Karen Forbes

List of Publications by Year
in descending order

39	1,327	393982	433756
papers	citations	19 h-index	31 g-index

47	47	47	2345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insulin-like growth factor I and II regulate the life cycle of trophoblast in the developing human placenta. American Journal of Physiology - Cell Physiology, 2008, 294, C1313-C1322.	2.1	151
2	Maternal growth factor regulation of human placental development and fetal growth. Journal of Endocrinology, 2010, 207, 1-16.	1.2	125
3	The IGF Axis and Placental Function. Hormone Research in Paediatrics, 2008, 69, 129-137.	0.8	116
4	Signalling of DNA damage and cytokines across cell barriers exposed to nanoparticles depends on barrier thickness. Nature Nanotechnology, 2011, 6, 824-833.	15.6	114
5	Macrophage Exosomes Induce Placental Inflammatory Cytokines: A Novel Mode of Maternalâ€“Placental Messaging. Traffic, 2016, 17, 168-178.	1.3	102
6	The role of the osteopontinâ€“integrin Î±vÎ²3 interaction at implantation: functional analysis using three different in vitro models. Human Reproduction, 2014, 29, 739-749.	0.4	89
7	Immune cell activation by trophoblastâ€derived microvesicles is mediated by syncytin 1. Immunology, 2012, 136, 184-191.	2.0	83
8	miR-145 suppresses embryo-epithelial juxtacrine communication at implantation by modulating maternal IGF1R. Journal of Cell Science, 2015, 128, 804-14.	1.2	69
9	Transforming Growth Factor-Î² (TGFÎ²) Receptors I/II Differentially Regulate TGFÎ²1 and IGF-Binding Protein-3 Mitogenic Effects in the Human Placenta. Endocrinology, 2010, 151, 1723-1731.	1.4	49
10	Dicer-dependent miRNAs provide an endogenous restraint on cytotrophoblast proliferation. Placenta, 2012, 33, 581-585.	0.7	48
11	Piezo1 channels are mechanosensors in human fetoplacental endothelial cells. Molecular Human Reproduction, 2018, 24, 510-520.	1.3	47
12	Methods for siRNA-mediated Reduction of mRNA and Protein Expression in Human Placental Explants, Isolated Primary Cells and Cell Lines. Placenta, 2009, 30, 124-129.	0.7	45
13	Placental Homing Peptide-microRNA Inhibitor Conjugates for Targeted Enhancement of Intrinsic Placental Growth Signaling. Theranostics, 2017, 7, 2940-2955.	4.6	42
14	MicroRNA Regulation of Mitogenic Signaling Networks in the Human Placenta. Journal of Biological Chemistry, 2014, 289, 30404-30416.	1.6	41
15	Placental dysfunction is associated with altered microRNA expression in pregnant women with low folate status. Molecular Nutrition and Food Research, 2017, 61, 1600646.	1.5	33
16	Interaction between Metformin, Folate and Vitamin B12 and the Potential Impact on Fetal Growth and Long-Term Metabolic Health in Diabetic Pregnancies. International Journal of Molecular Sciences, 2021, 22, 5759.	1.8	28
17	Statins inhibit insulin-like growth factor action in first trimester placenta by altering insulin-like growth factor 1 receptor glycosylation. Molecular Human Reproduction, 2015, 21, 105-114.	1.3	27
18	The Protein-Tyrosine Phosphatase, Src Homology-2 Domain Containing Protein Tyrosine Phosphatase-2, Is a Crucial Mediator of Exogenous Insulin-Like Growth Factor Signaling to Human Trophoblast. Endocrinology, 2009, 150, 4744-4754.	1.4	20

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19	Statins are detrimental to human placental development and function; use of statins during early pregnancy is inadvisable. Journal of Cellular and Molecular Medicine, 2008, 12, 2295-2296.	1.6	19
20	The tyrosine phosphatase SHP-1 negatively regulates cytotrophoblast proliferation in first-trimester human placenta by modulating EGFR activation. Cellular and Molecular Life Sciences, 2012, 69, 4029-4040.	2.4	13
21	IGF signalling and endocytosis in the human villous placenta in early pregnancy as revealed by comparing quantum dot conjugates with a soluble ligand. Nanoscale, 2019, 11, 12285-12295.	2.8	11
22	Hypoxia regulates GR function through multiple mechanisms involving microRNAs 103 and 107. Molecular and Cellular Endocrinology, 2020, 518, 111007.	1.6	11
23	The potential role of the E SRRG pathway in placental dysfunction. Reproduction, 2021, 161, R45-R60.	1.1	10
24	Placental cell turnover in health and disease. Reviews in Gynaecological and Perinatal Practice, 2006, 6, 80-86.	0.3	6
25	Sexually dimorphic patterns in maternal circulating microRNAs in pregnancies complicated by fetal growth restriction. Biology of Sex Differences, 2021, 12, 61.	1.8	5
26	Sex-specific effects of bisphenol A on the signaling pathway of ESRRG in the human placenta. Biology of Reproduction, 2022, 106, 1278-1291.	1.2	4
27	Placental expression of estrogen-related receptor gamma is reduced in fetal growth restriction pregnancies and is mediated by hypoxia. Biology of Reproduction, 2022, 107, 846-857.	1.2	4
28	miR-514a-3p: a novel SHP-2 regulatory miRNA that modulates human cytotrophoblast proliferation. Journal of Molecular Endocrinology, 2022, 68, 99-110.	1.1	3
29	Donâ€™t sugar coat it: the effects of gestational diabetes on the placental vasculature. Biochemist, 2021, 43, 34-39.	0.2	2
30	Ryanodine receptor calcium release channels in trophoblasts and their role in cell migration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119139.	1.9	2
31	miR-1-3p and miR-133-3p are altered in maternal serum EVs and placenta in pregnancies complicated by gestational diabetes with large-for-gestational age babies. Endocrine Abstracts, 0, , .	0.0	1
32	Glucose Treatment Targets in Pregnancy - A Review of Evidence and Guidelines. Current Diabetes Reviews, 2023, 19, .	0.6	1
33	Altered expression of placental microRNAs in folate deficient teenage mothers. Placenta, 2014, 35, A73-A74.	0.7	0
34	Mechanical sensing in placental vascular endothelium. Placenta, 2017, 57, 272-273.	0.7	0
35	Temporal fluctuations in maternal glucose levels alter placental transcriptome in pregnancies complicated by gestational diabetes. Placenta, 2021, 112, e65.	0.7	0
36	Maternal levels of fetuin-A (AHSG) are altered in pregnancies complicated by gestational diabetes and are associated with reduced fetal growth. Placenta, 2021, 112, e68-e69.	0.7	0

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37	Placental GLUT9 expression is associated with altered fetal growth in pregnancies complicated with GDM. Endocrine Abstracts, 0, , .	0.0	0
38	Investigating the impact of altered maternal extracellular vesicle miRNAs on placental function in women with gestational diabetes complicated by large for gestational age infants. Endocrine Abstracts, 0, , .	0.0	0
39	Placental expression of estrogen related receptor [gamma] (ERR[gamma]) is hypoxia-sensitive and is altered in pregnancies complicated by fetal growth restriction. Endocrine Abstracts, 0, , .	0.0	0