

# Lucilla Poston

## 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.

321 papers	18,973 citations	75 h-index	128 g-index
345 ext. papers	21,823 ext. citations	5.6 avg, IF	6.65 L-index

#	Paper	IF	Citations
3 <sup>21</sup>	Diet-induced obesity in female mice leads to offspring hyperphagia, adiposity, hypertension, and insulin resistance: a novel murine model of developmental programming. <i>Hypertension</i> , <b>2008</b> , 51, 383-92	8.5	685
3 <sup>20</sup>	Effect of antioxidants on the occurrence of pre-eclampsia in women at increased risk: a randomised trial. <i>Lancet, The</i> , <b>1999</b> , 354, 810-6	4.0	521
3 <sup>19</sup>	Preconceptional and maternal obesity: epidemiology and health consequences. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2016</b> , 4, 1025-1036	18.1	429
3 <sup>18</sup>	Effect of a behavioural intervention in obese pregnant women (the UPBEAT study): a multicentre, randomised controlled trial. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2015</b> , 3, 767-77	18.1	424
3 <sup>17</sup>	Developmental programming of the metabolic syndrome by maternal nutritional imbalance: how strong is the evidence from experimental models in mammals?. <i>Journal of Physiology</i> , <b>2004</b> , 561, 355-77	3.9	419
3 <sup>16</sup>	Placental-related diseases of pregnancy: Involvement of oxidative stress and implications in human evolution. <i>Human Reproduction Update</i> , <b>2006</b> , 12, 747-55	15.8	417
3 <sup>15</sup>	Before the beginning: nutrition and lifestyle in the preconception period and its importance for future health. <i>Lancet, The</i> , <b>2018</b> , 391, 1830-1841	4.0	399
3 <sup>14</sup>	Maternal high-fat feeding primes steatohepatitis in adult mice offspring, involving mitochondrial dysfunction and altered lipogenesis gene expression. <i>Hepatology</i> , <b>2009</b> , 50, 1796-808	11.2	322
3 <sup>13</sup>	Chronic hypertension and pregnancy outcomes: systematic review and meta-analysis. <i>BMJ, The</i> , <b>2014</b> , 348, g2301	5.9	318
3 <sup>12</sup>	Maternal diet-induced obesity alters mitochondrial activity and redox status in mouse oocytes and zygotes. <i>PLoS ONE</i> , <b>2010</b> , 5, e10074	3.7	316
3 <sup>11</sup>	Gender-linked hypertension in offspring of lard-fed pregnant rats. <i>Hypertension</i> , <b>2003</b> , 41, 168-75	8.5	307
3 <sup>10</sup>	Experimental models of developmental programming: consequences of exposure to an energy rich diet during development. <i>Journal of Physiology</i> , <b>2005</b> , 565, 3-8	3.9	288
3 <sup>09</sup>	Clinical risk prediction for pre-eclampsia in nulliparous women: development of model in international prospective cohort. <i>BMJ, The</i> , <b>2011</b> , 342, d1875	5.9	286
3 <sup>08</sup>	A longitudinal study of biochemical variables in women at risk of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>2002</b> , 187, 127-36	6.4	273
3 <sup>07</sup>	Maternal obesity induced by diet in rats permanently influences central processes regulating food intake in offspring. <i>PLoS ONE</i> , <b>2009</b> , 4, e5870	3.7	269
3 <sup>06</sup>	Adverse perinatal outcomes and risk factors for preeclampsia in women with chronic hypertension: a prospective study. <i>Hypertension</i> , <b>2008</b> , 51, 1002-9	8.5	247
3 <sup>05</sup>	Abnormal endothelial cell function of resistance arteries from women with preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>1993</b> , 168, 1323-30	6.4	239

304	Impaired glucose homeostasis and mitochondrial abnormalities in offspring of rats fed a fat-rich diet in pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R134-9	3.2	237
303	Maternal metabolism and obesity: modifiable determinants of pregnancy outcome. <i>Human Reproduction Update</i> , <b>2010</b> , 16, 255-75	15.8	236
302	Lifestyle interventions for overweight and obese pregnant women to improve pregnancy outcome: systematic review and meta-analysis. <i>BMC Medicine</i> , <b>2012</b> , 10, 47	11.4	233
301	Maternal obesity during pregnancy and lactation programs the development of offspring non-alcoholic fatty liver disease in mice. <i>Journal of Hepatology</i> , <b>2010</b> , 52, 913-20	13.4	225
300	Oxidative stress and preeclampsia: rationale for antioxidant clinical trials. <i>Hypertension</i> , <b>2004</b> , 44, 374-80	8.5	224
299	Dietary protein restriction in pregnancy induces hypertension and vascular defects in rat male offspring. <i>Pediatric Research</i> , <b>2003</b> , 54, 83-90	3.2	213
298	Predictive adaptive responses to maternal high-fat diet prevent endothelial dysfunction but not hypertension in adult rat offspring. <i>Circulation</i> , <b>2004</b> , 110, 1097-102	16.7	186
297	Folate supplementation during pregnancy improves offspring cardiovascular dysfunction induced by protein restriction. <i>Hypertension</i> , <b>2006</b> , 47, 982-7	8.5	177
296	Changing diet and physical activity to reduce gestational weight gain: a meta-analysis. <i>Obesity Reviews</i> , <b>2011</b> , 12, e602-20	10.6	176
295	Obesity in pregnancy: implications for the mother and lifelong health of the child. A consensus statement. <i>Pediatric Research</i> , <b>2011</b> , 69, 175-80	3.2	170
294	Flow-mediated vasodilatation is enhanced in normal pregnancy but reduced in preeclampsia. <i>Hypertension</i> , <b>1997</b> , 30, 247-51	8.5	166
293	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> , <b>2014</b> , 64, 644-52	8.5	165
292	The International Federation of Gynecology and Obstetrics (FIGO) recommendations on adolescent, preconception, and maternal nutrition: "Think Nutrition First". <i>International Journal of Gynecology and Obstetrics</i> , <b>2015</b> , 131 Suppl 4, S213-53	4	165
291	Obesity and mental disorders during pregnancy and postpartum: a systematic review and meta-analysis. <i>Obstetrics and Gynecology</i> , <b>2014</b> , 123, 857-67	4.9	165
290	Selenium in reproductive health. <i>American Journal of Obstetrics and Gynecology</i> , <b>2012</b> , 206, 21-30	6.4	164
289	Vitamin C and E supplementation in women at risk of preeclampsia is associated with changes in indices of oxidative stress and placental function. <i>American Journal of Obstetrics and Gynecology</i> , <b>2002</b> , 187, 777-84	6.4	156
288	Developmental programming of aortic and renal structure in offspring of rats fed fat-rich diets in pregnancy. <i>Journal of Physiology</i> , <b>2005</b> , 565, 171-84	3.9	143
287	Maternal obesity, gestational weight gain and diet as determinants of offspring long term health. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 26, 627-39	6.5	141

286	Dietary soy isoflavone induced increases in antioxidant and eNOS gene expression lead to improved endothelial function and reduced blood pressure in vivo. <i>FASEB Journal</i> , <b>2005</b> , 19, 1755-7	0.9	140
285	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , <b>2017</b> , 21, 1-158	4.4	136
284	Maternal food restriction in the second half of pregnancy affects vascular function but not blood pressure of rat female offspring. <i>British Journal of Nutrition</i> , <b>1999</b> , 81, 73-80	3.6	134
283	Role of oxidative stress and antioxidant supplementation in pregnancy disorders. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 1980S-1985S	7	133
282	Expression of cyclo-oxygenase types-1 and -2 in human myometrium throughout pregnancy. <i>Molecular Human Reproduction</i> , <b>1999</b> , 5, 880-4	4.4	133
281	Activation of nitric oxide synthase by beta 2-adrenoceptors in human umbilical vein endothelium in vitro. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1872-80	8.6	133
280	Bradykinin-mediated relaxation of isolated maternal resistance arteries in normal pregnancy and preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , <b>1996</b> , 175, 1668-74	6.4	132
279	Effect of endothelium-specific insulin resistance on endothelial function in vivo. <i>Diabetes</i> , <b>2008</b> , 57, 3307-14	6.4	131
278	Strategy for standardization of preeclampsia research study design. <i>Hypertension</i> , <b>2014</b> , 63, 1293-301	8.5	129
277	Early nutrition programming of long-term health. <i>Proceedings of the Nutrition Society</i> , <b>2012</b> , 71, 371-8	2.9	125
276	Mismatched pre- and postnatal nutrition leads to cardiovascular dysfunction and altered renal function in adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 9529-33	11.5	122
275	A prospective study of micronutrient status in adolescent pregnancy. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 1114-24	7	120
274	Diet-induced obesity in the rat: a model for gestational diabetes mellitus. <i>American Journal of Obstetrics and Gynecology</i> , <b>2004</b> , 190, 858-65	6.4	119
273	A randomised controlled trial of metronidazole for the prevention of preterm birth in women positive for cervicovaginal fetal fibronectin: the PREMETS Study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 113, 65-74	3.7	119
272	Human placental syncytiotrophoblast microvillous membranes impair maternal vascular endothelial function. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1997</b> , 104, 235-40	3.7	117
271	Urinary proteomics for prediction of preeclampsia. <i>Hypertension</i> , <b>2011</b> , 57, 561-9	8.5	114
270	Endothelium-dependent relaxation and noradrenaline sensitivity in mesenteric resistance arteries of streptozotocin-induced diabetic rats. <i>British Journal of Pharmacology</i> , <b>1992</b> , 107, 393-9	8.6	108
269	Evidence for sympathetic origins of hypertension in juvenile offspring of obese rats. <i>Hypertension</i> , <b>2010</b> , 55, 76-82	8.5	106

268	A prospective cohort study investigating associations between hyperemesis gravidarum and cognitive, behavioural and emotional well-being in pregnancy. <i>PLoS ONE</i> , <b>2011</b> , 6, e27678	3.7	101
267	Gestational Diabetes Mellitus and Diet: A Systematic Review and Meta-analysis of Randomized Controlled Trials Examining the Impact of Modified Dietary Interventions on Maternal Glucose Control and Neonatal Birth Weight. <i>Diabetes Care</i> , <b>2018</b> , 41, 1346-1361	14.6	100
266	A validation of the Mobil O Graph (version 12) ambulatory blood pressure monitor. <i>Blood Pressure Monitoring</i> , <b>2000</b> , 5, 233-8	1.3	100
265	Developing a complex intervention for diet and activity behaviour change in obese pregnant women (the UPBEAT trial); assessment of behavioural change and process evaluation in a pilot randomised controlled trial. <i>BMC Pregnancy and Childbirth</i> , <b>2013</b> , 13, 148	3.2	97
264	Angiogenic factors combined with clinical risk factors to predict preterm pre-eclampsia in nulliparous women: a predictive test accuracy study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2013</b> , 120, 1215-23	3.7	96
263	Maternal obesity programs offspring nonalcoholic fatty liver disease by innate immune dysfunction in mice. <i>Hepatology</i> , <b>2013</b> , 58, 128-38	11.2	96
262	Nutrition During Pregnancy, Lactation and Early Childhood and its Implications for Maternal and Long-Term Child Health: The Early Nutrition Project Recommendations. <i>Annals of Nutrition and Metabolism</i> , <b>2019</b> , 74, 93-106	4.5	94
261	Transmission of raised blood pressure and endothelial dysfunction to the F2 generation induced by maternal protein restriction in the F0, in the absence of dietary challenge in the F1 generation. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 760-6	3.6	93
260	Pregnancy and Long-Term Maternal Cardiovascular Health: Progress Through Harmonization of Research Cohorts and Biobanks. <i>Hypertension</i> , <b>2016</b> , 67, 251-60	8.5	92
259	Diagnostic and predictive biomarkers for pre-eclampsia in patients with established hypertension and chronic kidney disease. <i>Kidney International</i> , <b>2016</b> , 89, 874-85	9.9	91
258	Maternal protein restriction in the rat impairs resistance artery but not conduit artery function in pregnant offspring. <i>Journal of Physiology</i> , <b>2003</b> , 547, 77-84	3.9	91
257	Effects of pH on vascular tension: which are the important mechanisms?. <i>Journal of Vascular Research</i> , <b>1996</b> , 33, 347-59	1.9	87
256	Risk factors for excessive gestational weight gain in a healthy, nulliparous cohort. <i>Journal of Obesity</i> , <b>2014</b> , 2014, 148391	3.7	84
255	A prospective study of pregnancy outcome and biomarkers of oxidative stress in nulliparous obese women. <i>American Journal of Obstetrics and Gynecology</i> , <b>2009</b> , 200, 395.e1-9	6.4	83
254	The effect of hyperglycaemia on function of rat isolated mesenteric resistance artery. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 801-8	8.6	83
253	Dietary interventions in overweight and obese pregnant women: a systematic review of the content, delivery, and outcomes of randomized controlled trials. <i>Nutrition Reviews</i> , <b>2016</b> , 74, 312-28	6.4	82
252	Maternal and paternal body mass index and offspring obesity: a systematic review. <i>Annals of Nutrition and Metabolism</i> , <b>2013</b> , 63, 32-41	4.5	81
251	Altered skeletal muscle insulin signaling and mitochondrial complex II-III linked activity in adult offspring of obese mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R675-81	3.2	81

250	Micronutrients in pregnancy: current knowledge and unresolved questions. <i>Clinical Nutrition</i> , <b>2011</b> , 30, 689-701	5.9	79
249	Interleukin-1beta induces calcium transients and enhances basal and store operated calcium entry in human myometrial smooth muscle. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 1842-9	3.9	79
248	Prevalence and predictors of alcohol use during pregnancy: findings from international multicentre cohort studies. <i>BMJ Open</i> , <b>2015</b> , 5, e006323	3	78
247	Recurrence of hypertensive disorders of pregnancy: an individual patient data metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 212, 624.e1-17	6.4	78
246	Nitric oxide is involved in flow-induced dilation of isolated human small fetoplacental arteries. <i>American Journal of Obstetrics and Gynecology</i> , <b>1996</b> , 174, 583-8	6.4	73
245	Nitric oxide synthase activities in placental tissue from normotensive, pre-eclamptic and growth retarded pregnancies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1995</b> , 102, 711-4	3.7	72
244	Prevention by insulin treatment of endothelial dysfunction but not enhanced noradrenaline-induced contractility in mesenteric resistance arteries from streptozotocin-induced diabetic rats. <i>British Journal of Pharmacology</i> , <b>1994</b> , 111, 35-41	8.6	72
243	Associations of Maternal Vitamin B12 Concentration in Pregnancy With the Risks of Preterm Birth and Low Birth Weight: A Systematic Review and Meta-Analysis of Individual Participant Data. <i>American Journal of Epidemiology</i> , <b>2017</b> , 185, 212-223	3.8	68
242	Nutritional interventions or exposures in infants and children aged up to 3 years and their effects on subsequent risk of overweight, obesity and body fat: a systematic review of systematic reviews. <i>Obesity Reviews</i> , <b>2016</b> , 17, 1245-1257	10.6	68
241	Change in level of physical activity during pregnancy in obese women: findings from the UPBEAT pilot trial. <i>BMC Pregnancy and Childbirth</i> , <b>2015</b> , 15, 52	3.2	67
240	Developmental programming and diabetes - The human experience and insight from animal models. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 24, 541-52	6.5	67
239	No global consensus: a cross-sectional survey of maternal weight policies. <i>BMC Pregnancy and Childbirth</i> , <b>2014</b> , 14, 167	3.2	66
238	Infant adiposity following a randomised controlled trial of a behavioural intervention in obese pregnancy. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1018-1026	5.5	65
237	Ascorbate prevents placental oxidative stress and enhances birth weight in hypoxic pregnancy in rats. <i>Journal of Physiology</i> , <b>2012</b> , 590, 1377-87	3.9	65
236	A complex intervention to improve pregnancy outcome in obese women; the UPBEAT randomised controlled trial. <i>BMC Pregnancy and Childbirth</i> , <b>2014</b> , 14, 74	3.2	63
235	Reporting errors, incidence and risk factors for postpartum haemorrhage and progression to severe PPH: a prospective observational study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2014</b> , 121, 876-88	3.7	63
234	Association of gestational diabetes with abnormal maternal vascular endothelial function. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1997</b> , 104, 229-34	3.7	63
233	Functional characteristics of small placental arteries. <i>American Journal of Obstetrics and Gynecology</i> , <b>1994</b> , 170, 945-51	6.4	63

232	Maternal obesity and the developmental programming of hypertension: a role for leptin. <i>Acta Physiologica</i> , <b>2014</b> , 210, 508-23	5.6	62
231	Gestational diabetes: opportunities for improving maternal and child health. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 793-800	18.1	62
230	Role of nitric oxide in the regulation of vascular tone in pressurized and perfused resistance myometrial arteries from term pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , <b>1997</b> , 177, 1263-9	6.4	61
229	Gestational weight gain: influences on the long-term health of the child. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2012</b> , 15, 252-7	3.8	59
228	Effect of nutritional restriction in early pregnancy on isolated femoral artery function in mid-gestation fetal sheep. <i>Journal of Physiology</i> , <b>2003</b> , 553, 637-47	3.9	59
227	Preeclampsia is associated with altered Ca <sup>2+</sup> regulation and NO production in human fetal venous endothelial cells. <i>FASEB Journal</i> , <b>2002</b> , 16, 721-3	0.9	59
226	Vasodilation to vascular endothelial growth factor in the uterine artery of the pregnant rat is blunted by low dietary protein intake. <i>Pediatric Research</i> , <b>2002</b> , 51, 485-91	3.2	56
225	Effects of undernutrition in early pregnancy on systemic small artery function in late-gestation fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , <b>2000</b> , 183, 1301-7	6.4	56
224	Respiratory outcomes in early childhood following antenatal vitamin C and E supplementation. <i>Thorax</i> , <b>2010</b> , 65, 998-1003	7.3	55
223	In utero exposure to maternal obesity and diabetes: animal models that identify and characterize implications for future health. <i>Clinics in Perinatology</i> , <b>2007</b> , 34, 515-26, v	2.8	55
222	Small artery endothelial dysfunction in postmenopausal women: in vitro function, morphology, and modification by estrogen and selective estrogen receptor modulators. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 6113-22	5.6	55
221	Metabolic syndrome in pregnancy and risk for adverse pregnancy outcomes: A prospective cohort of nulliparous women. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002710	11.6	55
220	Maternal marijuana use has independent effects on risk for spontaneous preterm birth but not other common late pregnancy complications. <i>Reproductive Toxicology</i> , <b>2016</b> , 62, 77-86	3.4	54
219	Metabolic profiling of gestational diabetes in obese women during pregnancy. <i>Diabetologia</i> , <b>2017</b> , 60, 1903-1912	10.3	54
218	Leptin and preeclampsia. <i>Seminars in Reproductive Medicine</i> , <b>2002</b> , 20, 131-8	1.4	54
217	Oxidative stress and lipids in diabetes: a role in endothelium vasodilator dysfunction?. <i>Vascular Medicine</i> , <b>1996</b> , 1, 195-206	3.3	54
216	Endothelial function in the isolated perfused mesentery and aortae of rats with streptozotocin-induced diabetes: effect of treatment with the aldose reductase inhibitor, ponalrestat. <i>British Journal of Pharmacology</i> , <b>1994</b> , 111, 42-8	8.6	54
215	Maternal selenium, copper and zinc concentrations in pregnancy associated with small-for-gestational-age infants. <i>Maternal and Child Nutrition</i> , <b>2014</b> , 10, 327-34	3.4	53

214	Association between maternal alcohol consumption in early pregnancy and pregnancy outcomes. <i>Obstetrics and Gynecology</i> , <b>2013</b> , 122, 830-837	4.9	50
213	Sucrose feeding in mouse pregnancy leads to hypertension, and sex-linked obesity and insulin resistance in female offspring. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 14	4.6	50
212	Endothelium-dependent relaxation of human resistance arteries in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , <b>1994</b> , 171, 1309-15	6.4	49
211	Maternal obesity programmes offspring development of non-alcoholic fatty pancreas disease. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 394, 24-8	3.4	45
210	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 991-1012	3.8	44
209	Effect of nimesulide and indomethacin on contractility and the Ca <sup>2+</sup> channel current in myometrial smooth muscle from pregnant women. <i>British Journal of Pharmacology</i> , <b>1998</b> , 125, 1212-7	8.6	44
208	Second-trimester maternal distress increases the risk of small for gestational age. <i>Psychological Medicine</i> , <b>2014</b> , 44, 2799-810	6.9	42
207	Intergenerational transmission of insulin resistance and type 2 diabetes. <i>Progress in Biophysics and Molecular Biology</i> , <b>2011</b> , 106, 315-22	4.7	42
206	Early Antenatal Prediction of Gestational Diabetes in Obese Women: Development of Prediction Tools for Targeted Intervention. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167846	3.7	41
205	Fostering in mice induces cardiovascular and metabolic dysfunction in adulthood. <i>Journal of Physiology</i> , <b>2011</b> , 589, 3969-81	3.9	40
204	Maternal obesity programs offspring non-alcoholic fatty liver disease through disruption of 24-h rhythms in mice. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1339-48	5.5	39
203	Prediction of pre-eclampsia: review of reviews. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 54, 16-27	5.8	39
202	Effects of pre- and periconceptional undernutrition on arterial function in adult female sheep are vascular bed dependent. <i>Experimental Physiology</i> , <b>2009</b> , 94, 1024-33	2.4	38
201	Effect of NG-monomethyl-L-arginine on endothelium-dependent relaxation of human subcutaneous resistance arteries. <i>Clinical Science</i> , <b>1990</b> , 79, 273-8	6.5	38
200	Prenatal stress in the rat results in increased blood pressure responsiveness to stress and enhanced arterial reactivity to neuropeptide Y in adulthood. <i>Journal of Physiology</i> , <b>2007</b> , 582, 665-74	3.9	37
199	Normal expression of tissue factor, thrombomodulin, and annexin V in placentas from women with antiphospholipid syndrome. <i>American Journal of Obstetrics and Gynecology</i> , <b>1999</b> , 181, 180-9	6.4	37
198	Association between maternal micronutrient status, oxidative stress, and common genetic variants in antioxidant enzymes at 15 weeks? gestation in nulliparous women who subsequently develop preeclampsia. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 78, 147-55	7.8	36
197	Experimental hyperleptinemia in neonatal rats leads to selective leptin responsiveness, hypertension, and altered myocardial function. <i>Hypertension</i> , <b>2013</b> , 62, 627-33	8.5	36

196	Myogenic and flow-mediated responses in isolated mesenteric small arteries from pregnant and nonpregnant rats. <i>American Journal of Obstetrics and Gynecology</i> , <b>1996</b> , 174, 1631-6	6.4	36
195	Previous pregnancy loss has an adverse impact on distress and behaviour in subsequent pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2015</b> , 122, 1757-64	3.7	34
194	Determining the consequences of maternal obesity for offspring health. <i>Experimental Physiology</i> , <b>2015</b> , 100, 1421-8	2.4	34
193	Diet-induced obesity in mice reduces placental efficiency and inhibits placental mTOR signaling. <i>Physiological Reports</i> , <b>2014</b> , 2, e00242	2.6	34
192	Paternal contribution to small for gestational age babies: a multicenter prospective study. <i>Obesity</i> , <b>2011</b> , 19, 1035-9	8	34
191	Fetal sex-specific differences in gestational age at delivery in pre-eclampsia: a meta-analysis. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 632-642	7.8	34
190	Lifestyle Interventions in Overweight and Obese Pregnant or Postpartum Women for Postpartum Weight Management: A Systematic Review of the Literature. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	34
189	Pregnancy loss managed by cervical dilatation and curettage increases the risk of spontaneous preterm birth. <i>Human Reproduction</i> , <b>2013</b> , 28, 3197-206	5.7	33
188	Endogenous sodium pump inhibitors: a role in essential hypertension?. <i>Clinical Science</i> , <b>1987</b> , 72, 647-55	6.5	33
187	Pregnancy outcome in women with chronic kidney disease: a prospective cohort study. <i>Reproductive Sciences</i> , <b>2011</b> , 18, 623-30	3	32
186	Preeclampsia inactivates glucose-6-phosphate dehydrogenase and impairs the redox status of erythrocytes and fetal endothelial cells. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 42, 1781-90	7.8	32
185	A novel family of S-nitrosothiols: chemical synthesis and biological actions. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2000</b> , 4, 550-60	5	32
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182	Exploration and confirmation of factors associated with uncomplicated pregnancy in nulliparous women: prospective cohort study. <i>BMJ, The</i> , <b>2013</b> , 347, f6398	5.9	31
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179	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. <i>Nature Communications</i> , <b>2020</b> , 11, 5976	17.4	30

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177	The oestrogen receptor beta contributes to sex related differences in endothelial function of murine small arteries via EDHF. <i>Journal of Physiology</i> , <b>2006</b> , 577, 945-55	3.9	30
176	Glutathione S-transferase and liver function in intrahepatic cholestasis of pregnancy and pruritus gravidarum. <i>Hepatology</i> , <b>2004</b> , 40, 1406-14	11.2	30
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166	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> , <b>2017</b> , 12, e0169311	3.7	27
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48	Longitudinal analysis of serum insulin-like growth factor-I and insulin-like growth factor binding protein-1 in antiphospholipid syndrome and in healthy pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , <b>2003</b> , 189, 274-9	6.4	3
47	Prediction of preeclampsia risk in first time pregnant women: Metabolite biomarkers for a clinical test. <i>PLoS ONE</i> , <b>2020</b> , 15, e0244369	3.7	3
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45	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> , <b>2020</b> , 147, 105058	2.2	2
44	PREPARE: protocol for a stepped wedge trial to evaluate whether a risk stratification model can reduce preterm deliveries among women with suspected or confirmed preterm pre-eclampsia. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 343	3.2	2
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40	Long-term consequences of maternal obesity and gestational weight gain for offspring obesity and cardiovascular risk: intrauterine or shared familial mechanisms?87-99		2
39	Interventional strategies to improve outcome in obese pregnancies: insulin resistance and gestational diabetes179-198		2
38	Maternal outcomes in obese pregnancies35-44		2
37	Influences of maternal obesity on the health of the offspring: a review of animal models100-114		2
36	Meeting of the British Microcirculation Society. <i>Journal of Vascular Research</i> , <b>2001</b> , 38, 398-412	1.9	2
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27	Exploration and confirmation of factors associated with uncomplicated pregnancy in nulliparous women: prospective cohort study. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 136	10.3	1
26	Obesity and fertility20-34		1
25	Determinants of obesity8-19		1
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5	Maternal diet and nutritional status and risk of obesity in the child: the role of epigenetic mechanisms	135-150	
4	Lifestyle information and access to a commercial weight management group to promote maternal postnatal weight management and positive lifestyle behaviour: the SWAN feasibility RCT. <i>Public Health Research</i> , <b>2020</b> , 8, 1-176	1.7	
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