

Gernot Desoye

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.

217
papers

7,189
citations

47
h-index

74
g-index

237
ext. papers

8,478
ext. citations

5.3
avg, IF

6.01
L-index

#	Paper	IF	Citations
217	Gestational diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 47	51.1	308
216	Kisspeptin-10, a KiSS-1/metastin-derived decapeptide, is a physiological invasion inhibitor of primary human trophoblasts. <i>Journal of Cell Science</i> , 2004 , 117, 1319-28	5.3	284
215	Hypoxia favours necrotic versus apoptotic shedding of placental syncytiotrophoblast into the maternal circulation. <i>Placenta</i> , 2003 , 24, 181-90	3.4	238
214	The human placenta in gestational diabetes mellitus. The insulin and cytokine network. <i>Diabetes Care</i> , 2007 , 30 Suppl 2, S120-6	14.6	235
213	The role of oxidative stress in the pathophysiology of gestational diabetes mellitus. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 3061-100	8.4	226
212	Insulin and the IGF system in the human placenta of normal and diabetic pregnancies. <i>Journal of Anatomy</i> , 2009 , 215, 60-8	2.9	147
211	Heterogeneity of microvascular endothelial cells isolated from human term placenta and macrovascular umbilical vein endothelial cells. <i>European Journal of Cell Biology</i> , 2003 , 82, 163-73	6.1	142
210	Defective insulin signaling in placenta from pregnancies complicated by gestational diabetes mellitus. <i>European Journal of Endocrinology</i> , 2009 , 160, 567-78	6.5	139
209	Human endothelial cells of the placental barrier efficiently deliver cholesterol to the fetal circulation via ABCA1 and ABCG1. <i>Circulation Research</i> , 2009 , 104, 600-8	15.7	129
208	The placenta and gestational diabetes mellitus. <i>Current Diabetes Reports</i> , 2012 , 12, 16-23	5.6	99
207	Effect of Physical Activity and/or Healthy Eating on GDM Risk: The DALI Lifestyle Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 903-913	5.6	97
206	The fetal glucose steal: an underappreciated phenomenon in diabetic pregnancy. <i>Diabetologia</i> , 2016 , 59, 1089-94	10.3	96
205	Identification of novel trophoblast invasion-related genes: heme oxygenase-1 controls motility via peroxisome proliferator-activated receptor gamma. <i>Endocrinology</i> , 2009 , 150, 1000-13	4.8	93
204	Kisspeptins and the placenta: regulation of trophoblast invasion. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2007 , 8, 31-9	10.5	91
203	Epidemiology of gestational diabetes mellitus according to IADPSG/WHO 2013 criteria among obese pregnant women in Europe. <i>Diabetologia</i> , 2017 , 60, 1913-1921	10.3	88
202	Dysregulation of placental endothelial lipase and lipoprotein lipase in intrauterine growth-restricted pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2256-63	5.6	88
201	Sustained hyperglycemia in vitro down-regulates the GLUT1 glucose transport system of cultured human term placental trophoblast: a mechanism to protect fetal development?. <i>FASEB Journal</i> , 1998 , 12, 1221-31	0.9	86

200	Epigenetic regulation of human placental function and pregnancy outcome: considerations for causal inference. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, S182-96	6.4	82
199	Selective cholesteryl ester uptake from high density lipoprotein by human first trimester and term villous trophoblast cells. <i>Placenta</i> , 2003 , 24, 131-43	3.4	80
198	Human fetal placental endothelial cells have a mature arterial and a juvenile venous phenotype with adipogenic and osteogenic differentiation potential. <i>Differentiation</i> , 2008 , 76, 1031-43	3.5	78
197	Results From a European Multicenter Randomized Trial of Physical Activity and/or Healthy Eating to Reduce the Risk of Gestational Diabetes Mellitus: The DALI Lifestyle Pilot. <i>Diabetes Care</i> , 2015 , 38, 1650-6	14.6	77
196	Placental metabolism and its regulation in health and diabetes. <i>Molecular Aspects of Medicine</i> , 1994 , 15, 505-682	16.7	77
195	Maternal and fetal lipid metabolism under normal and gestational diabetic conditions. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 26, 109-27	1.3	75
194	Placental transport in pregnancy pathologies. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1896S-1907S		74
193	DALI: Vitamin D and lifestyle intervention for gestational diabetes mellitus (GDM) prevention: an European multicentre, randomised trial - study protocol. <i>BMC Pregnancy and Childbirth</i> , 2013 , 13, 142	3.2	73
192	Insulin control of placental gene expression shifts from mother to foetus over the course of pregnancy. <i>Diabetologia</i> , 2006 , 49, 123-31	10.3	72
191	Dysregulation of placental endothelial lipase in obese women with gestational diabetes mellitus. <i>Diabetes</i> , 2011 , 60, 2457-64	0.9	71
190	Fluctuations of plasma lipoprotein-A concentrations during pregnancy and post partum. <i>Metabolism: Clinical and Experimental</i> , 1986 , 35, 333-6	12.7	71
189	The human placental sexome differs between trophoblast epithelium and villous vessel endothelium. <i>PLoS ONE</i> , 2013 , 8, e79233	3.7	68
188	The influence of placental metabolism on fatty acid transfer to the fetus. <i>Journal of Lipid Research</i> , 2017 , 58, 443-454	6.3	64
187	Intrauterine growth restriction is associated with alterations in placental lipoprotein receptors and maternal lipoprotein composition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E476-84	6	64
186	The first trimester human trophoblast cell line ACH-3P: a novel tool to study autocrine/paracrine regulatory loops of human trophoblast subpopulations--TNF-alpha stimulates MMP15 expression. <i>BMC Developmental Biology</i> , 2007 , 7, 137	3.1	62
185	Location of cell cycle regulators cyclin B1, cyclin A, PCNA, Ki67 and cell cycle inhibitors p21, p27 and p57 in human first trimester placenta and deciduas. <i>Histochemistry and Cell Biology</i> , 2006 , 125, 615-24	2.4	61
184	Hyperglycaemia in vitro alters the proliferation and mitochondrial activity of the choriocarcinoma cell lines BeWo, JAR and JEG-3 as models for human first-trimester trophoblast. <i>Diabetologia</i> , 2001 , 44, 209-19	10.3	59
183	Immunohistochemical evidence for the heterogeneity of maternal and fetal vascular endothelial cells in human full-term placenta. <i>Cell and Tissue Research</i> , 1993 , 274, 211-8	4.2	58

182	Normalizing DNA microarray data. <i>Current Issues in Molecular Biology</i> , 2002 , 4, 57-64	2.9	58
181	The placental exposome: placental determinants of fetal adiposity and postnatal body composition. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 208-15	4.5	56
180	Location of insulin receptors in the placenta and its progenitor tissues. <i>Microscopy Research and Technique</i> , 1997 , 38, 63-75	2.8	54
179	Human Placental Hofbauer Cells Maintain an Anti-inflammatory M2 Phenotype despite the Presence of Gestational Diabetes Mellitus. <i>Frontiers in Immunology</i> , 2017 , 8, 888	8.4	52
178	Amnion-derived mesenchymal stromal cells show angiogenic properties but resist differentiation into mature endothelial cells. <i>Stem Cells and Development</i> , 2012 , 21, 1309-20	4.4	52
177	Serum-dependent effects of IGF-I and insulin on proliferation and invasion of human first trimester trophoblast cell models. <i>Histochemistry and Cell Biology</i> , 2002 , 117, 391-9	2.4	52
176	Myeloperoxidase-dependent generation of hypochlorite-modified proteins in human placental tissues during normal pregnancy. <i>Laboratory Investigation</i> , 2001 , 81, 543-54	5.9	52
175	Glucose transporter expression in rat embryo and uterus during decidualization, implantation, and early postimplantation. <i>Biology of Reproduction</i> , 2001 , 65, 1364-70	3.9	51
174	Maternal obesity modulates intracellular lipid turnover in the human term placenta. <i>International Journal of Obesity</i> , 2017 , 41, 317-323	5.5	50
173	Insulin and glucose do not affect the glycogen content in isolated and cultured trophoblast cells of human term placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 73, 888-93	5.6	50
172	IADPSG and WHO 2013 Gestational Diabetes Mellitus Criteria Identify Obese Women With Marked Insulin Resistance in Early Pregnancy. <i>Diabetes Care</i> , 2016 , 39, e90-2	14.6	50
171	MT1-MMP expression in first-trimester placental tissue is upregulated in type 1 diabetes as a result of elevated insulin and tumor necrosis factor-alpha levels. <i>Diabetes</i> , 2008 , 57, 150-7	0.9	47
170	A proposal for the use of uniform diagnostic criteria for gestational diabetes in Europe: an opinion paper by the European Board & College of Obstetrics and Gynaecology (EBCOG). <i>Diabetologia</i> , 2015 , 58, 1422-9	10.3	45
169	Caspases rather than calpains mediate remodelling of the fodrin skeleton during human placental trophoblast fusion. <i>Cell Death and Differentiation</i> , 2010 , 17, 336-45	12.7	45
168	The soluble pool of HLA-G produced by human trophoblasts does not include detectable levels of the intron 4-containing HLA-G5 and HLA-G6 isoforms. <i>Molecular Human Reproduction</i> , 2005 , 11, 699-710	4.4	45
167	Differential mitogenic responses of human macrovascular and microvascular endothelial cells to cytokines underline their phenotypic heterogeneity. <i>Cell Proliferation</i> , 2001 , 34, 143-55	7.9	45
166	TNF- α alters the inflammatory secretion profile of human first trimester placenta. <i>Laboratory Investigation</i> , 2016 , 96, 428-38	5.9	44
165	Hyperinsulinemia stimulates angiogenesis of human fetoplacental endothelial cells: a possible role of insulin in placental hypervascularization in diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1438-47	5.6	43

164	Fetal insulin and IGF-II contribute to gestational diabetes mellitus (GDM)-associated up-regulation of membrane-type matrix metalloproteinase 1 (MT1-MMP) in the human fetoplacental endothelium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3613-21	5.6	43
163	Glucose as a fetal nutrient: dynamic regulation of several glucose transporter genes by DNA methylation in the human placenta across gestation. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 282-8	6.3	41
162	Trophoblast-like human choriocarcinoma cells serve as a suitable in vitro model for selective cholesteryl ester uptake from high density lipoproteins. <i>FEBS Journal</i> , 2003 , 270, 451-62		41
161	Distinct composition of human fetal HDL attenuates its anti-oxidative capacity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 737-46	5	40
160	Are endometrial carcinoma cells disseminated at hysteroscopy functionally viable?. <i>Gynecologic Oncology</i> , 2001 , 83, 221-6	4.9	40
159	Placental Lipid and Fatty Acid Transfer in Maternal Overnutrition. <i>Annals of Nutrition and Metabolism</i> , 2017 , 70, 228-231	4.5	39
158	The Human Placenta in Diabetes and Obesity: Friend or Foe? The 2017 Norbert Freinkel Award Lecture. <i>Diabetes Care</i> , 2018 , 41, 1362-1369	14.6	39
157	Glucose, insulin, and oxygen interplay in placental hypervascularisation in diabetes mellitus. <i>BioMed Research International</i> , 2014 , 2014, 145846	3	39
156	Acyl chain-dependent effect of lysophosphatidylcholine on endothelial prostacyclin production. <i>Journal of Lipid Research</i> , 2010 , 51, 2957-66	6.3	39
155	Novel homeobox genes are differentially expressed in placental microvascular endothelial cells compared with macrovascular cells. <i>Placenta</i> , 2008 , 29, 624-30	3.4	36
154	Insulin action on the human placental endothelium in normal and diabetic pregnancy. <i>Current Vascular Pharmacology</i> , 2009 , 7, 460-6	3.3	35
153	Localisation of the high affinity facilitative glucose transporter protein GLUT 1 in the placenta of human, marmoset monkey (<i>Callithrix jacchus</i>) and rat at different developmental stages. <i>Cell and Tissue Research</i> , 1995 , 280, 49-57	4.2	35
152	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction. <i>Journal of Physiology</i> , 2015 , 593, 3077-92	3.9	34
151	Localisation of the high affinity facilitative glucose transporter protein GLUT 1 in the placenta of human, marmoset monkey (<i>Callithrix jacchus</i>) and rat at different developmental stages. <i>Cell and Tissue Research</i> , 1995 , 280, 49-57	4.2	34
150	Placental fatty acid transport in maternal obesity. <i>Journal of Developmental Origins of Health and Disease</i> , 2012 , 3, 409-14	2.4	32
149	The fetoplacental dialogue and diabetes. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2015 , 29, 15-23	4.6	31
148	Human trophoblast cells express the immunomodulator progesterone-induced blocking factor. <i>Journal of Reproductive Immunology</i> , 2008 , 79, 26-36	4.2	31
147	Ultrastructural localization of insulin receptors in human placenta. <i>American Journal of Reproductive Immunology</i> , 1993 , 30, 136-45	3.8	31

146	A reduction in sedentary behaviour in obese women during pregnancy reduces neonatal adiposity: the DALI randomised controlled trial. <i>Diabetologia</i> , 2019 , 62, 915-925	10.3	29
145	Variable promoter methylation contributes to differential expression of key genes in human placenta-derived venous and arterial endothelial cells. <i>BMC Genomics</i> , 2013 , 14, 475	4.5	29
144	Evidence of human milk oligosaccharides in maternal circulation already during pregnancy: a pilot study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E347-E357	6	29
143	Placental fatty acid transfer. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018 , 21, 78-82	3.8	29
142	Gestational diabetes mellitus modulates neonatal high-density lipoprotein composition and its functional heterogeneity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 1619-27	5	28
141	Hyperglycemia regulates the glucose-transport system of clonal choriocarcinoma cells in vitro. A potential molecular mechanism contributing to the adjunct effect of glucose in tumor therapy. <i>International Journal of Cancer</i> , 1998 , 78, 353-60	7.5	28
140	Associations between maternal physical activity in early and late pregnancy and offspring birth size: remote federated individual level meta-analysis from eight cohort studies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019 , 126, 459-470	3.7	28
139	Gestational diabetes alters microRNA signatures in human feto-placental endothelial cells depending on fetal sex. <i>Clinical Science</i> , 2018 , 132, 2437-2449	6.5	28
138	Do glucose transporters have other roles in addition to placental glucose transport during early pregnancy?. <i>Histochemistry and Cell Biology</i> , 2005 , 123, 621-9	2.4	27
137	Diabetes in pregnancy and epigenetic mechanisms-how the first 9 months from conception might affect the child's epigenome and later risk of disease. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 796-806	18.1	26
136	Oxygen modulates the response of first-trimester trophoblasts to hyperglycemia. <i>American Journal of Pathology</i> , 2012 , 180, 153-64	5.8	26
135	Endothelial lipase (EL) and EL-generated lysophosphatidylcholines promote IL-8 expression in endothelial cells. <i>Atherosclerosis</i> , 2011 , 214, 338-44	3.1	26
134	Regulation of placental growth hormone secretion in a human trophoblast model--the effects of hormones and adipokines. <i>Pediatric Research</i> , 2008 , 63, 353-7	3.2	25
133	Physical activity, depressed mood and pregnancy worries in European obese pregnant women: results from the DALI study. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 158	3.2	24
132	Phospholipid transfer protein is differentially expressed in human arterial and venous placental endothelial cells and enhances cholesterol efflux to fetal HDL. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 2466-74	5.6	24
131	The effect of docosahexaenoic acid and folic acid supplementation on placental apoptosis and proliferation. <i>British Journal of Nutrition</i> , 2006 , 96, 182-90	3.6	24
130	Sustained hypoglycemia affects glucose transporter expression of human blood leukocytes. <i>Blood Cells, Molecules, and Diseases</i> , 2002 , 28, 152-9	2.1	24
129	Glycogen distribution in the capillaries of the placental villus in normal, overt and gestational diabetic pregnancy. <i>Placenta</i> , 1993 , 14, 505-17	3.4	24

128	Immunohistochemical evidence of p53 protein in human placenta and choriocarcinoma cell lines. <i>Human Reproduction</i> , 1995 , 10, 983-8	5.7	24
127	GDM Alters Expression of Placental Estrogen Receptor α in a Cell Type and Gender-Specific Manner. <i>Reproductive Sciences</i> , 2015 , 22, 1488-95	3	23
126	Cord blood chemerin: differential effects of gestational diabetes mellitus and maternal obesity. <i>Clinical Endocrinology</i> , 2014 , 80, 65-72	3.4	23
125	Acyl chain-dependent effect of lysophosphatidylcholine on endothelium-dependent vasorelaxation. <i>PLoS ONE</i> , 2013 , 8, e65155	3.7	23
124	Beliefs, Barriers, and Preferences of European Overweight Women to Adopt a Healthier Lifestyle in Pregnancy to Minimize Risk of Developing Gestational Diabetes Mellitus: An Explorative Study. <i>Journal of Pregnancy</i> , 2016 , 2016, 3435791	2.5	23
123	IGF2 stimulates fetal growth in a sex- and organ-dependent manner. <i>Pediatric Research</i> , 2018 , 83, 183-189	3.2	22
122	Pigment epithelium-derived factor (PEDF): a novel trophoblast-derived factor limiting fetoplacental angiogenesis in late pregnancy. <i>Angiogenesis</i> , 2016 , 19, 373-88	10.6	22
121	Placental membrane-type metalloproteinases (MT-MMPs): Key players in pregnancy. <i>Cell Adhesion and Migration</i> , 2016 , 10, 136-46	3.2	22
120	Complex expression changes of the placental endothelin system in early and late onset preeclampsia, fetal growth restriction and gestational diabetes. <i>Life Sciences</i> , 2012 , 91, 710-5	6.8	22
119	A simple method for comparing immunogold distributions in two or more experimental groups illustrated using GLUT1 labelling of isolated trophoblast cells. <i>Placenta</i> , 2004 , 25, 580-4	3.4	22
118	Gestational diabetes mellitus upregulates vitamin D receptor in extravillous trophoblasts and fetoplacental endothelial cells. <i>Reproductive Sciences</i> , 2015 , 22, 358-66	3	21
117	Human fetoplacental arterial and venous endothelial cells are differentially programmed by gestational diabetes mellitus, resulting in cell-specific barrier function changes. <i>Diabetologia</i> , 2018 , 61, 2398-2411	10.3	21
116	Diabesity-associated oxidative and inflammatory stress signalling in the early human placenta. <i>Molecular Aspects of Medicine</i> , 2019 , 66, 21-30	16.7	21
115	The DALI vitamin D randomized controlled trial for gestational diabetes mellitus prevention: No major benefit shown besides vitamin D sufficiency. <i>Clinical Nutrition</i> , 2020 , 39, 976-984	5.9	21
114	Downregulation of p53 drives autophagy during human trophoblast differentiation. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 1839-1855	10.3	21
113	Gestational diabetes mellitus modulates cholesterol homeostasis in human fetoplacental endothelium. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 968-979	5	21
112	GDM alters paracrine regulation of fetoplacental angiogenesis via the trophoblast. <i>Laboratory Investigation</i> , 2017 , 97, 409-418	5.9	20
111	Maternal Type 1 diabetes activates stress response in early placenta. <i>Placenta</i> , 2017 , 50, 110-116	3.4	20

110	Membrane-type matrix metalloproteinase 1 regulates trophoblast functions and is reduced in fetal growth restriction. <i>American Journal of Pathology</i> , 2013 , 182, 1563-71	5.8	20
109	Cost-effectiveness of healthy eating and/or physical activity promotion in pregnant women at increased risk of gestational diabetes mellitus: economic evaluation alongside the DALI study, a European multicenter randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 23	8.4	19
108	Endothelin-1 down-regulates matrix metalloproteinase 14 and 15 expression in human first trimester trophoblasts via endothelin receptor type B. <i>Human Reproduction</i> , 2017 , 32, 46-54	5.7	19
107	Have we neglected the role of fetal endothelium in transplacental transport?. <i>Traffic</i> , 2014 , 15, 122-6	5.7	19
106	Fetal HDL/apoE: a novel regulator of gene expression in human placental endothelial cells. <i>Physiological Genomics</i> , 2011 , 43, 1255-62	3.6	19
105	Phospholipid transfer protein in the placental endothelium is affected by gestational diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 437-45	5.6	19
104	hCMV induced IL-6 release in trophoblast and trophoblast like cells. <i>Journal of Clinical Virology</i> , 2006 , 37, 91-7	14.5	19
103	Diabetes-associated changes in the fetal insulin/insulin-like growth factor system are organ specific in rats. <i>Pediatric Research</i> , 2015 , 77, 48-55	3.2	18
102	Post-transcriptional down regulation of ICAM-1 in feto-placental endothelium in GDM. <i>Cell Adhesion and Migration</i> , 2016 , 10, 18-27	3.2	18
101	Physical activity in overweight and obese pregnant women is associated with higher levels of proinflammatory cytokines and with reduced insulin response through interleukin-6. <i>Diabetes Care</i> , 2014 , 37, 1132-9	14.6	18
100	Location and activities of acetylcholinesterase and butyrylcholinesterase in the rat and human placenta. <i>Anatomy and Embryology</i> , 1993 , 188, 435-40		18
99	BMI-Independent Effects of Gestational Diabetes on Human Placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3299-3309	5.6	18
98	A preliminary investigation on placenta protein profile reveals only modest changes in well controlled gestational diabetes mellitus. <i>European Journal of Mass Spectrometry</i> , 2013 , 19, 211-23	1.1	17
97	Expression and cellular localisation of chloride intracellular channel 3 in human placenta and fetal membranes. <i>Placenta</i> , 2007 , 28, 429-36	3.4	17
96	Plasma Glycated CD59 Predicts Early Gestational Diabetes and Large for Gestational Age Newborns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	16
95	Gestational diabetes mellitus is associated with increased pro-migratory activation of vascular endothelial growth factor receptor 2 and reduced expression of vascular endothelial growth factor receptor 1. <i>PLoS ONE</i> , 2017 , 12, e0182509	3.7	16
94	The feto-placental endothelium in pregnancy pathologies. <i>Wiener Medizinische Wochenschrift</i> , 2012 , 162, 220-4	2.9	16
93	Heterogeneous histochemical reaction pattern of the lectin <i>Bandeiraea (Griffonia) simplicifolia</i> with blood vessels of human full-term placenta. <i>Cell and Tissue Research</i> , 1994 , 278, 433-8	4.2	16

92	Association between Gestational Weight Gain, Gestational Diabetes Risk, and Obstetric Outcomes: A Randomized Controlled Trial Post Hoc Analysis. <i>Nutrients</i> , 2018 , 10,	6.7	16
91	Evidence of Human Milk Oligosaccharides in Cord Blood and Maternal-to-Fetal Transport across the Placenta. <i>Nutrients</i> , 2019 , 11,	6.7	14
90	Nutritional Lifestyle Intervention in Obese Pregnant Women, Including Lower Carbohydrate Intake, Is Associated With Increased Maternal Free Fatty Acids, 3- β -Hydroxybutyrate, and Fasting Glucose Concentrations: A Secondary Factorial Analysis of the European Multicenter, Randomized Controlled DALI Lifestyle Intervention Trial. <i>Diabetes Care</i> , 2019 , 42, 1380-1389	14.6	13
89	Sex differences in the association of cord blood insulin with subcutaneous adipose tissue in neonates. <i>International Journal of Obesity</i> , 2016 , 40, 538-42	5.5	13
88	Sedentary behavior in obese pregnant women is associated with inflammatory markers and lipid profile but not with glucose metabolism. <i>Cytokine</i> , 2016 , 88, 91-98	4	12
87	An international network (PlaNet) to evaluate a human placental testing platform for chemicals safety testing in pregnancy. <i>Reproductive Toxicology</i> , 2016 , 64, 191-202	3.4	12
86	Risk factors for hyperglycemia in pregnancy in the DALI study differ by period of pregnancy and OGTT time point. <i>European Journal of Endocrinology</i> , 2018 , 179, 39-49	6.5	12
85	Pre-eclampsia and gestational age differently alter binding of endothelin-1 to placental and trophoblast membrane preparations. <i>Molecular and Cellular Endocrinology</i> , 1995 , 110, 65-71	4.4	12
84	Epigenetic adaptation of the placental serotonin transporter gene (SLC6A4) to gestational diabetes mellitus. <i>PLoS ONE</i> , 2017 , 12, e0179934	3.7	12
83	Role of A Novel Angiogenesis FKBPL-CD44 Pathway in Preeclampsia Risk Stratification and Mesenchymal Stem Cell Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 26-41	5.6	12
82	The Predictive Value of miR-16, -29a and -134 for Early Identification of Gestational Diabetes: A Nested Analysis of the DALI Cohort. <i>Cells</i> , 2021 , 10,	7.9	12
81	FIGO analysis of research priorities in hyperglycemia in pregnancy. <i>Diabetes Research and Clinical Practice</i> , 2018 , 145, 5-14	7.4	11
80	Cytokines and their association with insulin resistance in obese pregnant women with different levels of physical activity. <i>Cytokine</i> , 2016 , 77, 72-8	4	11
79	Endothelin-1 stimulates proliferation of first-trimester trophoblasts via the A- and B-type receptor and invasion via the B-type receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 3408-15	5.6	11
78	Higher Cord Blood Levels of Fatty Acids in Pregnant Women With Type 1 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2620-2629	5.6	10
77	Cell free hemoglobin in the fetoplacental circulation: a novel cause of fetal growth restriction?. <i>FASEB Journal</i> , 2018 , 32, 5436-5446	0.9	10
76	A new possible function for placental pericytes. <i>Cells Tissues Organs</i> , 2011 , 194, 76-84	2.1	10
75	The cytospectrophotometrical determination of proteins by the tetrazonium coupling reaction. II. Calibration of the staining method. <i>Acta Histochemica</i> , 1981 , 68, 103-10	2	10

74	Expression of matrix metalloproteinase 12 is highly specific for non-proliferating invasive trophoblasts in the first trimester and temporally regulated by oxygen-dependent mechanisms including HIF-1A. <i>Histochemistry and Cell Biology</i> , 2018 , 149, 31-42	2.4	9
73	Diabetes Mellitus, Obesity, and the Placenta. <i>Obstetrics and Gynecology Clinics of North America</i> , 2020 , 47, 65-79	3.3	9
72	Hyperglycemia-induced endothelial dysfunction is alleviated by thioredoxin mimetic peptides through the restoration of VEGFR-2-induced responses and improved cell survival. <i>International Journal of Cardiology</i> , 2020 , 308, 73-81	3.2	9
71	Relation of placental alkaline phosphatase expression in human term placenta with maternal and offspring fat mass. <i>International Journal of Obesity</i> , 2018 , 42, 1202-1210	5.5	8
70	Metalloprotease dependent release of placenta derived fractalkine. <i>Mediators of Inflammation</i> , 2014 , 2014, 839290	4.3	8
69	Drug actions in preeclampsia: aspirin, but not magnesium chloride or dihydralazine, differentially inhibits cultured human trophoblast release of thromboxane and prostacyclin without affecting angiotensin II, endothelin-1, or leukotriene B4 secretion. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 61-72	6.4	8
68	Endothelin-1 attenuates apoptosis in cultured trophoblasts from term human placentas. <i>Reproductive Sciences</i> , 2007 , 14, 430-9	3	8
67	In vitro function and in situ localization of Multidrug Resistance-associated Protein (MRP)1 (ABCC1) suggest a protective role against methyl mercury-induced oxidative stress in the human placenta. <i>Archives of Toxicology</i> , 2020 , 94, 3799-3817	5.8	8
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