Thomas Jansson

List of Publications by Year
in descending order

133 papers	7,606 citations	47006 47 h-index	58581 82 g-index
139 all docs	139 docs citations	139 times ranked	5903 citing authors

#	Article	IF	Citations
1	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
2	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
3	Inhibition of placental mTOR signaling provides a link between placental malaria and reduced birthweight. BMC Medicine, 2017, 15, 1.	5.5	242
4	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
5	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
6	Placental Phenotypes of Intrauterine Growth. Pediatric Research, 2005, 58, 827-832.	2.3	216
7	Amino Acid Transporters in the Human Placenta. Pediatric Research, 2001, 49, 141-147.	2.3	211
8	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
9	Placental Transport of Leucine and Lysine Is Reduced in Intrauterine Growth Restriction1. Pediatric Research, 1998, 44, 532-537.	2.3	208
10	Alterations in the Activity of Placental Amino Acid Transporters in Pregnancies Complicated by Diabetes. Diabetes, 2002, 51, 2214-2219.	0.6	206
11	Interleukin-6 in the Maternal Circulation Reaches the Rat Fetus in Mid-gestation. Pediatric Research, 2006, 60, 147-151.	2.3	203
12	Placental Responses to Changes in the Maternal Environment Determine Fetal Growth. Frontiers in Physiology, 2016, 7, 12.	2.8	188
13	Intrauterine Growth Restriction Is Associated with a Reduced Activity of Placental Taurine Transporters. Pediatric Research, 1998, 44, 233-238.	2.3	182
14	Placental glucose transport and GLUT 1 expression in insulin-dependent diabetes. American Journal of Obstetrics and Gynecology, 1999, 180, 163-168.	1.3	153
15	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
16	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
17	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
18	Placental mTOR links maternal nutrient availability to fetal growth. Biochemical Society Transactions, 2009, 37, 295-298.	3.4	132

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19	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
20	Role of Placental Nutrient Sensing in Developmental Programming. Clinical Obstetrics and Gynecology, 2013, 56, 591-601.	1.1	123
21	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
22	Downâ€regulation of placental mTOR, insulin/IGFâ€I signaling, and nutrient transporters in response to maternal nutrient restriction in the baboon. FASEB Journal, 2014, 28, 1294-1305.	0.5	109
23	The Role of Placental Nutrient Sensing in Maternal-Fetal Resource Allocation1. Biology of Reproduction, 2014, 91, 82.	2.7	107
24	Placental function in maternal obesity. Clinical Science, 2020, 134, 961-984.	4.3	103
25	Human placental exosomes in gestational diabetes mellitus carry a specific set of miRNAs associated with skeletal muscle insulin sensitivity. Clinical Science, 2018, 132, 2451-2467.	4.3	96
26	Increased placental nutrient transport in a novel mouse model of maternal obesity with fetal overgrowth. Obesity, 2015, 23, 1663-1670.	3.0	95
27	Placental glucose transport in gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 2001, 184, 111-116.	1.3	94
28	Maternal testosterone exposure increases anxiety-like behavior and impacts the limbic system in the offspring. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14348-14353.	7.1	91
29	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
30	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
31	Placental Transfer of Glucose and Amino Acids in Intrauterine Growth Retardation: Studies with Substrate Analogs in the Awake Guinea Pig. Pediatric Research, 1990, 28, 203-208.	2.3	76
32	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
33	Adipose Tissue Exosomal Proteomic Profile Reveals a Role on Placenta Glucose Metabolism in Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1735-1752.	3.6	75
34	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
35	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
36	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

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37	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
38	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
39	Adiponectin Inhibits Insulin Function in Primary Trophoblasts by PPARÎ±-Mediated Ceramide Synthesis. Molecular Endocrinology, 2014, 28, 512-524.	3.7	64
40	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
41	Regulation of glucose homeostasis by small extracellular vesicles in normal pregnancy and in gestational diabetes. FASEB Journal, 2020, 34, 5724-5739.	0.5	58
42	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
43	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
44	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
45	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
46	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
47	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
48	Osmotic water permeabilities of human placental microvillous and basal membranes. Journal of Membrane Biology, 1993, 132, 147-55.	2.1	48
49	Cloning of Two Novel Growth Hormone Transcripts Expressed in Human Placenta1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2878-2885.	3.6	47
50	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
51	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
52	Alterations in placental long chain polyunsaturated fatty acid metabolism in human intrauterine growth restriction. Clinical Science, 2018, 132, 595-607.	4.3	45
53	Maternal taurine supplementation in the late pregnant rat stimulates postnatal growth and induces obesity and insulin resistance in adult offspring. Journal of Physiology, 2007, 579, 823-833.	2.9	43
54	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

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55	Uptake and release of amino acids in the fetal-placental unit in human pregnancies. PLoS ONE, 2017, 12, e0185760.	2.5	42
56	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
57	Diet-induced obesity in mice reduces placental efficiency and inhibits placental mTOR signaling. Physiological Reports, 2014, 2, e00242.	1.7	38
58	Novel roles of mechanistic target of rapamycin signaling in regulating fetal growthâ€. Biology of Reproduction, 2019, 100, 872-884.	2.7	38
59	Expression of the Placental Transcriptome in Maternal Nutrient Reduction in Baboons Is Dependent on Fetal Sex. Journal of Nutrition, 2013, 143, 1698-1708.	2.9	37
60	Liver mTOR Controls IGF-I Bioavailability by Regulation of Protein Kinase CK2 and IGFBP-1 Phosphorylation in Fetal Growth Restriction. Endocrinology, 2014, 155, 1327-1339.	2.8	37
61	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
62	TNF-<i>Î±</i>stimulates System A amino acid transport in primary human trophoblast cells mediated by p38 MAPK signaling. Physiological Reports, 2015, 3, e12594.	1.7	36
63	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
64	Complex, coordinated and highly regulated changes in placental signaling and nutrient transport capacity in IUGR. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165373.	3.8	32
65	Adiponectin receptor agonist AdipoRon induces apoptotic cell death and suppresses proliferation in human ovarian cancer cells. Molecular and Cellular Biochemistry, 2019, 461, 37-46.	3.1	31
66	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
67	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
68	Normalizing adiponectin levels in obese pregnant mice prevents adverse metabolic outcomes in offspring. FASEB Journal, 2019, 33, 2899-2909.	0.5	29
69	Effect of 30Â% nutrient restriction in the first half of gestation on maternal and fetal baboon serum amino acid concentrations. British Journal of Nutrition, 2013, 109, 1382-1388.	2.3	28
70	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
71	mTOR folate sensing links folate availability to trophoblast cell function. Journal of Physiology, 2017, 595, 4189-4206.	2.9	27
72	Down-regulation of placental folate transporters in intrauterine growth restriction. Journal of Nutritional Biochemistry, 2018, 59, 136-141.	4.2	27

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73	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
74	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
75	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
76	Effect of khat on maternal food intake, maternal weight gain and fetal growth in the late-pregnant guinea pig. Journal of Ethnopharmacology, 1988, 23, 11-17.	4.1	26
77	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
78	Placenta plays a critical role in maternalâ€“fetal resource allocation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11066-11068.	7.1	25
79	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
80	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
81	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
82	Effect of khat on uteroplacental blood flow in awake, chronically catheterized, late-pregnant guinea pigs. Journal of Ethnopharmacology, 1988, 23, 19-26.	4.1	23
83	Hypoxia Increases IGFBP-1 Phosphorylation Mediated by mTOR Inhibition. Molecular Endocrinology, 2016, 30, 201-216.	3.7	23
84	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
85	Impaired placental autophagy in placental malaria. PLoS ONE, 2017, 12, e0187291.	2.5	22
86	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
87	Placenta-specific <i>Slc38a2</i>/SNAT2 knockdown causes fetal growth restriction in mice. Clinical Science, 2021, 135, 2049-2066.	4.3	22
88	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
89	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
90	Maternal testosterone and placental function: Effect of electroacupuncture on placental expression of angiogenic markers and fetal growth. Molecular and Cellular Endocrinology, 2016, 433, 1-11.	3.2	19

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91	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
92	Maternal obesity causes fetal cardiac hypertrophy and alters adult offspring myocardial metabolism in mice. Journal of Physiology, 2022, 600, 3169-3191.	2.9	18
93	Responsiveness to norepinephrine of the vessels supplying the placenta of growth-retarded fetuses. American Journal of Obstetrics and Gynecology, 1988, 158, 1233-1237.	1.3	17
94	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
95	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
96	Effects of maternal nutrient restriction, intrauterine growth restriction, and glucocorticoid exposure on phosphoenolpyruvate carboxykinaseâ€1 expression in fetal baboon hepatocytes <i>in vitro</i>. Journal of Medical Primatology, 2013, 42, 211-219.	0.6	15
97	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
98	Exposure of decidualized HIESC to low oxygen tension and leucine deprivation results in increased IGFBP-1 phosphorylation and reduced IGF-I bioactivity. Molecular and Cellular Endocrinology, 2017, 452, 1-14.	3.2	15
99	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
100	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
101	Effect of the Khat Alkaloid (+)Norpseudoephedrine on Uteroplacental Blood Flow in the Guinea Pig. Pharmacology, 1987, 34, 89-95.	2.2	13
102	Increased IGFBP-1 phosphorylation in response to leucine deprivation is mediated by CK2 and PKC. Molecular and Cellular Endocrinology, 2016, 425, 48-60.	3.2	13
103	Co-Localization of Insulin-Like Growth Factor Binding Protein-1, Casein Kinase-2Î², and Mechanistic Target of Rapamycin in Human Hepatocellular Carcinoma Cells as Demonstrated by Dual Immunofluorescence and in Situ Proximity Ligation Assay. American Journal of Pathology, 2018, 188, 111-124.	3.8	13
104	Adiponectin links maternal metabolism to uterine contractility. FASEB Journal, 2019, 33, 14588-14601.	0.5	13
105	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
106	Novel mechanism causing restricted fetal growth: does maternal homocysteine impair placental amino acid transport?. Journal of Physiology, 2009, 587, 4123-4123.	2.9	12
107	IGFBP-1 hyperphosphorylation in response to leucine deprivation is mediated by the AAR pathway. Molecular and Cellular Endocrinology, 2015, 412, 182-195.	3.2	12
108	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

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109	Effect of high altitude on human placental amino acid transport. Journal of Applied Physiology, 2020, 128, 127-133.	2.5	12
110	Placental Insulin/IGF-1 Signaling, PGC-1Î±, and Inflammatory Pathways Are Associated With Metabolic Outcomes at 4â€"6 Years of Age: The ECHO Healthy Start Cohort. Diabetes, 2021, 70, 745-751.	0.6	11
111	Chloride Transport across Syncytiotrophoblast Microvillous Membrane of First Trimester Human Placenta. Pediatric Research, 1998, 44, 226-232.	2.3	11
112	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
113	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
114	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
115	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
116	Maternal Diet Quality Is Associated with Placental Proteins in the Placental Insulin/Growth Factor, Environmental Stress, Inflammation, and mTOR Signaling Pathways: The Healthy Start ECHO Cohort. Journal of Nutrition, 2022, 152, 816-825.	2.9	9
117	Increased Insulin-like Growth Factor Binding Protein-1 Phosphorylation in Decidualized Stromal Mesenchymal Cells in Human Intrauterine Growth Restriction Placentas. Journal of Histochemistry and Cytochemistry, 2018, 66, 617-630.	2.5	8
118	Hyperphosphorylation of fetal liver IGFBP-1 precedes slowing of fetal growth in nutrient-restricted baboons and may be a mechanism underlying IUGR. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E614-E628.	3.5	8
119	Associations between the activity of placental nutrient-sensing pathways and neonatal and postnatal metabolic health: the ECHO Healthy Start cohort. International Journal of Obesity, 2020, 44, 2203-2212.	3.4	6
120	Inhibition of MTOR signaling impairs rat embryo organogenesis by affecting folate availability. Reproduction, 2021, 161, 365-373.	2.6	6
121	Effects of blockade of the endothelin receptor A and inhibition of nitric oxide synthesis on uteroplacental and renal blood flow in awake pregnant rats. American Journal of Obstetrics and Gynecology, 2005, 192, 295-301.	1.3	5
122	Inhibition of decidual IGF-1 signaling in response to hypoxia and leucine deprivation is mediated by mTOR and AAR pathways and increased IGFBP-1 phosphorylation. Molecular and Cellular Endocrinology, 2020, 512, 110865.	3.2	5
123	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
124	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
125	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
126	IGFBP-1 hyperphosphorylation in response to nutrient deprivation is mediated by activation of protein kinase CÎ± (PKCÎ±). Molecular and Cellular Endocrinology, 2021, 536, 111400.	3.2	3

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127	Mechanisms linking hypoxia to phosphorylation of insulinâ€like growth factor binding proteinâ€1 in baboon fetuses with intrauterine growth restriction and in cell culture. FASEB Journal, 2021, 35, e21788.	0.5	2
128	Mechanistic Target of Rapamycin Complex 1 Signaling Links Hypoxia to Increased IGFBP-1 Phosphorylation in Primary Human Decidualized Endometrial Stromal Cells. Biomolecules, 2021, 11, 1382.	4.0	2
129	Placental proteins with predicted roles in fetal development decrease in premature infants. Pediatric Research, 2022, 92, 1316-1324.	2.3	2
130	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
131	Preface. Placenta, 2017, 59, S1.	1.5	0
132	mTOR complex 1 decreases in the early gestation and is not impacted by maternal body mass index. Placenta, 2017, 57, 253-254.	1.5	0
133	Increased Colocalization and Interaction Between Decidual Protein Kinase A and Insulin-like Growth Factorâ€“Binding Protein-1 in Intrauterine Growth Restriction. Journal of Histochemistry and Cytochemistry, 2022, 70, 515-530.	2.5	0