblast mobility of preeclampsia. <i>Genes and Diseases</i> , 2018 , 5, 235-244	6.6	4
185	Decreased IL-33 Production Contributes to Trophoblast Cell Dysfunction in Pregnancies with Preeclampsia. <i>Mediators of Inflammation</i> , 2018 , 2018, 9787239	4.3	14

184	G-protein-coupled receptor 30 mediates the effects of estrogen on endothelial cell tube formation in vitro. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 1461-1467	4.4	14
183	Nutritional Intervention Preconception and During Pregnancy to Maintain Healthy Glucose Metabolism and Offspring Health ("NiPPeR"): study protocol for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 131	2.8	28
182	Absence of a gestational diabetes phenotype in the LepRdb/+ mouse is independent of control strain, diet, misty allele, or parity. <i>Scientific Reports</i> , 2017 , 7, 45130	4.9	15
181	Clinical and biochemical factors associated with preeclampsia in women with obesity. <i>Obesity</i> , 2017 , 25, 460-467	8	14
180	Association of a reduction of G-protein coupled receptor 30 expression and the pathogenesis of preeclampsia. <i>Molecular Medicine Reports</i> , 2017 , 16, 5997-6003	2.9	12
179	Clinical, ultrasound and molecular biomarkers for early prediction of large for gestational age infants in nulliparous women: An international prospective cohort study. <i>PLoS ONE</i> , 2017 , 12, e0178484	3.7	6
178	A novel method for interrogating receiver operating characteristic curves for assessing prognostic tests. <i>Diagnostic and Prognostic Research</i> , 2017 , 1, 17	5.5	7
177	Maternal serum placental growth hormone, insulin-like growth factors and their binding proteins at 20 weeks' gestation in pregnancies complicated by gestational diabetes mellitus. <i>Hormones</i> , 2017 , 16, 282-290	3.1	10
176	Altered Circulating Inflammatory Cytokines Are Associated with Anovulatory Polycystic Ovary Syndrome (PCOS) Women Resistant to Clomiphene Citrate Treatment. <i>Medical Science Monitor</i> , 2017 , 23, 1083-1089	3.2	20
175	Impaired mitochondrial fusion, autophagy, biogenesis and dysregulated lipid metabolism is associated with preeclampsia. <i>Experimental Cell Research</i> , 2017 , 359, 195-204	4.2	43
174	Maternal serum IGF-1, IGFBP-1 and 3, and placental growth hormone at 20 weeks' gestation in pregnancies complicated by preeclampsia. <i>Pregnancy Hypertension</i> , 2017 , 10, 149-154	2.6	7
173	IL-27 induces a pro-inflammatory response in human fetal membranes mediating preterm birth. <i>International Immunopharmacology</i> , 2017 , 50, 361-369	5.8	8
172	Do changing levels of maternal exercise during pregnancy affect neonatal adiposity? Secondary analysis of the babies after SCOPE: evaluating the longitudinal impact using neurological and nutritional endpoints (BASELINE) birth cohort (Cork, Ireland). <i>BMJ Open</i> , 2017 , 7, e017987	3	5
171	Response to comments regarding article, "Wnt5a inhibited human trophoblast cell line HTR8/SVneo invasion: implications for early placentation and preeclampsia". <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 1247-1248	2	
170	The CLIMB (Complex Lipids In Mothers and Babies) study: protocol for a multicentre, three-group, parallel randomised controlled trial to investigate the effect of supplementation of complex lipids in pregnancy, on maternal ganglioside status and subsequent cognitive outcomes in the offspring. <i>BMJ Open</i> , 2017 , 7, e016637	3	13
169	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
168	Maternal serum placental growth hormone, insulin-like growth factors and their binding proteins at 20 weeks' gestation in pregnancies complicated by gestational diabetes mellitus. <i>Hormones</i> , 2017 , 16, 282-290	3.1	5
167	Maternal hair metabolome analysis identifies a potential marker of lipid peroxidation in gestational diabetes mellitus. <i>Acta Diabetologica</i> , 2016 , 53, 119-22	3.9	27

166	Maternal Administration of Sildenafil Citrate Alters Fetal and Placental Growth and Fetal-Placental Vascular Resistance in the Growth-Restricted Ovine Fetus. <i>Hypertension</i> , 2016 , 68, 760-7	8.5	35
165	A vegetable, fruit, and white rice dietary pattern during pregnancy is associated with a lower risk of preterm birth and larger birth size in a multiethnic Asian cohort: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) cohort study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1416-1423	7	44
164	Maternal-fetal hepatic and placental metabolome profiles are associated with reduced fetal growth in a rat model of maternal obesity. <i>Metabolomics</i> , 2016 , 12, 1	4.7	4
163	Inhibition of Wnt Inhibitory Factor 1 Under Hypoxic Condition in Human Umbilical Vein Endothelial Cells Promoted Angiogenesis in Vitro. <i>Reproductive Sciences</i> , 2016 , 23, 1348-58	3	8
162	Wnt5a inhibited human trophoblast cell line HTR8/SVneo invasion: implications for early placentation and preeclampsia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 3532-8	2	19
161	Maternal Dietary Patterns and Pregnancy Outcome. <i>Nutrients</i> , 2016 , 8,	6.7	59
160	G protein-coupled receptor 30 regulates trophoblast invasion and its deficiency is associated with preeclampsia. <i>Journal of Hypertension</i> , 2016 , 34, 710-8	1.9	23
159	Use of metabolomics for the identification and validation of clinical biomarkers for preterm birth: Preterm SAMBA. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 212	3.2	23
158	The relationship between 25-hydroxyvitamin D concentration in early pregnancy and pregnancy outcomes in a large, prospective cohort. <i>British Journal of Nutrition</i> , 2016 , 116, 1409-1415	3.6	47
157	Human placental growth hormone is increased in maternal serum at 20 weeks of gestation in pregnancies with large-for-gestational-age babies. <i>Growth Factors</i> , 2016 , 34, 203-209	1.6	7
156	The Placental Variant of Human Growth Hormone Reduces Maternal Insulin Sensitivity in a Dose-Dependent Manner in C57BL/6J Mice. <i>Endocrinology</i> , 2016 , 157, 1175-86	4.8	11
155	Imbalance between proliferation and apoptosis-related impaired GPR30 expression is involved in preeclampsia. <i>Cell and Tissue Research</i> , 2016 , 366, 499-508	4.2	17
154	Prevalence and predictors of alcohol use during pregnancy: findings from international multicentre cohort studies. <i>BMJ Open</i> , 2015 , 5, e006323	3	78
153	Pre-eclampsia Diagnosis and Treatment Options: A Review of Published Economic Assessments. <i>Pharmacoeconomics</i> , 2015 , 33, 1069-82	4.4	28
152	Excessive autophagy induces the failure of trophoblast invasion and vasculature: possible relevance to the pathogenesis of preeclampsia. <i>Journal of Hypertension</i> , 2015 , 33, 106-17	1.9	64
151	Potential targets for the treatment of preeclampsia. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 1517-30	6.4	22
150	N-acetylglucosaminyltransferase V inhibits the invasion of trophoblast cells by attenuating MMP2/9 activity in early human pregnancy. <i>Placenta</i> , 2015 , 36, 1291-9	3.4	24
149	Electron transfer dissociation of native peptides facilitates enhanced identification of urinary peptides. <i>International Journal of Mass Spectrometry</i> , 2015 , 391, 41-46	1.9	4

148	Sildenafil Therapy Normalizes the Aberrant Metabolomic Profile in the Comt(-/-) Mouse Model of Preeclampsia/Fetal Growth Restriction. <i>Scientific Reports</i> , 2015 , 5, 18241	4.9	18
147	Metabolite Profile of Cervicovaginal Fluids from Early Pregnancy Is Not Predictive of Spontaneous Preterm Birth. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27741-8	6.3	15
146	Mass spectrometry-based proteomics for pre-eclampsia and preterm birth. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 10952-85	6.3	25
145	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
144	Risk factors and birth outcomes of anaemia in early pregnancy in a nulliparous cohort. <i>PLoS ONE</i> , 2015 , 10, e0122729	3.7	18
143	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
142	STRIDER: Sildenafil Therapy In Dismal prognosis Early-onset intrauterine growth Restriction--a protocol for a systematic review with individual participant data and aggregate data meta-analysis and trial sequential analysis. <i>Systematic Reviews</i> , 2014 , 3, 23	3	86
141	Preeclampsia is associated with alterations in the p53-pathway in villous trophoblast. <i>PLoS ONE</i> , 2014 , 9, e87621	3.7	59
140	Early pregnancy metabolite profiling discovers a potential biomarker for the subsequent development of gestational diabetes mellitus. <i>Acta Diabetologica</i> , 2014 , 51, 887-90	3.9	48
139	Maternal selenium, copper and zinc concentrations in pregnancy associated with small-for-gestational-age infants. <i>Maternal and Child Nutrition</i> , 2014 , 10, 327-34	3.4	53
138	Therapeutic strategies for the prevention and treatment of pre-eclampsia and intrauterine growth restriction. <i>Obstetrics, Gynaecology and Reproductive Medicine</i> , 2013 , 23, 375-380	0.5	2
137	A multi-centre phase IIa clinical study of predictive testing for preeclampsia: improved pregnancy outcomes via early detection (IMPROVED). <i>BMC Pregnancy and Childbirth</i> , 2013 , 13, 226	3.2	23
136	Uterine vasculature remodeling in human pregnancy involves functional macrochimerism by endothelial colony forming cells of fetal origin. <i>Stem Cells</i> , 2013 , 31, 1363-70	5.8	18
135	Pregnancy loss managed by cervical dilatation and curettage increases the risk of spontaneous preterm birth. <i>Human Reproduction</i> , 2013 , 28, 3197-206	5.7	33
134	Endothelial colony-forming cells derived from pregnancies complicated by intrauterine growth restriction are fewer and have reduced vasculogenic capacity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4953-60	5.6	23
133	Integrated proteomics pipeline yields novel biomarkers for predicting preeclampsia. <i>Hypertension</i> , 2013 , 61, 1281-8	8.5	47
132	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
131	Association between maternal alcohol consumption in early pregnancy and pregnancy outcomes. <i>Obstetrics and Gynecology</i> , 2013 , 122, 830-837	4.9	50

130	Effects of resveratrol in pregnancy using murine models with reduced blood supply to the uterus. <i>PLoS ONE</i> , 2013 , 8, e64401	3.7	50
129	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
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