

Gernot Desoye

List of Publications by Year in descending order

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222
papers

9,691
citations

31976

53
h-index

53230

85
g-index

237
all docs

237
docs citations

237
times ranked

9793
citing authors

#	ARTICLE	IF	CITATIONS
1	Gestational diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2019, 5, 47.	30.5	811
2	Kisspeptin-10, a KiSS-1/metastatin-derived decapeptide, is a physiological invasion inhibitor of primary human trophoblasts. <i>Journal of Cell Science</i> , 2004, 117, 1319-1328.	2.0	314
3	The Role of Oxidative Stress in the Pathophysiology of Gestational Diabetes Mellitus. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 3061-3100.	5.4	302
4	The Human Placenta in Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2007, 30, S120-S126.	8.6	295
5	Hypoxia Favours Necrotic Versus Apoptotic Shedding of Placental Syncytiotrophoblast into the Maternal Circulation. <i>Placenta</i> , 2003, 24, 181-190.	1.5	266
6	Insulin and the IGF system in the human placenta of normal and diabetic pregnancies. <i>Journal of Anatomy</i> , 2009, 215, 60-68.	1.5	173
7	Defective insulin signaling in placenta from pregnancies complicated by gestational diabetes mellitus. <i>European Journal of Endocrinology</i> , 2009, 160, 567-578.	3.7	167
8	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, 163-173.	3.6	165
9	Human Endothelial Cells of the Placental Barrier Efficiently Deliver Cholesterol to the Fetal Circulation via ABCA1 and ABCG1. <i>Circulation Research</i> , 2009, 104, 600-608.	4.5	149
10	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, jc.2016-3455.	3.6	140
11	The fetal glucose steal: an underappreciated phenomenon in diabetic pregnancy. <i>Diabetologia</i> , 2016, 59, 1089-1094.	6.3	139
12	The Placenta and Gestational Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2012, 12, 16-23.	4.2	135
13	Maternal and fetal lipid metabolism under normal and gestational diabetic conditions. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 26, 109-127.	0.7	130
14	Epidemiology of gestational diabetes mellitus according to IADPSG/WHO 2013 criteria among obese pregnant women in Europe. <i>Diabetologia</i> , 2017, 60, 1913-1921.	6.3	117
15	Identification of Novel Trophoblast Invasion-Related Genes: Heme Oxygenase-1 Controls Motility via Peroxisome Proliferator-Activated Receptor β . <i>Endocrinology</i> , 2009, 150, 1000-1013.	2.8	116
16	Kisspeptins and the placenta: Regulation of trophoblast invasion. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2007, 8, 31-39.	5.7	102
17	Sustained hyperglycemia in vitro downregulates the GLUT1 glucose transport system of cultured human term placental trophoblast: a mechanism to protect fetal development? <i>FASEB Journal</i> , 1998, 12, 1221-1231.	0.5	100
18	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, 1031-1043.	1.9	100

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19	Dysregulation of Placental Endothelial Lipase and Lipoprotein Lipase in Intrauterine Growth-Restricted Pregnancies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2256-2263.	3.6	99
20	The Human Placental Sexome Differs between Trophoblast Epithelium and Villous Vessel Endothelium. <i>PLoS ONE</i> , 2013, 8, e79233.	2.5	96
21	Placental transport in pregnancy pathologies. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1896-S1902.	4.7	95
22	Insulin control of placental gene expression shifts from mother to foetus over the course of pregnancy. <i>Diabetologia</i> , 2006, 49, 123-131.	6.3	94
23	Epigenetic regulation of human placental function and pregnancy outcome: considerations for causal inference. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S182-S196.	1.3	94
24	Placental metabolism and its regulation in health and diabetes. <i>Molecular Aspects of Medicine</i> , 1994, 15, 505-682.	6.4	93
25	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, 1650-1656.	8.6	93
26	Dysregulation of Placental Endothelial Lipase in Obese Women With Gestational Diabetes Mellitus. <i>Diabetes</i> , 2011, 60, 2457-2464.	0.6	88
27	Fluctuations of plasma lipoprotein-a concentrations during pregnancy and post partum. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 333-336.	3.4	86
28	The influence of placental metabolism on fatty acid transfer to the fetus. <i>Journal of Lipid Research</i> , 2017, 58, 443-454.	4.2	86
29	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.	2.4	85
30	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.	4.8	83
31	Selective Cholesteryl Ester Uptake from High Density Lipoprotein by Human First Trimester and Term Villous Trophoblast Cells. <i>Placenta</i> , 2003, 24, 131-143.	1.5	82
32	The first trimester human trophoblast cell line ACH-3P: A novel tool to study autocrine/paracrine regulatory loops of human trophoblast subpopulations " TNF- α stimulates MMP15 expression. <i>BMC Developmental Biology</i> , 2007, 7, 137.	2.1	79
33	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-e92.	8.6	79
34	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, 209-219.	6.3	73
35	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-E484.	3.5	71
36	The Placental Exposome: Placental Determinants of Fetal Adiposity and Postnatal Body Composition. <i>Annals of Nutrition and Metabolism</i> , 2013, 63, 208-215.	1.9	70

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37	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, 615-624.	1.7	69
38	The Human Placenta in Diabetes and Obesity: Friend or Foe? The 2017 Norbert Freinkel Award Lecture. <i>Diabetes Care</i> , 2018, 41, 1362-1369.	8.6	67
39	Normalizing DNA microarray data. <i>Current Issues in Molecular Biology</i> , 2002, 4, 57-64.	2.4	66
40	Maternal obesity modulates intracellular lipid turnover in the human term placenta. <i>International Journal of Obesity</i> , 2017, 41, 317-323.	3.4	65
41	Location of insulin receptors in the placenta and its progenitor tissues. <i>Microscopy Research and Technique</i> , 1997, 38, 63-75.	2.2	64
42	Myeloperoxidase-Dependent Generation of Hypochlorite-Modified Proteins in Human Placental Tissues during Normal Pregnancy. <i>Laboratory Investigation</i> , 2001, 81, 543-554.	3.7	64
43	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, 211-218.	2.9	63
44	Glucose Transporter Expression in Rat Embryo and Uterus During Decidualization, Implantation, and Early Postimplantation1. <i>Biology of Reproduction</i> , 2001, 65, 1364-1370.	2.7	60
45	TNF- α alters the inflammatory secretion profile of human first trimester placenta. <i>Laboratory Investigation</i> , 2016, 96, 428-438.	3.7	60
46	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, 888-893.	3.6	59
47	Amnion-Derived Mesenchymal Stromal Cells Show Angiogenic Properties but Resist Differentiation into Mature Endothelial Cells. <i>Stem Cells and Development</i> , 2012, 21, 1309-1320.	2.1	57
48	Glucose, Insulin, and Oxygen Interplay in Placental Hypervascularisation in Diabetes Mellitus. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	57
49	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-E1447.	3.6	56
50	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, 391-399.	1.7	55
51	MT1-MMP Expression in First-Trimester Placental Tissue Is Upregulated in Type 1 Diabetes as a Result of Elevated Insulin and Tumor Necrosis Factor- α Levels. <i>Diabetes</i> , 2008, 57, 150-157.	0.6	55
52	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, 1422-1429.	6.3	55
53	Differential mitogenic responses of human macrovascular and microvascular endothelial cells to cytokines underline their phenotypic heterogeneity. <i>Cell Proliferation</i> , 2001, 34, 143-155.	5.3	52
54	Are Endometrial Carcinoma Cells Disseminated at Hysteroscopy Functionally Viable?. <i>Gynecologic Oncology</i> , 2001, 83, 221-226.	1.4	52

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55	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.	2.8	50
56	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 Feto-Placental Endothelium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3613-3621.	3.6	50
57	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, 282-288.	4.2	50
58	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.	6.3	50
59	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, 737-746.	2.4	48
60	Acyl chain-dependent effect of lysophosphatidylcholine on endothelial prostacyclin production. <i>Journal of Lipid Research</i> , 2010, 51, 2957-2966.	4.2	47
61	Placental Lipid and Fatty Acid Transfer in Maternal Overnutrition. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 228-231.	1.9	47
62	Caspases rather than calpains mediate remodelling of the fodrin skeleton during human placental trophoblast fusion. <i>Cell Death and Differentiation</i> , 2010, 17, 336-345.	11.2	46
63	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction. <i>Journal of Physiology</i> , 2015, 593, 3077-3092.	2.9	46
64	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.	11.4	46
65	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.	2.3	46
66	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, 451-462.	0.2	44
67	Placental fatty acid transfer. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 78-82.	2.5	42
68	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.	5.0	42
69	Insulin Action on the Human Placental Endothelium in Normal and Diabetic Pregnancy. <i>Current Vascular Pharmacology</i> , 2009, 7, 460-466.	1.7	41
70	Novel Homeobox Genes are Differentially Expressed in Placental Microvascular Endothelial Cells Compared with Macrovascular Cells. <i>Placenta</i> , 2008, 29, 624-630.	1.5	40
71	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.	3.5	40
72	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.	2.9	39

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73	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. , 1998, 78, 353-360.		39
74	Ultrastructural Localization of Insulin Receptors in Human Placenta. American Journal of Reproductive Immunology, 1993, 30, 136-145.	1.2	38
75	Placental fatty acid transport in maternal obesity. Journal of Developmental Origins of Health and Disease, 2012, 3, 409-414.	1.4	38
76	The Feto-placental Dialogue and Diabetes. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2015, 29, 15-23.	2.8	38
77	Gestational diabetes alters microRNA signatures in human feto-placental endothelial cells depending on fetal sex. Clinical Science, 2018, 132, 2437-2449.	4.3	37
78	Human trophoblast cells express the immunomodulator progesterone-induced blocking factor. Journal of Reproductive Immunology, 2008, 79, 26-36.	1.9	36
79	Physical activity, depressed mood and pregnancy worries in European obese pregnant women: results from the DALI study. BMC Pregnancy and Childbirth, 2015, 15, 158.	2.4	36
80	Diabetes-associated oxidative and inflammatory stress signalling in the early human placenta. Molecular Aspects of Medicine, 2019, 66, 21-30.	6.4	36
81	Localisation of the high affinity facilitative glucose transporter protein GLUT 1 in the placenta of human, marmoset monkey (Callithrix jacchus) and rat at different developmental stages. Cell and Tissue Research, 1995, 280, 49-57.	2.9	36
82	Gestational diabetes mellitus modulates neonatal high-density lipoprotein composition and its functional heterogeneity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1619-1627.	2.4	35
83	IGF2 stimulates fetal growth in a sex- and organ-dependent manner. Pediatric Research, 2018, 83, 183-189.	2.3	35
84	The Predictive Value of miR-16, -29a and -134 for Early Identification of Gestational Diabetes: A Nested Analysis of the DALI Cohort. Cells, 2021, 10, 170.	4.1	35
85	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. PLoS ONE, 2017, 12, e0182509.	2.5	34
86	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. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 23.	4.6	34
87	Endothelial lipase (EL) and EL-generated lysophosphatidylcholines promote IL-8 expression in endothelial cells. Atherosclerosis, 2011, 214, 338-344.	0.8	33
88	Oxygen Modulates the Response of First-Trimester Trophoblasts to Hyperglycemia. American Journal of Pathology, 2012, 180, 153-164.	3.8	33
89	Human fetoplacental arterial and venous endothelial cells are differentially programmed by gestational diabetes mellitus, resulting in cell-specific barrier function changes. Diabetologia, 2018, 61, 2398-2411.	6.3	33
90	Variable promoter methylation contributes to differential expression of key genes in human placenta-derived venous and arterial endothelial cells. BMC Genomics, 2013, 14, 475.	2.8	32

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91	Acyl Chain-Dependent Effect of Lysophosphatidylcholine on Endothelium-Dependent Vasorelaxation. PLoS ONE, 2013, 8, e65155.	2.5	32
92	GDM alters paracrine regulation of feto-placental angiogenesis via the trophoblast. Laboratory Investigation, 2017, 97, 409-418.	3.7	32
93	Epigenetic adaptation of the placental serotonin transporter gene (SLC6A4) to gestational diabetes mellitus. PLoS ONE, 2017, 12, e0179934.	2.5	32
94	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. Journal of Pregnancy, 2016, 2016, 1-11.	2.4	31
95	Glycogen distribution in the capillaries of the placental villus in normal, overt and gestational diabetic pregnancy. Placenta, 1993, 14, 505-517.	1.5	30
96	Phospholipid Transfer Protein Is Differentially Expressed in Human Arterial and Venous Placental Endothelial Cells and Enhances Cholesterol Efflux to Fetal HDL. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2466-2474.	3.6	30
97	Placental membrane-type metalloproteinases (MT-MMPs): Key players in pregnancy. Cell Adhesion and Migration, 2016, 10, 136-146.	2.7	30
98	Post-transcriptional down regulation of ICAM-1 in feto-placental endothelium in GDM. Cell Adhesion and Migration, 2016, 10, 18-27.	2.7	29
99	BMI-Independent Effects of Gestational Diabetes on Human Placenta. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3299-3309.	3.6	29
100	Gestational diabetes mellitus modulates cholesterol homeostasis in human fetoplacental endothelium. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 968-979.	2.4	29
101	Sustained Hypoglycemia Affects Glucose Transporter Expression of Human Blood Leukocytes. Blood Cells, Molecules, and Diseases, 2002, 28, 152-159.	1.4	28
102	Do glucose transporters have other roles in addition to placental glucose transport during early pregnancy?. Histochemistry and Cell Biology, 2005, 123, 621-629.	1.7	28
103	Complex expression changes of the placental endothelin system in early and late onset preeclampsia, fetal growth restriction and gestational diabetes. Life Sciences, 2012, 91, 710-715.	4.3	28
104	Cord blood chemerin: differential effects of gestational diabetes mellitus and maternal obesity. Clinical Endocrinology, 2014, 80, 65-72.	2.4	28
105	GDM Alters Expression of Placental Estrogen Receptor α in a Cell Type and Gender-Specific Manner. Reproductive Sciences, 2015, 22, 1488-1495.	2.5	28
106	Role of A Novel Angiogenesis FKBPL-CD44 Pathway in Preeclampsia Risk Stratification and Mesenchymal Stem Cell Treatment. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 26-41.	3.6	28
107	Regulation of Placental Growth Hormone Secretion in a Human Trophoblast Model – The Effects of Hormones and Adipokines. Pediatric Research, 2008, 63, 353-357.	2.3	27
108	Pigment epithelium-derived factor (PEDF): a novel trophoblast-derived factor limiting feto-placental angiogenesis in late pregnancy. Angiogenesis, 2016, 19, 373-388.	7.2	27

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109	Maternal Type 1 diabetes activates stress response in early placenta. <i>Placenta</i> , 2017, 50, 110-116.	1.5	27
110	Cell proliferation and apoptosis: Immunohistochemical evidence of p53 protein in human placenta and choriocarcinoma cell lines. <i>Human Reproduction</i> , 1995, 10, 983-988.	0.9	26
111	The effect of docosahexaenoic acid and folic acid supplementation on placental apoptosis and proliferation. <i>British Journal of Nutrition</i> , 2006, 96, 182.	2.3	26
112	Have We Neglected the Role of Fetal Endothelium in Transplacental Transport?. <i>Traffic</i> , 2014, 15, 122-126.	2.7	25
113	Plasma Glycated CD59 Predicts Early Gestational Diabetes and Large for Gestational Age Newborns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1033-e1040.	3.6	25
114	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, 580-584.	1.5	24
115	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.	2.3	24
116	Downregulation of p53 drives autophagy during human trophoblast differentiation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1839-1855.	5.4	24
117	Evidence of Human Milk Oligosaccharides in Cord Blood and Maternal-to-Fetal Transport across the Placenta. <i>Nutrients</i> , 2019, 11, 2640.	4.1	24
118	The feto-placental endothelium in pregnancy pathologies. <i>Wiener Medizinische Wochenschrift</i> , 2012, 162, 220-224.	1.1	23
119	Membrane-Type Matrix Metalloproteinase 1 Regulates Trophoblast Functions and Is Reduced in Fetal Growth Restriction. <i>American Journal of Pathology</i> , 2013, 182, 1563-1571.	3.8	23
120	Gestational Diabetes Mellitus Upregulates Vitamin D Receptor in Extravillous Trophoblasts and Fetoplacental Endothelial Cells. <i>Reproductive Sciences</i> , 2015, 22, 358-366.	2.5	23
121	Location and activities of acetylcholinesterase and butyrylcholinesterase in the rat and human placenta. <i>Anatomy and Embryology</i> , 1993, 188, 435-40.	1.5	22
122	Expression and Cellular Localisation of Chloride Intracellular Channel 3 in Human Placenta and Fetal Membranes. <i>Placenta</i> , 2007, 28, 429-436.	1.5	22
123	Phospholipid Transfer Protein in the Placental Endothelium Is Affected by Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 437-445.	3.6	22
124	Association between Gestational Weight Gain, Gestational Diabetes Risk, and Obstetric Outcomes: A Randomized Controlled Trial Post Hoc Analysis. <i>Nutrients</i> , 2018, 10, 1568.	4.1	22
125	hCMV induced IL-6 release in trophoblast and trophoblast like cells. <i>Journal of Clinical Virology</i> , 2006, 37, 91-97.	3.1	21
126	Fetal HDL/apoE: a novel regulator of gene expression in human placental endothelial cells. <i>Physiological Genomics</i> , 2011, 43, 1255-1262.	2.3	21

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127	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, 1132-1139.	8.6	21
128	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.	8.6	21
129	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.	0.9	20
130	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.	1.7	20
131	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.	3.7	20
132	Diabetes Mellitus, Obesity, and the Placenta. <i>Obstetrics and Gynecology Clinics of North America</i> , 2020, 47, 65-79.	1.9	20
133	FKBPL and SIRT-1 Are Downregulated by Diabetes in Pregnancy Impacting on Angiogenesis and Endothelial Function. <i>Frontiers in Endocrinology</i> , 2021, 12, 650328.	3.5	20
134	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, 211-223.	1.0	19
135	Sex differences in the association of cord blood insulin with subcutaneous adipose tissue in neonates. <i>International Journal of Obesity</i> , 2016, 40, 538-542.	3.4	19
136	Maternal Angiotensin Increases Placental Leptin in Early Gestation via an Alternative Renin-Angiotensin System Pathway. <i>Hypertension</i> , 2021, 77, 1723-1736.	2.7	19
137	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, 433-438.	2.9	18
138	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.	3.2	18
139	Maternal Gestational Diabetes Mellitus increases placental and foetal lipoprotein-associated Phospholipase A2 which might exert protective functions against oxidative stress. <i>Scientific Reports</i> , 2017, 7, 12628.	3.3	17
140	Maternal Obesity Affects the Glucose-Insulin Axis During the First Trimester of Human Pregnancy. <i>Frontiers in Endocrinology</i> , 2020, 11, 566673.	3.5	17
141	Cell free hemoglobin in the fetoplacental circulation: a novel cause of fetal growth restriction?. <i>FASEB Journal</i> , 2018, 32, 5436-5446.	0.5	16
142	Pregnancies in Diabetes and Obesity: The Capacity-Load Model of Placental Adaptation. <i>Diabetes</i> , 2021, 70, 823-830.	0.6	16
143	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.	2.9	15
144	FIGO analysis of research priorities in hyperglycemia in pregnancy. <i>Diabetes Research and Clinical Practice</i> , 2018, 145, 5-14.	2.8	15

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145	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.	1.7	15
146	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.	3.2	14
147	Performance of early pregnancy HbA1c for predicting gestational diabetes mellitus and adverse pregnancy outcomes in obese European women. <i>Diabetes Research and Clinical Practice</i> , 2020, 168, 108378.	2.8	14
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