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	Role of the placenta in fetal programming: underlying mechanisms and potential interventional approaches. Clinical Science, 2007, 113, 1-13.	4.3	415
2	Regulation of Nutrient Transport across the Placenta. Journal of Pregnancy, 2012, 2012, 1-14.	2.4	316
3	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
4	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
5	Inhibition of placental mTOR signaling provides a link between placental malaria and reduced birthweight. BMC Medicine, 2017, 15, 1.	5.5	242
6	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
7	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
8	Effects of maternal obesity on placental function and fetal development. Reproduction, 2017, 153, R97-R108.	2.6	230
9	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
10	Placental Phenotypes of Intrauterine Growth. Pediatric Research, 2005, 58, 827-832.	2.3	216
11	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
12	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
13	Placental Transport of Leucine and Lysine Is Reduced in Intrauterine Growth Restriction1. Pediatric Research, 1998, 44, 532-537.	2.3	208
14	Alterations in the Activity of Placental Amino Acid Transporters in Pregnancies Complicated by Diabetes. Diabetes, 2002, 51, 2214-2219.	0.6	206
15	Placental Responses to Changes in the Maternal Environment Determine Fetal Growth. Frontiers in Physiology, 2016, 7, 12.	2.8	188
16	Regulation of Placental Nutrient Transport â€“ A Review. Placenta, 2007, 28, 763-774.	1.5	182
17	Intrauterine Growth Restriction Is Associated with a Reduced Activity of Placental Taurine Transporters. Pediatric Research, 1998, 44, 233-238.	2.3	182
18	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

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19	Placental glucose transport and GLUT 1 expression in insulin-dependent diabetes. American Journal of Obstetrics and Gynecology, 1999, 180, 163-168.	1.3	153
20	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
21	Developmental origins of metabolic diseases. Physiological Reviews, 2021, 101, 739-795.	28.8	150
22	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
23	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
24	Placental mTOR links maternal nutrient availability to fetal growth. Biochemical Society Transactions, 2009, 37, 295-298.	3.4	132
25	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
26	Role of Placental Nutrient Sensing in Developmental Programming. Clinical Obstetrics and Gynecology, 2013, 56, 591-601.	1.1	123
27	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
28	Glucose transporter isoform 4 is expressed in the syncytiotrophoblast of first trimester human placenta. Human Reproduction, 2005, 20, 521-530.	0.9	109
29	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
30	The Role of Placental Nutrient Sensing in Maternal-Fetal Resource Allocation1. Biology of Reproduction, 2014, 91, 82.	2.7	107
31	Placental function in maternal obesity. Clinical Science, 2020, 134, 961-984.	4.3	103
32	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
33	Increased placental nutrient transport in a novel mouse model of maternal obesity with fetal overgrowth. Obesity, 2015, 23, 1663-1670.	3.0	95
34	Placental glucose transport in gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 2001, 184, 111-116.	1.3	94
35	Placental transport in response to altered maternal nutrition. Journal of Developmental Origins of Health and Disease, 2013, 4, 101-115.	1.4	92
36	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

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37	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
38	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
39	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
40	Gestational and hormonal regulation of human placental lipoprotein lipase. Journal of Lipid Research, 2006, 47, 2551-2561.	4.2	78
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Adiponectin Inhibits Insulin Function in Primary Trophoblasts by PPARÎ±-Mediated Ceramide Synthesis. Molecular Endocrinology, 2014, 28, 512-524.	3.7	64
49	Placental Nutrient Transport in Gestational Diabetic Pregnancies. Frontiers in Endocrinology, 2017, 8, 306.	3.5	64
50	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
51	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
52	Regulation of glucose homeostasis by small extracellular vesicles in normal pregnancy and in gestational diabetes. FASEB Journal, 2020, 34, 5724-5739.	0.5	58
53	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
54	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

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55	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
56	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
57	Placental nutrient transfer and fetal growth. Nutrition, 2000, 16, 500-502.	2.4	53
58	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
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	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
61	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
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	Alterations in placental long chain polyunsaturated fatty acid metabolism in human intrauterine growth restriction. Clinical Science, 2018, 132, 595-607.	4.3	45
64	ATP-Dependent Ca2+ Transport Is Up-Regulated during Third Trimester in Human Syncytiotrophoblast Basal Membranes. Pediatric Research, 2000, 48, 58-63.	2.3	45
65	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
66	Nonâ€electrolyte solute permeabilities of human placental microvillous and basal membranes.. Journal of Physiology, 1993, 468, 261-274.	2.9	42
67	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
68	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
69	Placental lipoprotein lipase activity is positively associated with newborn adiposity. Placenta, 2018, 64, 53-60.	1.5	40
70	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
71	Diet-induced obesity in mice reduces placental efficiency and inhibits placental mTOR signaling. Physiological Reports, 2014, 2, e00242.	1.7	38
72	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

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73	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
74	Glucose Metabolism in the Human Preterm and Term Placenta of IUGR Fetuses. Placenta, 2004, 25, 337-346.	1.5	34
75	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
76	Mechanisms of chloride transport across the syncytiotrophoblast basal membrane in the human placenta. Placenta, 1998, 19, 315-321.	1.5	31
77	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
78	Gestational Development of Water and Non-electrolyte Permeability of Human Syncytiotrophoblast Plasma Membranes. Placenta, 1999, 20, 155-160.	1.5	30
79	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
80	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
81	Placental Lactate Transporter Activity and Expression in Intrauterine Growth Restriction. Journal of the Society for Gynecologic Investigation, 2006, 13, 357-363.	1.7	29
82	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
83	Normalizing adiponectin levels in obese pregnant mice prevents adverse metabolic outcomes in offspring. FASEB Journal, 2019, 33, 2899-2909.	0.5	29
84	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
85	Elevated fetal plasma lactate produces polyhydramnios in the sheep. American Journal of Obstetrics and Gynecology, 1991, 165, 1595-1607.	1.3	27
86	mTOR folate sensing links folate availability to trophoblast cell function. Journal of Physiology, 2017, 595, 4189-4206.	2.9	27
87	Down-regulation of placental folate transporters in intrauterine growth restriction. Journal of Nutritional Biochemistry, 2018, 59, 136-141.	4.2	27
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	Na+/K+-ATPase Activity and Expression in Syncytiotrophoblast Plasma Membranes in Pregnancies Complicated by Diabetes. Placenta, 2002, 23, 386-391.	1.5	23
96	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
97	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
98	Placenta-specific Slc38a2/SNAT2 knockdown causes fetal growth restriction in mice. Clinical Science, 2021, 135, 2049-2066.	4.3	22
99	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
100	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
101	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
102	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
103	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
104	Maternal obesity causes fetal cardiac hypertrophy and alters adult offspring myocardial metabolism in mice. Journal of Physiology, 2022, 600, 3169-3191.	2.9	18
105	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
106	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
107	Non-Gastric H+/K+ATPase is Present in the Microvillous Membrane of the Human Placental Syncytiotrophoblast. Placenta, 2004, 25, 505-511.	1.5	16
108	Expression and localization of the omega-3 fatty acid receptor GPR120 in human term placenta. Placenta, 2014, 35, 523-525.	1.5	16

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109	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
110	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
111	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
112	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
113	Adiponectin links maternal metabolism to uterine contractility. FASEB Journal, 2019, 33, 14588-14601.	0.5	13
114	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
115	Labor inhibits placental mechanistic target of rapamycin complex 1Âsignaling. Placenta, 2014, 35, 1007-1012.	1.5	12
116	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
117	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
118	Effect of high altitude on human placental amino acid transport. Journal of Applied Physiology, 2020, 128, 127-133.	2.5	12
119	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
120	Chloride Transport across Syncytiotrophoblast Microvillous Membrane of First Trimester Human Placenta. Pediatric Research, 1998, 44, 226-232.	2.3	11
121	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
122	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
123	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
124	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
125	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
126	Inhibition of MTOR signaling impairs rat embryo organogenesis by affecting folate availability. Reproduction, 2021, 161, 365-373.	2.6	6

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127	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
128	Normalization of maternal adiponectin in obese pregnant mice prevents programming of impaired glucose metabolism in adult offspring. FASEB Journal, 2022, 36, .	0.5	6
129	The Role of Placental Inflammasomes in Linking the Adverse Effects of Maternal Obesity on Fetal Development. , 2015, , 77-90.		4
130	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
131	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
132	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
133	Placental proteins with predicted roles in fetal development decrease in premature infants. Pediatric Research, 2022, 92, 1316-1324.	2.3	2
134	Placental amino acid transporters. , 0, , 147-160.		1
135	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
136	Placental Nutrient Transport. , 2018, , 537-543.		0