

Gernot Desoye

List of Publications by Year in descending order

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Version: 2024-02-01

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	Mediators of lifestyle intervention effects on neonatal adiposity: are we missing a piece of the puzzle?. <i>Pediatric Research</i> , 2022, 91, 522-525.	2.3	0
2	The unexplored role of sedentary time and physical activity in glucose and lipid metabolism-related placental mRNAs in pregnant women who are obese: the DALI lifestyle randomised controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 708-721.	2.3	6
3	Interaction between rs10830962 polymorphism in MTNR1B and lifestyle intervention on maternal and neonatal outcomes: secondary analyses of the DALI lifestyle randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 388-396.	4.7	5
4	Maternal Metabolic State and Fetal Sex and Genotype Modulate Methylation of the Serotonin Receptor Type 2A Gene (HTR2A) in the Human Placenta. <i>Biomedicines</i> , 2022, 10, 467.	3.2	7
5	The Temporal Profile of Circulating miRNAs during Gestation in Overweight and Obese Women with or without Gestational Diabetes Mellitus. <i>Biomedicines</i> , 2022, 10, 482.	3.2	6
6	Maternal Diabetes and Obesity. , 2022, , 555-575.		1
7	The Minichromosome Maintenance Complex is Up-regulated in the Placentas of Low-insulin Sensitive Mothers in the First Trimester of Pregnancy. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
8	Physical Activity and Sedentary Time in Pregnancy: An Exploratory Study on Oxidative Stress Markers in the Placenta of Women with Obesity. <i>Biomedicines</i> , 2022, 10, 1069.	3.2	3
9	The Distinct Role of the HDL Receptor SR-BI in Cholesterol Homeostasis of Human Placental Arterial and Venous Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5364.	4.1	2
10	The importance of maternal insulin resistance throughout pregnancy on neonatal adiposity. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 83-91.	1.7	11
11	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.	3.6	28
12	Less sedentary time is associated with a more favourable glucose-insulin axis in obese pregnant women—a secondary analysis of the DALI study. <i>International Journal of Obesity</i> , 2021, 45, 296-307.	3.4	12
13	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, 170.	4.1	35
14	Placental mobilization of free fatty acids contributes to altered materno-fetal transfer in obesity. <i>International Journal of Obesity</i> , 2021, 45, 1114-1123.	3.4	12
15	Amino Acid Transporter LAT1 (SLC7A5) Mediates MeHg-Induced Oxidative Stress Defense in the Human Placental Cell Line HTR-8/SVneo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1707.	4.1	13
16	Pregnancies in Diabetes and Obesity: The Capacity-Load Model of Placental Adaptation. <i>Diabetes</i> , 2021, 70, 823-830.	0.6	16
17	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
18	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

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19	Differential Serotonin Uptake Mechanisms at the Human Maternal-Fetal Interface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7807.	4.1	11
20	Different regulation of IRE1 α and eIF2 α pathways by oxygen and insulin in ACH-3P trophoblast model. <i>Reproduction</i> , 2021, 162, 1-10.	2.6	2
21	Placental polar lipid composition is associated with placental gene expression and neonatal body composition. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158971.	2.4	1
22	Maternal C-Peptide and Insulin Sensitivity, but Not BMI, Associate with Fatty Acids in the First Trimester of Pregnancy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10422.	4.1	4
23	Type 1 Diabetes Mellitus and the First Trimester Placenta: Hyperglycemia-Induced Effects on Trophoblast Proliferation, Cell Cycle Regulators, and Invasion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10989.	4.1	9
24	Human Milk Oligosaccharides in Cord Blood Are Altered in Gestational Diabetes and Stimulate Feto-Placental Angiogenesis In Vitro. <i>Nutrients</i> , 2021, 13, 4257.	4.1	4
25	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
26	The Placenta in Diabetic Pregnancy: New Methodological Approaches. <i>Frontiers in Diabetes</i> , 2020, , 145-154.	0.4	3
27	Diabetes Mellitus, Obesity, and the Placenta. <i>Obstetrics and Gynecology Clinics of North America</i> , 2020, 47, 65-79.	1.9	20
28	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
29	Matrix metalloproteinase 15 plays a pivotal role in human first trimester cytotrophoblast invasion and is not altered by maternal obesity. <i>FASEB Journal</i> , 2020, 34, 10720-10730.	0.5	9
30	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
31	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
32	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.	4.2	14
33	Cell Type- and Sex-Specific Dysregulation of Thyroid Hormone Receptors in Placentas in Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4056.	4.1	12
34	Temporal relationships between maternal metabolic parameters with neonatal adiposity in women with obesity differ by neonatal sex: Secondary analysis of the DALI study. <i>Pediatric Obesity</i> , 2020, 15, e12628.	2.8	11
35	Growing fat in utero: timing is everything. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 259-260.	11.4	7
36	Sex matters: XIST and DDX3Y gene expression as a tool to determine fetal sex in human first trimester placenta. <i>Placenta</i> , 2020, 97, 68-70.	1.5	13

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37	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
38	Both glycaemic control and insulin dose during pregnancy in women with type 1 diabetes are associated with neonatal anthropometric measures and placental weight. <i>Diabetes/Metabolism Research and Reviews</i> , 2020, 36, e3300.	4.0	5
39	Maternal Obesity Alters Placental Cell Cycle Regulators in the First Trimester of Human Pregnancy: New Insights for BRCA1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 468.	4.1	12
40	Gestational diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2019, 5, 47.	30.5	811
41	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
42	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
43	Nutritional Lifestyle Intervention in Obese Pregnant Women, Including Lower Carbohydrate Intake, Is Associated With Increased Maternal Free Fatty Acids, 3- ¹² -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
44	Molecular aspects of signalling in diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 1-2.	6.4	2
45	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
46	Mediators of Lifestyle Behaviour Changes in Obese Pregnant Women. Secondary Analyses from the DALI Lifestyle Randomised Controlled Trial. <i>Nutrients</i> , 2019, 11, 311.	4.1	6
47	The Effects of Lifestyle and/or Vitamin D Supplementation Interventions on Pregnancy Outcomes: What Have We Learned from the DALI Studies?. <i>Current Diabetes Reports</i> , 2019, 19, 162.	4.2	8
48	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
49	Diabetes-associated oxidative and inflammatory stress signalling in the early human placenta. <i>Molecular Aspects of Medicine</i> , 2019, 66, 21-30.	6.4	36
50	Amnion-derived mesenchymal stem cells improve viability of endothelial cells exposed to shear stress in ePTFE grafts. <i>International Journal of Artificial Organs</i> , 2019, 42, 80-87.	1.4	4
51	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
52	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.	4.6	34
53	FIGO analysis of research priorities in hyperglycemia in pregnancy. <i>Diabetes Research and Clinical Practice</i> , 2018, 145, 5-14.	2.8	15
54	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

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55	IGF2 stimulates fetal growth in a sex- and organ-dependent manner. <i>Pediatric Research</i> , 2018, 83, 183-189.	2.3	35
56	Placental fatty acid transfer. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 78-82.	2.5	42
57	Downregulation of p53 drives autophagy during human trophoblast differentiation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1839-1855.	5.4	24
58	Gestational diabetes alters microRNA signatures in human feto-placental endothelial cells depending on fetal sex. <i>Clinical Science</i> , 2018, 132, 2437-2449.	4.3	37
59	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
60	BMI-Independent Effects of Gestational Diabetes on Human Placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3299-3309.	3.6	29
61	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.	2.4	29
62	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.	3.6	12
63	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
64	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
65	Sex-specific associations of insulin-like peptides in cord blood with size at birth. <i>Clinical Endocrinology</i> , 2018, 89, 187-193.	2.4	7
66	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
67	Angiopietin-like protein 4 (ANGPTL4) is related to gestational weight gain in pregnant women with obesity. <i>Scientific Reports</i> , 2018, 8, 12428.	3.3	9
68	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.	6.3	33
69	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.	3.4	11
70	Re: Vitamin D and gestational diabetes mellitus: a systematic review based on data free of Hawthorne effect. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 1338-1339.	2.3	5
71	A Reduction in Sedentary Behavior in Obese Women Reduces Neonatal Adiposity – The DALI Randomized Controlled Trial. <i>Diabetes</i> , 2018, 67, 1416-P.	0.6	1
72	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

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73	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
74	GDM alters paracrine regulation of feto-placental angiogenesis via the trophoblast. <i>Laboratory Investigation</i> , 2017, 97, 409-418.	3.7	32
75	Maternal Type 1 diabetes activates stress response in early placenta. <i>Placenta</i> , 2017, 50, 110-116.	1.5	27
76	Placental Lipid and Fatty Acid Transfer in Maternal Overnutrition. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 228-231.	1.9	47
77	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
78	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
79	Calcitriol regulates immune genes CD14 and CD180 to modulate LPS responses in human trophoblasts. <i>Reproduction</i> , 2017, 154, 735-744.	2.6	7
80	Gestational diabetes mellitus modulates cholesterol metabolism in human fetoplacental endothelial cells. <i>Atherosclerosis</i> , 2017, 263, e74-e75.	0.8	0
81	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
82	Maternal obesity modulates intracellular lipid turnover in the human term placenta. <i>International Journal of Obesity</i> , 2017, 41, 317-323.	3.4	65
83	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
84	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.	2.5	34
85	Is a motivational interviewing based lifestyle intervention for obese pregnant women across Europe implemented as planned? Process evaluation of the DALI study. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 293.	2.4	6
86	Correlates of poor mental health in early pregnancy in obese European women. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 404.	2.4	11
87	Epigenetic adaptation of the placental serotonin transporter gene (SLC6A4) to gestational diabetes mellitus. <i>PLoS ONE</i> , 2017, 12, e0179934.	2.5	32
88	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, 1-11.	2.4	31
89	The fetal glucose steal: an underappreciated phenomenon in diabetic pregnancy. <i>Diabetologia</i> , 2016, 59, 1089-1094.	6.3	139
90	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

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91	Going into labor and beyond: phospholipase A2 in pregnancy. <i>Reproduction</i> , 2016, 151, R91-R102.	2.6	12
92	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
93	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
94	Pigment epithelium-derived factor (PEDF): a novel trophoblast-derived factor limiting feto-placental angiogenesis in late pregnancy. <i>Angiogenesis</i> , 2016, 19, 373-388.	7.2	27
95	Post-transcriptional down regulation of ICAM-1 in feto-placental endothelium in GDM. <i>Cell Adhesion and Migration</i> , 2016, 10, 18-27.	2.7	29
96	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
97	Placental membrane-type metalloproteinases (MT-MMPs): Key players in pregnancy. <i>Cell Adhesion and Migration</i> , 2016, 10, 136-146.	2.7	30
98	TNF- α alters the inflammatory secretion profile of human first trimester placenta. <i>Laboratory Investigation</i> , 2016, 96, 428-438.	3.7	60
99	Cytokines and their association with insulin resistance in obese pregnant women with different levels of physical activity. <i>Cytokine</i> , 2016, 77, 72-78.	3.2	13
100	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
101	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction. <i>Journal of Physiology</i> , 2015, 593, 3077-3092.	2.9	46
102	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
103	GDM Alters Expression of Placental Estrogen Receptor α in a Cell Type and Gender-Specific Manner. <i>Reproductive Sciences</i> , 2015, 22, 1488-1495.	2.5	28
104	Oxygen and glucose dependent viability of HLA-G positive and negative trophoblasts using ACH-3P cells as first trimester trophoblast-derived cell model. <i>Journal of Reproductive Health and Medicine</i> , 2015, 1, 4-9.	0.3	2
105	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
106	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.	2.4	36
107	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
108	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

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109	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
110	The Feto-placental Dialogue and Diabetes. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2015, 29, 15-23.	2.8	38
111	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
112	Metalloprotease Dependent Release of Placenta Derived Fractalkine. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	3.0	9
113	Glucose, Insulin, and Oxygen Interplay in Placental Hypervascularisation in Diabetes Mellitus. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	57
114	Different Preference of Degradome in Invasion versus Angiogenesis. <i>Cells Tissues Organs</i> , 2014, 200, 181-194.	2.3	5
115	Have We Neglected the Role of Fetal Endothelium in Transplacental Transport?. <i>Traffic</i> , 2014, 15, 122-126.	2.7	25
116	Cord blood chemerin: differential effects of gestational diabetes mellitus and maternal obesity. <i>Clinical Endocrinology</i> , 2014, 80, 65-72.	2.4	28
117	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, 1619-1627.	2.4	35
118	Expression of serum amyloid A4 in human trophoblast-like choriocarcinoma cell lines and human first trimester/term trophoblast cells. <i>Placenta</i> , 2014, 35, 661-664.	1.5	4
119	Intima-Media Thickness Measurements in the Fetus and Mother During Pregnancy: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1949-1957.	1.5	8
120	Some Preliminary Matrix-Assisted Laser Desorption/Ionization Imaging Experiments on Maternal and Fetal Sides of Human Placenta. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 261-269.	1.0	5
121	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
122	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.	2.8	32
123	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
124	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
125	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
126	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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127	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
128	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
129	Acyl Chain-Dependent Effect of Lysophosphatidylcholine on Endothelium-Dependent Vasorelaxation. <i>PLoS ONE</i> , 2013, 8, e65155.	2.5	32
130	The Human Placental Sexome Differs between Trophoblast Epithelium and Villous Vessel Endothelium. <i>PLoS ONE</i> , 2013, 8, e79233.	2.5	96
131	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
132	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
133	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, 2466-2474.	3.6	30
134	Placental fatty acid transport in maternal obesity. <i>Journal of Developmental Origins of Health and Disease</i> , 2012, 3, 409-414.	1.4	38
135	Oxygen Modulates the Response of First-Trimester Trophoblasts to Hyperglycemia. <i>American Journal of Pathology</i> , 2012, 180, 153-164.	3.8	33
136	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
137	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, 710-715.	4.3	28
138	Differential response of arterial and venous endothelial cells to extracellular matrix is modulated by oxygen. <i>Histochemistry and Cell Biology</i> , 2012, 137, 641-655.	1.7	8
139	The feto-placental endothelium in pregnancy pathologies. <i>Wiener Medizinische Wochenschrift</i> , 2012, 162, 220-224.	1.1	23
140	The Placenta and Gestational Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2012, 12, 16-23.	4.2	135
141	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
142	Placental transport in pregnancy pathologies. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1896-S1902.	4.7	95
143	Dysregulation of Placental Endothelial Lipase in Obese Women With Gestational Diabetes Mellitus. <i>Diabetes</i> , 2011, 60, 2457-2464.	0.6	88
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