Theresa L Powell

List of Publications by Year
in descending order

136 papers	9,496 citations	30070 54 h-index	42399 92 g-index
141 all docs	141 docs citations	141 times ranked	6836 citing authors

#	Article	IF	Citations
1	Insulin Increases Adipose Adiponectin in Pregnancy by Inhibiting Ubiquitination and Degradation: Impact of Obesity. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 53-66.	3.6	9
2	Placental proteins with predicted roles in fetal development decrease in premature infants. Pediatric Research, 2022, 92, 1316-1324.	2.3	2
3	Maternal obesity causes fetal cardiac hypertrophy and alters adult offspring myocardial metabolism in mice. Journal of Physiology, 2022, 600, 3169-3191.	2.9	18
4	Normalization of maternal adiponectin in obese pregnant mice prevents programming of impaired glucose metabolism in adult offspring. FASEB Journal, 2022, 36, .	0.5	6
5	Developmental origins of metabolic diseases. Physiological Reviews, 2021, 101, 739-795.	28.8	150
6	Sex-specific responses in placental fatty acid oxidation, esterification and transfer capacity to maternal obesity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158861.	2.4	27
7	Mediators Linking Maternal Weight to Birthweight and Neonatal Fat Mass in Healthy Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1977-1993.	3.6	4
8	Inhibition of MTOR signaling impairs rat embryo organogenesis by affecting folate availability. Reproduction, 2021, 161, 365-373.	2.6	6
9	Placental Function and the Development of Fetal Overgrowth and Fetal Growth Restriction. Obstetrics and Gynecology Clinics of North America, 2021, 48, 247-266.	1.9	27
10	Effect of type 2 diabetes mellitus on placental expression and activity of nutrient transporters and their association with birth weight and neonatal adiposity. Molecular and Cellular Endocrinology, 2021, 532, 111319.	3.2	13
11	Reduction of In Vivo Placental Amino Acid Transport Precedes the Development of Intrauterine Growth Restriction in the Non-Human Primate. Nutrients, 2021, 13, 2892.	4.1	9
12	Placenta-specific Slc38a2/SNAT2 knockdown causes fetal growth restriction in mice. Clinical Science, 2021, 135, 2049-2066.	4.3	22
13	Characterization of the Primary Human Trophoblast Cell Secretome Using Stable Isotope Labeling With Amino Acids in Cell Culture. Frontiers in Cell and Developmental Biology, 2021, 9, 704781.	3.7	4
14	Preconceptional Lipid-Based Nutrient Supplementation in 2 Low-Resource Countries Results in Distinctly Different IGF-1/mTOR Placental Responses. Journal of Nutrition, 2021, 151, 556-569.	2.9	9
15	Mechanistic Target of Rapamycin Complex 2 Regulation of the Primary Human Trophoblast Cell Transcriptome. Frontiers in Cell and Developmental Biology, 2021, 9, 670980.	3.7	6
16	Normalisation of circulating adiponectin levels in obese pregnant mice prevents cardiac dysfunction in adult offspring. International Journal of Obesity, 2020, 44, 488-499.	3.4	27
17	Reduced Na+K+â€ATPase activity may reduce amino acid uptake in intrauterine growth restricted fetal sheep muscle despite unchangedex vivoamino acid transporter activity. Journal of Physiology, 2020, 598, 1625-1639.	2.9	12
18	Decreased placental folate transporter expression and activity in first and second trimester in obese mothers. Journal of Nutritional Biochemistry, 2020, 77, 108305.	4.2	9

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19	Effect of high altitude on human placental amino acid transport. Journal of Applied Physiology, 2020, 128, 127-133.	2.5	12
20	Small molecule inhibitors provide insights into the relevance of LAT1 and LAT2 in maternoâ€fœtal amino acid transport. Journal of Cellular and Molecular Medicine, 2020, 24, 12681-12693.	3.6	12
21	mTORC1 Transcriptional Regulation of Ribosome Subunits, Protein Synthesis, and Molecular Transport in Primary Human Trophoblast Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 583801.	3.7	22
22	Placental fatty acid transport across late gestation in a baboon model of intrauterine growth restriction. Journal of Physiology, 2020, 598, 2469-2489.	2.9	16
23	Regulation of glucose homeostasis by small extracellular vesicles in normal pregnancy and in gestational diabetes. FASEB Journal, 2020, 34, 5724-5739.	0.5	58
24	Changes in Placental Nutrient Transporter Protein Expression and Activity Across Gestation in Normal and Obese Women. Reproductive Sciences, 2020, 27, 1758-1769.	2.5	18
25	Placental function in maternal obesity. Clinical Science, 2020, 134, 961-984.	4.3	103
26	Down-regulation of placental Cdc42 and Rac1 links mTORC2 inhibition to decreased trophoblast amino acid transport in human intrauterine growth restriction. Clinical Science, 2020, 134, 53-70.	4.3	17
27	Inhibition of mechanistic target of rapamycin signaling decreases levels of O-GlcNAc transferase and increases serotonin release in the human placenta. Clinical Science, 2020, 134, 3123-3136.	4.3	10
28	Adiponectin links maternal metabolism to uterine contractility. FASEB Journal, 2019, 33, 14588-14601.	0.5	13
29	No evidence of attenuation of placental insulin-stimulated Akt phosphorylation and amino acid transport in maternal obesity and gestational diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E1037-E1049.	3.5	15
30	IUGR Is Associated With Marked Hyperphosphorylation of Decidual and Maternal Plasma IGFBP-1. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 408-422.	3.6	25
31	Mechanistic Target of Rapamycin Complex 1 Promotes the Expression of Genes Encoding Electron Transport Chain Proteins and Stimulates Oxidative Phosphorylation in Primary Human Trophoblast Cells by Regulating Mitochondrial Biogenesis. Scientific Reports, 2019, 9, 246.	3.3	51
32	Uteroplacental Glucose Uptake and Fetal Glucose Consumption: A Quantitative Study in Human Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 873-882.	3.6	39
33	Insulin Stimulates GLUT4 Trafficking to the Syncytiotrophoblast Basal Plasma Membrane in the Human Placenta. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4225-4238.	3.6	42
34	Maternal obesity results in decreased syncytiotrophoblast synthesis of palmitoleic acid, a fatty acid with antiâ€inflammatory and insulinâ€sensitizing properties. FASEB Journal, 2019, 33, 6643-6654.	0.5	21
35	A potential role for lysophosphatidylcholine in the delivery of long chain polyunsaturated fatty acids to the fetal circulation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 394-402.	2.4	28
36	The human placental proteome secreted into the maternal and fetal circulations in normal pregnancy based on 4â€vessel sampling. FASEB Journal, 2019, 33, 2944-2956.	0.5	23

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37	Normalizing adiponectin levels in obese pregnant mice prevents adverse metabolic outcomes in offspring. FASEB Journal, 2019, 33, 2899-2909.	0.5	29
38	Alterations in placental long chain polyunsaturated fatty acid metabolism in human intrauterine growth restriction. Clinical Science, 2018, 132, 595-607.	4.3	45
39	Placental lipoprotein lipase activity is positively associated with newborn adiposity. Placenta, 2018, 64, 53-60.	1.5	40
40	Critical role of mTOR, PPARÎ³ and PPARÎ´ signaling in regulating early pregnancy decidual function, embryo viability and feto-placental growth. Molecular Human Reproduction, 2018, 24, 327-340.	2.8	26
41	Supplementation with polyunsaturated fatty acids in pregnant rats with mild diabetes normalizes placental PPARÎ³ and mTOR signaling in female offspring developing gestational diabetes. Journal of Nutritional Biochemistry, 2018, 53, 39-47.	4.2	15
42	Down-regulation of placental folate transporters in intrauterine growth restriction. Journal of Nutritional Biochemistry, 2018, 59, 136-141.	4.2	27
43	Diet Enriched with Olive Oil Attenuates Placental Dysfunction in Rats with Gestational Diabetes Induced by Intrauterine Programming. Molecular Nutrition and Food Research, 2018, 62, e1800263.	3.3	12
44	Placental Nutrient Transport. , 2018, , 537-543.		0
45	1,25-Dihydroxy vitamin D3 stimulates system A amino acid transport in primary human trophoblast cells. Molecular and Cellular Endocrinology, 2017, 442, 90-97.	3.2	15
46	Inhibition of placental mTOR signaling provides a link between placental malaria and reduced birthweight. BMC Medicine, 2017, 15, 1.	5.5	242
47	Fatty acid and lipid profiles in primary human trophoblast over 90 h in culture. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 121, 14-20.	2.2	20
48	Mechanistic Target of Rapamycin Is a Novel Molecular Mechanism Linking Folate Availability and Cell Function. Journal of Nutrition, 2017, 147, 1237-1242.	2.9	24
49	mTOR folate sensing links folate availability to trophoblast cell function. Journal of Physiology, 2017, 595, 4189-4206.	2.9	27
50	Docosahexaenoic Acid Supplementation in Pregnancy Modulates Placental Cellular Signaling and Nutrient Transport Capacity in Obese Women. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4557-4567.	3.6	19
51	Maternal folate deficiency causes inhibition of mTOR signaling, down-regulation of placental amino acid transporters and fetal growth restriction in mice. Scientific Reports, 2017, 7, 3982.	3.3	54
52	Glyburide treatment in gestational diabetes is associated with increased placental glucose transporter 1 expression and higher birth weight. Placenta, 2017, 57, 52-59.	1.5	24
53	Effects of maternal obesity on placental function and fetal development. Reproduction, 2017, 153, R97-R108.	2.6	230
54	Placental Nutrient Transport in Gestational Diabetic Pregnancies. Frontiers in Endocrinology, 2017, 8, 306.	3.5	64

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55	Placental Responses to Changes in the Maternal Environment Determine Fetal Growth. Frontiers in Physiology, 2016, 7, 12.	2.8	188
56	Regulation of amino acid transporter trafficking by mTORC1Âin primary human trophoblast cells is mediated by the ubiquitin ligase Nedd4-2. Clinical Science, 2016, 130, 499-512.	4.3	76
57	Mechanistic target of rapamycin (mTOR) regulates trophoblast folate uptake by modulating the cell surface expression of FR-Î± and the RFC. Scientific Reports, 2016, 6, 31705.	3.3	37
58	Fetus-derived DLK1 is required for maternal metabolic adaptations to pregnancy and is associated with fetal growth restriction. Nature Genetics, 2016, 48, 1473-1480.	21.4	79
59	Down-Regulation of Placental Transport of Amino Acids Precedes the Development of Intrauterine Growth Restriction in Maternal Nutrient Restricted Baboons. Biology of Reproduction, 2016, 95, 98-98.	2.7	51
60	Activation of placental insulin and mTOR signaling in a mouse model of maternal obesity associated with fetal overgrowth. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R87-R93.	1.8	57
61	Protein expression of fatty acid transporter 2 is polarized to the trophoblast basal plasma membrane and increased in placentas from overweight/obese women. Placenta, 2016, 40, 60-66.	1.5	58
62	A novel rat model of gestational diabetes induced by intrauterine programming is associated with alterations in placental signaling and fetal overgrowth. Molecular and Cellular Endocrinology, 2016, 422, 221-232.	3.2	45
63	Reply to Carbillon: Fetal/placental weight ratio and placental function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E261-E261.	7.1	4
64	TNF-Î±stimulates System A amino acid transport in primary human trophoblast cells mediated by p38 MAPK signaling. Physiological Reports, 2015, 3, e12594.	1.7	36
65	Increased ubiquitination and reduced plasma membrane trafficking of placental amino acid transporter SNAT-2Âin human IUGR. Clinical Science, 2015, 129, 1131-1141.	4.3	71
66	Increased placental nutrient transport in a novel mouse model of maternal obesity with fetal overgrowth. Obesity, 2015, 23, 1663-1670.	3.0	95
67	Expression and functional characterisation of System L amino acid transporters in the human term placenta. Reproductive Biology and Endocrinology, 2015, 13, 57.	3.3	59
68	Reduced placental amino acid transport in response to maternal nutrient restriction in the baboon. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R740-R746.	1.8	29
69	Increased placental fatty acid transporter 6 and binding protein 3 expression and fetal liver lipid accumulation in a mouse model of obesity in pregnancy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1569-R1577.	1.8	46
70	The Role of Placental Inflammasomes in Linking the Adverse Effects of Maternal Obesity on Fetal Development. , 2015, , 77-90.		4
71	Adiponectin supplementation in pregnant mice prevents the adverse effects of maternal obesity on placental function and fetal growth. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12858-12863.	7.1	128
72	Increased glucose and placental GLUT-1 in large infants of obese nondiabetic mothers. American Journal of Obstetrics and Gynecology, 2015, 212, 227.e1-227.e7.	1.3	80

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73	Differential regulation of placental amino acid transport by saturated and unsaturated fatty acids. American Journal of Physiology - Cell Physiology, 2014, 307, C738-C744.	4.6	30
74	Downâ€regulation of placental mTOR, insulin/IGFâ€‐signaling, and nutrient transporters in response to maternal nutrient restriction in the baboon. FASEB Journal, 2014, 28, 1294-1305.	0.5	109
75	Labor inhibits placental mechanistic target of rapamycin complex 1Âsignaling. Placenta, 2014, 35, 1007-1012.	1.5	12
76	Adiponectin Inhibits Insulin Function in Primary Trophoblasts by PPARÎ±-Mediated Ceramide Synthesis. Molecular Endocrinology, 2014, 28, 512-524.	3.7	64
77	Diet-induced obesity in mice reduces placental efficiency and inhibits placental mTOR signaling. Physiological Reports, 2014, 2, e00242.	1.7	38
78	Adiponectin and IGFBP-1 in the development of gestational diabetes in obese mothers. BMJ Open Diabetes Research and Care, 2014, 2, e000010.	2.8	31
79	Increasing Maternal Body Mass Index Is Associated with Systemic Inflammation in the Mother and the Activation of Distinct Placental Inflammatory Pathways1. Biology of Reproduction, 2014, 90, 129.	2.7	210
80	The Role of Placental Nutrient Sensing in Maternal-Fetal Resource Allocation1. Biology of Reproduction, 2014, 91, 82.	2.7	107
81	Expression and localization of the omega-3 fatty acid receptor GPR120 in human term placenta. Placenta, 2014, 35, 523-525.	1.5	16
82	Reply to â€œLetter to the editor: â€˜Fatty acids and placental transport: insight or in vitro artifact?â€™â€• American Journal of Physiology - Cell Physiology, 2014, 307, C1069-C1069.	4.6	0
83	Interleukin-1Î² inhibits insulin signaling and prevents insulin-stimulated system A amino acid transport in primary human trophoblasts. Molecular and Cellular Endocrinology, 2013, 381, 46-55.	3.2	72
84	Placental transport in response to altered maternal nutrition. Journal of Developmental Origins of Health and Disease, 2013, 4, 101-115.	1.4	92
85	Oleic acid stimulates system A amino acid transport in primary human trophoblast cells mediated by toll-like receptor 4. Journal of Lipid Research, 2013, 54, 725-733.	4.2	51
86	Mammalian target of rapamycin signalling modulates amino acid uptake by regulating transporter cell surface abundance in primary human trophoblast cells. Journal of Physiology, 2013, 591, 609-625.	2.9	152
87	Activation of Placental mTOR Signaling and Amino Acid Transporters in Obese Women Giving Birth to Large Babies. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 105-113.	3.6	232
88	Maternal Overweight Induced by a Diet with High Content of Saturated Fat Activates Placental mTOR and eIF2alpha Signaling and Increases Fetal Growth in Rats1. Biology of Reproduction, 2013, 89, 96.	2.7	66
89	Role of Placental Nutrient Sensing in Developmental Programming. Clinical Obstetrics and Gynecology, 2013, 56, 591-601.	1.1	123
90	Regulation of Nutrient Transport across the Placenta. Journal of Pregnancy, 2012, 2012, 1-14.	2.4	316

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91	Chronic maternal infusion of fullâ€length adiponectin in pregnant mice downâ€regulates placental amino acid transporter activity and expression and decreases fetal growth. Journal of Physiology, 2012, 590, 1495-1509.	2.9	80
92	Effect of IL-6 and TNF-Î± on fatty acid uptake in cultured human primary trophoblast cells. Placenta, 2011, 32, 121-127.	1.5	97
93	Fetal serum folate concentrations and placental folate transport in obese women. American Journal of Obstetrics and Gynecology, 2011, 205, 83.e17-83.e25.	1.3	17
94	Maternal Protein Restriction in the Rat Inhibits Placental Insulin, mTOR, and STAT3 Signaling and Down-Regulates Placental Amino Acid Transporters. Endocrinology, 2011, 152, 1119-1129.	2.8	146
95	Full-Length Adiponectin Attenuates Insulin Signaling and Inhibits Insulin-Stimulated Amino Acid Transport in Human Primary Trophoblast Cells. Diabetes, 2010, 59, 1161-1170.	0.6	114
96	Highâ€fat diet before and during pregnancy causes marked upâ€regulation of placental nutrient transport and fetal overgrowth in C57/BL6 mice. FASEB Journal, 2009, 23, 271-278.	0.5	257
97	Placental mTOR links maternal nutrient availability to fetal growth. Biochemical Society Transactions, 2009, 37, 295-298.	3.4	132
98	The Role of Trophoblast Nutrient and Ion Transporters in the Development of Pregnancy Complications and Adult Disease. Current Vascular Pharmacology, 2009, 7, 521-533.	1.7	57
99	Maternal hormones linking maternal body mass index and dietary intake to birth weight. American Journal of Clinical Nutrition, 2008, 87, 1743-1749.	4.7	139
100	Effect of maternal triglycerides and free fatty acids on placental LPL in cultured primary trophoblast cells and in a case of maternal LPL deficiency. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E24-E30.	3.5	40
101	Role of the placenta in fetal programming: underlying mechanisms and potential interventional approaches. Clinical Science, 2007, 113, 1-13.	4.3	415
102	Mammalian target of rapamycin in the human placenta regulates leucine transport and is down-regulated in restricted fetal growth. Journal of Physiology, 2007, 582, 449-459.	2.9	239
103	Brief hyperglycaemia in the early pregnant rat increases fetal weight at term by stimulating placental growth and affecting placental nutrient transport. Journal of Physiology, 2007, 581, 1323-1332.	2.9	72
104	Regulation of Placental Nutrient Transport â€“ A Review. Placenta, 2007, 28, 763-774.	1.5	182
105	Down-regulation of placental transport of amino acids precedes the development of intrauterine growth restriction in rats fed a low protein diet. Journal of Physiology, 2006, 576, 935-946.	2.9	89
106	Gestational and hormonal regulation of human placental lipoprotein lipase. Journal of Lipid Research, 2006, 47, 2551-2561.	4.2	78
107	Placental Lactate Transporter Activity and Expression in Intrauterine Growth Restriction. Journal of the Society for Gynecologic Investigation, 2006, 13, 357-363.	1.7	29
108	Down-regulation of placental transport of amino acids precedes the development of intrauterine growth restriction in rats fed a low protein diet. Journal of Physiology, 2006, 576, 935-946.	2.9	253

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109	Hormonal regulation of glucose and system A amino acid transport in first trimester placental villous fragments. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R656-R662.	1.8	68
110	Placental Phenotypes of Intrauterine Growth. Pediatric Research, 2005, 58, 827-832.	2.3	216
111	Glucose transporter isoform 4 is expressed in the syncytiotrophoblast of first trimester human placenta. Human Reproduction, 2005, 20, 521-530.	0.9	109
112	Glucose Metabolism in the Human Preterm and Term Placenta of IUGR Fetuses. Placenta, 2004, 25, 337-346.	1.5	34
113	Non-Gastric H+/K+ATPase is Present in the Microvillous Membrane of the Human Placental Syncytiotrophoblast. Placenta, 2004, 25, 505-511.	1.5	16
114	Triglyceride Hydrolase Activities and Expression of Fatty Acid Binding Proteins in the Human Placenta in Pregnancies Complicated by Intrauterine Growth Restriction and Diabetes. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4607-4614.	3.6	174
115	ATP Dependent Ca2+ Transport Across Basal Membrane of Human Syncytiotrophoblast in Pregnancies Complicated by Intrauterine Growth Restriction or Diabetes. Placenta, 2003, 24, 445-452.	1.5	55
116	Leptin Stimulates the Activity of the System A Amino Acid Transporter in Human Placental Villous Fragments. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1205-1211.	3.6	219
117	Parathyroid hormone-related peptide (38-94) amide stimulates ATP-dependent calcium transport in the Basal plasma membrane of the human syncytiotrophoblast. Journal of Endocrinology, 2002, 175, 517-524.	2.6	44
118	Alterations in the Activity of Placental Amino Acid Transporters in Pregnancies Complicated by Diabetes. Diabetes, 2002, 51, 2214-2219.	0.6	206
119	Activity and Protein Expression of the Na+/H+Exchanger Is Reduced in Syncytiotrophoblast Microvillous Plasma Membranes Isolated from Preterm Intrauterine Growth Restriction Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5686-5694.	3.6	64
120	Na+/K+-ATPase Activity and Expression in Syncytiotrophoblast Plasma Membranes in Pregnancies Complicated by Diabetes. Placenta, 2002, 23, 386-391.	1.5	23
121	Glucose Transport and System A Activity in Syncytiotrophoblast Microvillous and Basal Plasma Membranes in Intrauterine Growth Restriction. Placenta, 2002, 23, 392-399.	1.5	211
122	Dynamic involvement of the inducible type of nitric oxide synthase in acid-induced duodenal mucosal alkaline secretion in the rat. Digestive Diseases and Sciences, 2001, 46, 1765-1771.	2.3	19
123	Placental glucose transport in gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 2001, 184, 111-116.	1.3	94
124	Placental nutrient transfer and fetal growth. Nutrition, 2000, 16, 500-502.	2.4	53
125	Activity and Expression of the Na+/H+ Exchanger in the Microvillous Plasma Membrane of the Syncytiotrophoblast in Relation to Gestation and Small for Gestational Age Birth. Pediatric Research, 2000, 48, 652-659.	2.3	32
126	ATP-Dependent Ca2+ Transport Is Up-Regulated during Third Trimester in Human Syncytiotrophoblast Basal Membranes. Pediatric Research, 2000, 48, 58-63.	2.3	45

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127	Gestational Development of Water and Non-electrolyte Permeability of Human Syncytiotrophoblast Plasma Membranes. Placenta, 1999, 20, 155-160.	1.5	30
128	Placental glucose transport and GLUT 1 expression in insulin-dependent diabetes. American Journal of Obstetrics and Gynecology, 1999, 180, 163-168.	1.3	153
129	Composition and permeability of syncytiotrophoblast plasma membranes in pregnancies complicated by intrauterine growth restriction. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1420, 86-94.	2.6	29
130	Mechanisms of chloride transport across the syncytiotrophoblast basal membrane in the human placenta. Placenta, 1998, 19, 315-321.	1.5	31
131	Chloride Transport across Syncytiotrophoblast Microvillous Membrane of First Trimester Human Placenta. Pediatric Research, 1998, 44, 226-232.	2.3	11
132	Intrauterine Growth Restriction Is Associated with a Reduced Activity of Placental Taurine Transporters. Pediatric Research, 1998, 44, 233-238.	2.3	182
133	Placental Transport of Leucine and Lysine Is Reduced in Intrauterine Growth Restriction1. Pediatric Research, 1998, 44, 532-537.	2.3	208
134	Nonâ€electrolyte solute permeabilities of human placental microvillous and basal membranes.. Journal of Physiology, 1993, 468, 261-274.	2.9	42
135	Elevated fetal plasma lactate produces polyhydramnios in the sheep. American Journal of Obstetrics and Gynecology, 1991, 165, 1595-1607.	1.3	27
136	Placental amino acid transporters. , 0, , 147-160.		1