

Epithelial-mesenchymal transition during extravillous

Cell Adhesion and Migration

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Oxygen and placental development; parallels and differences with tumour biology. <i>Placenta</i> , 2017, 56, 14-18.	0.7	55
2	Hypoxia Directs Human Extravillous Trophoblast Differentiation in a Hypoxia-Inducible Factor-Dependent Manner. <i>American Journal of Pathology</i> , 2017, 187, 767-780.	1.9	99
3	Insights into dovetailing GTD and Cancers. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 114, 77-90.	2.0	18
4	The cytotrophoblastic shell and complications of pregnancy. <i>Placenta</i> , 2017, 60, 134-139.	0.7	109
5	ADAM28 localizes to HLA-G + trophoblasts and promotes column cell outgrowth. <i>Placenta</i> , 2017, 55, 71-80.	0.7	8
6	Down-regulated long non-coding RNA-ATB in preeclampsia and its effect on suppressing migration, proliferation, and tube formation of trophoblast cells. <i>Placenta</i> , 2017, 49, 80-87.	0.7	38
7	FLT1 and transcriptome-wide polyadenylation site (PAS) analysis in preeclampsia. <i>Scientific Reports</i> , 2017, 7, 12139.	1.6	38
8	Leptin action in normal and pathological pregnancies. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 716-727.	1.6	128
9	A bioinformatics transcriptome meta-analysis highlights the importance of trophoblast differentiation in the pathology of hydatidiform moles. <i>Placenta</i> , 2018, 65, 29-36.	0.7	4
10	Placental basement membrane proteins are required for effective cytotrophoblast invasion in a three-dimensional bioprinted placenta model. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1476-1487.	2.1	42
11	Dysregulated Expression of RPS4Y1 (Ribosomal Protein S4, Y-Linked 1) Impairs STAT3 (Signal Transducer) Tj ETQq0 0 0 rgBT /Overlock 1 Preeclampsia. <i>Hypertension</i> , 2018, 71, 481-490.	1.3	33
12	Bone morphogenetic protein 2 promotes human trophoblast cell invasion by upregulating N-cadherin via non-canonical SMAD2/3 signaling. <i>Cell Death and Disease</i> , 2018, 9, 174.	2.7	44
13	A niche of trophoblast progenitor cells identified by integrin $\alpha 2$ is present in first trimester human placentas. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	54
14	MEF2 transcription factors in human placenta and involvement in cytotrophoblast invasion and differentiation. <i>Physiological Genomics</i> , 2018, 50, 10-19.	1.0	19
15	The role of DNA methylation in human trophoblast differentiation. <i>Epigenetics</i> , 2018, 13, 1154-1173.	1.3	38
16	New Insights Into the Role of Placental Aquaporins and the Pathogenesis of Preeclampsia. <i>Frontiers in Physiology</i> , 2018, 9, 1507.	1.3	10
17	Fermitin family homolog-2 (FERMT2) is highly expressed in human placental villi and modulates trophoblast invasion. <i>BMC Developmental Biology</i> , 2018, 18, 19.	2.1	9
18	Genome amplification and cellular senescence are hallmarks of human placenta development. <i>PLoS Genetics</i> , 2018, 14, e1007698.	1.5	64

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19	Regulation of Placental Development and Its Impact on Fetal Growth—New Insights From Mouse Models. <i>Frontiers in Endocrinology</i> , 2018, 9, 570.	1.5	275
20	Glycoprotein (Gp) ABCB1 plays a functional role in extravillous trophoblast (EVT) invasion and is decreased in the pre-eclamptic placenta. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5378-5393.	1.6	40
21	Morphological Characterization of Basally Located Uninucleate Trophoblast Cells as Precursors of Bovine Binucleate Trophoblast Giant Cells. <i>Cells Tissues Organs</i> , 2018, 205, 151-163.	1.3	9
22	ADAM8 localizes to extravillous trophoblasts within the maternal-fetal interface and potentiates trophoblast cell line migration through a β 1 integrin-mediated mechanism. <i>Molecular Human Reproduction</i> , 2018, 24, 495-509.	1.3	13
23	Uterine natural killer cells: Time for a re-appraisal?. <i>F1000Research</i> , 2019, 8, 999.	0.8	35
24	The Cxdr-Adam10 complex plays pivotal roles in tight junction integrity and early trophoblast development in mice. <i>Molecular Reproduction and Development</i> , 2019, 86, 1628-1638.	1.0	8
25	SIRT1 negatively regulates invasive and angiogenic activities of the extravillous trophoblast. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13167.	1.2	14
26	CircTRNC18 inhibits trophoblast cell migration and epithelial-mesenchymal transition by regulating miR-762/Grhl2 pathway in pre-eclampsia. <i>RNA Biology</i> , 2019, 16, 1565-1573.	1.5	66
27	Amphiregulin promotes trophoblast invasion and increases MMP9/TIMP1 ratio through ERK1/2 and Akt signal pathways. <i>Life Sciences</i> , 2019, 236, 116899.	2.0	19
28	TWIST1 Alleviates Hypoxia-induced Damage of Trophoblast Cells by inhibiting mitochondrial apoptosis pathway. <i>Experimental Cell Research</i> , 2019, 385, 111687.	1.2	14
29	The biological function of ELABELA and APJ signaling in the cardiovascular system and pre-eclampsia. <i>Hypertension Research</i> , 2019, 42, 928-934.	1.5	15
30	Transcriptomic and functional analyses of 3D placental extravillous trophoblast spheroids. <i>Scientific Reports</i> , 2019, 9, 12607.	1.6	18
31	The Increased lncRNA MIR503HG in Preeclampsia Modulated Trophoblast Cell Proliferation, Invasion, and Migration via Regulating Matrix Metalloproteinases and NF- κ B Signaling. <i>Disease Markers</i> , 2019, 2019, 1-12.	0.6	32
32	The interplay between thyroid hormones and the placenta: a comprehensive review. <i>Biology of Reproduction</i> , 2020, 102, 8-17.	1.2	29
33	Metabolism of cholesterol and progesterone is differentially regulated in primary trophoblastic subtypes and might be disturbed in recurrent miscarriages. <i>Journal of Lipid Research</i> , 2019, 60, 1922-1934.	2.0	32
34	New insight into the role of long non-coding RNAs in the pathogenesis of preeclampsia. <i>Hypertension in Pregnancy</i> , 2019, 38, 41-51.	0.5	23
35	Plausibility of trophoblastic-like regulation of cancer tissue. <i>Cancer Management and Research</i> , 2019, Volume 11, 5033-5046.	0.9	7
36	MicroRNA-210 regulates human trophoblast cell line HTR8/SVneo function by attenuating Notch1 expression: Implications for the role of microRNA-210 in pre-eclampsia. <i>Molecular Reproduction and Development</i> , 2019, 86, 896-907.	1.0	21

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37	High-fat diet intake modulates maternal intestinal adaptations to pregnancy and results in placental hypoxia, as well as altered fetal gut barrier proteins and immune markers. <i>Journal of Physiology</i> , 2019, 597, 3029-3051.	1.3	80
38	Human placenta and trophoblast development: key molecular mechanisms and model systems. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3479-3496.	2.4	414
39	Unveiling the role of microRNA-7 in linking TGF β -Smad-mediated epithelial-mesenchymal transition with negative regulation of trophoblast invasion. <i>FASEB Journal</i> , 2019, 33, 6281-6295.	0.2	28
40	Vasoactive intestinal peptide shapes first-trimester placenta trophoblast, vascular, and immune cell cooperation. <i>British Journal of Pharmacology</i> , 2019, 176, 964-980.	2.7	28
41	Lipoxin A4 interferes with embryo implantation via suppression of epithelial-mesenchymal transition. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13107.	1.2	20
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43	Novel Epigenetic Biomarkers in Pregnancy-Related Disorders and Cancers. <i>Cells</i> , 2019, 8, 1459.	1.8	17
44	3D Bioprinted GelMA Based Models for the Study of Trophoblast Cell Invasion. <i>Scientific Reports</i> , 2019, 9, 18854.	1.6	42
45	Diabesity-associated oxidative and inflammatory stress signalling in the early human placenta. <i>Molecular Aspects of Medicine</i> , 2019, 66, 21-30.	2.7	36
46	Expression of β -catenin in human trophoblast and its role in placenta accreta and placenta previa. <i>Journal of International Medical Research</i> , 2019, 47, 206-214.	0.4	4
47	Interleukin-27 Inhibits Trophoblast Cell Invasion and Migration by Affecting the Epithelial-Mesenchymal Transition in Preeclampsia. <i>Reproductive Sciences</i> , 2019, 26, 928-938.	1.1	25
48	Epigenetic Modifications in the Human Placenta. , 2019, , 293-311.		3
49	Regulation of placentation by the transforming growth factor beta superfamily. <i>Biology of Reproduction</i> , 2020, 102, 18-26.	1.2	39
50	Upregulated ARRDC3 limits trophoblast cell invasion and tube formation and is associated with preeclampsia. <i>Placenta</i> , 2020, 89, 10-19.	0.7	13
51	Interplay between neutrophils and trophoblast cells conditions trophoblast function and triggers vascular transformation signals. <i>Journal of Cellular Physiology</i> , 2020, 235, 3592-3603.	2.0	8
52	SPARCL1 impedes trophoblast migration and invasion by down-regulating ERK phosphorylation and AP-1 production and altering EMT-related molecule expression. <i>Placenta</i> , 2020, 89, 33-41.	0.7	14
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56	Expression of ESRP1 at human fetomaternal interface and involvement in trophoblast migration and invasion. <i>Placenta</i> , 2020, 90, 18-26.	0.7	3
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59	Proteomic identification of Placental Protein 1 (PP1), PP8, and PP22 and characterization of their placental expression in healthy pregnancies and in preeclampsia. <i>Placenta</i> , 2020, 99, 197-207.	0.7	3
60	Î²-TrCP suppresses the migration and invasion of trophoblast cells in preeclampsia by down-regulating Snail. <i>Experimental Cell Research</i> , 2020, 395, 112230.	1.2	14
61	Autophagy regulates trophoblast invasion by targeting NF-Î²B activity. <i>Scientific Reports</i> , 2020, 10, 14033.	1.6	23
62	Evidence for the placenta-brain axis: multi-omic kernel aggregation predicts intellectual and social impairment in children born extremely preterm. <i>Molecular Autism</i> , 2020, 11, 97.	2.6	26
63	Downregulated placental expression of linc00468 contributes to trophoblast dysfunction by inducing epithelial-mesenchymal transition. <i>Annals of Translational Medicine</i> , 2020, 8, 333-333.	0.7	6
64	Pivotal role of the transcriptional co-activator YAP in trophoblast stemness of the developing human placenta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13562-13570.	3.3	95
65	Reawakening the Developmental Origins of Cancer Through Transposable Elements. <i>Frontiers in Oncology</i> , 2020, 10, 468.	1.3	21
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67	The Role of NFÎ²B in Healthy and Preeclamptic Placenta: Trophoblasts in the Spotlight. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1775.	1.8	46
68	The TGFÎ² Family in Human Placental Development at the Fetal-Maternal Interface. <i>Biomolecules</i> , 2020, 10, 453.	1.8	23
69	The Number of Circulating Fetal Extravillous Trophoblasts Varies from Gestational Week 6 to 20. <i>Reproductive Sciences</i> , 2020, 27, 2170-2174.	1.1	14
70	Chromosome 19 microRNA cluster enhances cell reprogramming by inhibiting epithelial-to-mesenchymal transition. <i>Scientific Reports</i> , 2020, 10, 3029.	1.6	40
71	Trophoblast lineage-specific differentiation and associated alterations in preeclampsia and fetal growth restriction. <i>Placenta</i> , 2020, 102, 4-9.	0.7	39
72	Trophoblast invasion: Lessons from abnormally invasive placenta (placenta accreta). <i>Placenta</i> , 2020, 102, 61-66.	0.7	56

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73	BST2 regulates interferon gamma-dependent decrease in invasion of HTR-8/SVneo cells via STAT1 and AKT signaling pathways and expression of E-cadherin. <i>Cell Adhesion and Migration</i> , 2020, 14, 24-41.	1.1	18
74	Decreased Placental FPR2 in Early Pregnancies That Later Developed Small-For-Gestation Age: A Potential Role of FPR2 in the Regulation of Epithelial-Mesenchymal Transition. <i>Cells</i> , 2020, 9, 921.	1.8	6
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78	Regulatory mechanism of miR-525a-5p in over-invasion of trophoblast. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 679-688.	0.6	14
79	Nesfatin-1 Promotes Proliferation, Migration and Invasion of HTR-8/SVneo Trophoblast Cells and Inhibits Oxidative Stress via Activation of PI3K/AKT/mTOR and AKT/GSK3 β Pathway. <i>Reproductive Sciences</i> , 2021, 28, 550-561.	1.1	12
80	Persistent hypoxia induced autophagy leading to invasiveness of trophoblasts in placenta accreta. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 1297-1303.	0.7	7
81	Epigenetic modulation during pregnancy and pregnancy related disorders. , 2021, , 153-177.		1
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83	Embryo implantation in the laboratory: an update on current techniques. <i>Human Reproduction Update</i> , 2021, 27, 501-530.	5.2	41
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85	Predicting Maternal Serum Adiponectin and Leptin Level as Biomarkers of Pre-eclampsia: A Prospective Study. <i>Journal of Obstetrics and Gynecology of India</i> , 2021, 71, 58-65.	0.3	5
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88	Circular RNA VRK1 facilitates pre-eclampsia progression via sponging miR-221-3P to regulate PTEN/Akt. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1826-1841.	1.6	20
89	A crossroad between placental and tumor biology: What have we learnt?. <i>Placenta</i> , 2021, 116, 12-30.	0.7	29
90	Maternal platelets pass interstices of trophoblast columns and are not activated by HLA-G in early human pregnancy. <i>Journal of Reproductive Immunology</i> , 2021, 144, 103280.	0.8	7
91	Prolactin receptor expression and its role in trophoblast outgrowth in human embryos. <i>Reproductive BioMedicine Online</i> , 2021, 42, 699-707.	1.1	15

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92	Autophagy Process in Trophoblast Cells Invasion and Differentiation: Similitude and Differences With Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 637594.	1.3	14
93	<scp>miR</scp>â€³73â€³p inhibits epithelialâ€“mesenchymal transition via regulation of <scp>TGFÎ²R2</scp> in choriocarcinoma. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 2417-2432.	0.6	12
94	Network analysis reveals important genes in human placenta. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 2607-2615.	0.6	6
95	Knockdown of Splicing Complex Protein PCBP2 Reduces Extravillous Trophoblast Differentiation Through Transcript Switching. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671806.	1.8	7
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102	Transient Receptor Potential Channels in the Epithelial-to-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8188.	1.8	14
103	Decreased USP2a Expression Inhibits Trophoblast Invasion and Associates With Recurrent Miscarriage. <i>Frontiers in Immunology</i> , 2021, 12, 717370.	2.2	13
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106	Bone Marrow-Derived Mesenchymal Stem Cells (BMSCs)-Derived MicroRNA-378a-3p (miR-378a-3p) Inhibits the Migration of Gestational Trophoblast Cells and Epithelial Mesenchymal Transition via Regulating X-Linked Inhibitor of Apoptosis Protein (XIAP) Pathway. <i>Journal of Biomaterials and Tissue Engineering</i> , 2021, 11, 1983-1989.	0.0	1
107	Insights into the Pathogenesis of Preeclampsia Based on the Features of Placentation and Tumorigenesis. <i>Reproductive and Developmental Medicine</i> , 2021, 5, 97-106.	0.2	5
108	M2 macrophageâ€“derived Gâ€“CSF promotes trophoblasts EMT, invasion and migration via activating PI3K/Akt/Erk1/2 pathway to mediate normal pregnancy. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2136-2147.	1.6	62
109	NETosis Markers in Pregnancy: Effects Differ According to Histone Subtypes. <i>Thrombosis and Haemostasis</i> , 2021, 121, 877-890.	1.8	6

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110	The Genes of Life and Death: A Potential Role for Placental-Specific Genes in Cancer. <i>BioEssays</i> , 2017, 39, 1700091.	1.2	13
111	CXCR4 signaling at the fetal-maternal interface may drive inflammation and syncytia formation during ovine pregnancy. <i>Biology of Reproduction</i> , 2021, 104, 468-478.	1.2	8
112	Adaptations of the human placenta to hypoxia: opportunities for interventions in fetal growth restriction. <i>Human Reproduction Update</i> , 2021, 27, 531-569.	5.2	54
114	Maternal circulating miRNAs that predict infant FASD outcomes influence placental maturation. <i>Life Science Alliance</i> , 2019, 2, e201800252.	1.3	31
115	The role of fascin in carcinogenesis and embryo implantation. <i>Experimental Cell Research</i> , 2021, 409, 112885.	1.2	10
116	Characterization of primary models of human trophoblast. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	50
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121	Overexpression of LVRN impedes the invasion of trophoblasts by inhibiting epithelial-mesenchymal transition. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 249-257.	0.9	1
124	Transcription factor SOX4 facilitates BMP2-regulated gene expression during invasive trophoblast differentiation. <i>FASEB Journal</i> , 2021, 35, e22028.	0.2	7
125	The effects of a technical mixture of naphthenic acids on placental trophoblast cell function. <i>Reproductive Toxicology</i> , 2020, 96, 413-423.	1.3	1
126	Expression of Long Non-Coding RNAs in Placentas of Intrauterine Growth Restriction (IUGR) Pregnancies. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 8, 25-31.	0.5	11
127	CUL4A enhances human trophoblast migration and is associated with pre-eclampsia. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 10544-10551.	0.5	3
128	Early-pregnancy prediction of risk for pre-eclampsia using maternal blood leptin/ceramide ratio: discovery and confirmation. <i>BMJ Open</i> , 2021, 11, e050963.	0.8	5
129	From stem cells to spiral arteries: A journey through early placental development. <i>Placenta</i> , 2022, 125, 68-77.	0.7	10
130	Upregulation of circRNA hsa_circ_0008726 in Pre-eclampsia Inhibits Trophoblast Migration, Invasion, and EMT by Regulating miR-345-3p/RYPB Axis. <i>Reproductive Sciences</i> , 2022, 29, 2829-2841.	1.1	8
131	Extravillous trophoblast migration and invasion: Impact of environmental chemicals and pharmaceuticals. <i>Reproductive Toxicology</i> , 2022, 107, 60-68.	1.3	15
132	ceRNA Network and Functional Enrichment Analysis of Preeclampsia by Weighted Gene Coexpression Network Analysis. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-14.	0.7	2
133	E2F transcription factor 1 (E2F1) enhances the proliferation, invasion and EMT of trophoblast cells by binding to Zinc Finger E-Box Binding Homeobox 1 (ZEB1). <i>Bioengineered</i> , 2022, 13, 2360-2370.	1.4	4

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135	Cell-Based NIPT Detects 47,XXY Genotype in a Twin Pregnancy. <i>Frontiers in Genetics</i> , 2022, 13, 842092.	1.1	2
136	Early pathways, biomarkers, and four distinct molecular subclasses of preeclampsia: The intersection of clinical, pathological, and high-dimensional biology studies. <i>Placenta</i> , 2022, 125, 10-19.	0.7	19
137	Human placental development and function. <i>Seminars in Cell and Developmental Biology</i> , 2022, 131, 66-77.	2.3	54
138	The effects of oil sands process-affected water naphthenic acid fraction components on GDF15 secretion in extravillous trophoblast cells. <i>Toxicology and Applied Pharmacology</i> , 2022, 441, 115970.	1.3	1
139	Hyperosmolarity Impairs Human Extravillous Trophoblast Differentiation by Caveolae Internalization. <i>Frontiers in Physiology</i> , 2021, 12, 760163.	1.3	2
140	Maternal platelets at the first trimester maternal-placental interface “ Small players with great impact on placenta development. <i>Placenta</i> , 2022, 125, 61-67.	0.7	7
142	Epigenetic regulation of epithelial to mesenchymal transition: a trophoblast perspective. <i>Molecular Human Reproduction</i> , 2022, 28, .	1.3	5
144	Krüppel-like factor 6 participates in extravillous trophoblast cell differentiation and its expression is reduced in abnormally invasive placenta. <i>FEBS Letters</i> , 2022, 596, 1700-1719.	1.3	4
145	WNT and NOTCH signaling in human trophoblast development and differentiation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 292.	2.4	30
146	(Dis)similarities between the Decidual and Tumor Microenvironment. <i>Biomedicines</i> , 2022, 10, 1065.	1.4	11
147	Primary Trophoblast Cultures: Characterization of HLA Profiles and Immune Cell Interactions. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	9
149	Early human trophoblast development: from morphology to function. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	28
150	Exosomes Released from Decidual Stromal Cells Incurred Insufficient Migration and Invasion of Trophoblast Because of Disturbing of I ² -TrCP-Mediated Ubiquitination and Degradation of Transcription Factor Snail in Unexplained Recurrent Spontaneous Abortion. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
151	Mouse fetal growth restriction through parental and fetal immune gene variation and intercellular communications cascade. <i>Nature Communications</i> , 2022, 13, .	5.8	4
152	Downregulation of krüppel-like factor 6 expression modulates extravillous trophoblast cell behavior by increasing reactive oxygen species. <i>Placenta</i> , 2022, 127, 62-72.	0.7	0
153	Blood biomarkers representing maternal-fetal interface tissues used to predict early-and late-onset preeclampsia but not COVID-19 infection. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 4206-4224.	1.9	1
154	Emerging pharmacologic interventions for pre-eclampsia treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2022, 26, 739-759.	1.5	1

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156	Exposure to higher concentrations of exogenous ELABELA causes HTR-8/SVneo trophoblast cell dysfunction: A possible pathogenesis of pre-eclampsia. Pregnancy Hypertension, 2022, 30, 181-188.	0.6	1
157	Clinical Syndromes. , 2021, , 323-418.		0
158	Placental Development and Anatomy. , 2021, , 1-23.		0
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