Caroline E Dunk

List of Publications by Year
in descending order

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Version: 2024-02-01

78	4,407	94269 37	110170 64
papers	citations	h-index	g-index

93	93	93	4707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protease inhibitor-based antiretroviral therapy in pregnancy: effects on hormones, placenta, and decidua. Lancet HIV,the, 2022, 9, e120-e129.	2.1	11
2	Interaction between dolutegravir and folate transporters and receptor in human and rodent placenta. EBioMedicine, 2022, 75, 103771.	2.7	15
3	Exploring the impact of HIV infection and antiretroviral therapy on placenta morphology. Placenta, 2021, 104, 102-109.	0.7	5
4	Expression of severe acute respiratory syndrome coronavirus 2 cell entry genes, angiotensin-converting enzyme 2 and transmembrane protease serine 2, in the placenta across gestation and at the maternal-fetal interface in pregnancies complicated by preterm birth or preeclampsia. American Journal of Obstetrics and Gynecology, 2021, 224, 298.e1-298.e8.	0.7	73
5	Functional Evaluation of STOX1 (STORKHEAD-BOX PROTEIN 1) in Placentation, Preeclampsia, and Preterm Birth. Hypertension, 2021, 77, 475-490.	1.3	12
6	ACE2 Is Expressed in Immune Cells That Infiltrate the Placenta in Infection-Associated Preterm Birth. Cells, 2021, 10, 1724.	1.8	18
7	Efficient derivation of human trophoblast stem cells from primed pluripotent stem cells. Science Advances, 2021, 7, .	4.7	60
8	Decidual Inflammation Drives Chemokine-Mediated Immune Infiltration Contributing to Term Labor. Journal of Immunology, 2021, 207, 2015-2026.	0.4	7
9	Development of the Placenta and Its Circulation. , 2020, , 55-68.e2.		0
10	Reprint of: Myometrial activation: Novel concepts underlying labor. Placenta, 2020, 98, 29-37.	0.7	2
11	Differential Role of Smad2 and Smad3 in the Acquisition of an Endovascular Trophoblast-Like Phenotype and Preeclampsia. Frontiers in Endocrinology, 2020, 11, 436.	1.5	16
12	Periconceptional exposure to lopinavir, but not darunavir, impairs decidualization: a potential mechanism leading to poor birth outcomes in HIV-positive pregnancies. Human Reproduction, 2020, 35, 1781-1796.	0.4	16
13	Palmitic acid induces inflammation in placental trophoblasts and impairs their migration toward smooth muscle cells through plasminogen activator inhibitor-1. Molecular Human Reproduction, 2020, 26, 850-865.	1.3	13
14	463: Placental expression of HLA-G,C,E, and F in preterm severe preeclampsia and preterm labor. American Journal of Obstetrics and Gynecology, 2020, 222, S303-S304.	0.7	1
15	Myometrial activation: Novel concepts underlying labor. Placenta, 2020, 92, 28-36.	0.7	43
16	Tuning FOXD3 expression dose-dependently balances human embryonic stem cells between pluripotency and meso-endoderm fates. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 118531.	1.9	4
17	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin Î5Î²1 Is a Modulator of Extravillous Trophoblast Functions. Cells, 2019, 8, 1369.	1.8	30
18	Failure of Decidualization and Maternal Immune Tolerance Underlies Uterovascular Resistance in Intra Uterine Growth Restriction. Frontiers in Endocrinology, 2019, 10, 160.	1.5	39

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19	TGFb1 suppresses the activation of distinct dNK subpopulations in preeclampsia. EBioMedicine, 2019, 39, 531-539.	2.7	57
20	Gestational ageâ€dependent gene expression profiling of <scp>ATP</scp>â€binding cassette transporters in the healthy human placenta. Journal of Cellular and Molecular Medicine, 2019, 23, 610-618.	1.6	30
21	Decidual leucocytes infiltrating human spiral arterioles are rich source of matrix metalloproteinases and degrade extracellular matrix in vitro and in situ. American Journal of Reproductive Immunology, 2019, 81, e13054.	1.2	31
22	Chorioamnionitis Induces a Specific Signature of Placental ABC Transporters Associated with an Increase of miR-331-5p in the Human Preterm Placenta. Cellular Physiology and Biochemistry, 2018, 45, 591-604.	1.1	38
23	HIV antiretroviral exposure in pregnancy induces detrimental placenta vascular changes that are rescued by progesterone supplementation. Scientific Reports, 2018, 8, 6552.	1.6	39
24	Pâ€Glycoprotein (Pâ€gp)/<scp>ABCB</scp>1 plays a functional role in extravillous trophoblast (<scp>EVT</scp>) invasion and is decreased in the preâ€eclamptic placenta. Journal of Cellular and Molecular Medicine, 2018, 22, 5378-5393.	1.6	40
25	MicroRNA-218-5p Promotes Endovascular Trophoblast Differentiation and Spiral Artery Remodeling. Molecular Therapy, 2018, 26, 2189-2205.	3.7	74
26	Human dNK cell function is differentially regulated by extrinsic cellular engagement and intrinsic activating receptors in first and second trimester pregnancy. Cellular and Molecular Immunology, 2017, 14, 203-213.	4.8	40
27	Definitive class I human leukocyte antigen expression in gestational placentation: <scp>HLA</scp>â€F, <scp>HLA</scp>â€E, <scp>HLA</scp>â€C, and <scp>HLA</scp>â€G in extravillous trophoblast invasion on placentation, pregnancy, and parturition. American Journal of Reproductive Immunology, 2017, 77, e12643.	1.2	99
28	Extravillous Trophoblast and Endothelial Cell Crosstalk Mediates Leukocyte Infiltration to the Early Remodeling Decidual Spiral Arteriole Wall. Journal of Immunology, 2017, 198, 4115-4128.	0.4	61
29	IFPA meeting 2016 workshop report III: Decidua-trophoblast interactions; trophoblast implantation and invasion; immunology at the maternal-fetal interface; placental inflammation. Placenta, 2017, 60, S15-S19.	0.7	9
30	Decidual leukocytes are rich source of MMPs and capable of degrading ECM. Placenta, 2017, 57, 310-311.	0.7	2
31	Activated NK cells cause placental dysfunction and miscarriages in fetal alloimmune thrombocytopenia. Nature Communications, 2017, 8, 224.	5.8	77
32	Homeobox gene TGIF-1 is increased in placental endothelial cells of human fetal growth restriction. Reproduction, 2016, 152, 457-465.	1.1	3
33	To serve and to protect: the role of decidual innate immune cells on human pregnancy. Cell and Tissue Research, 2016, 363, 249-265.	1.5	68
34	Changes in vascular extracellular matrix composition during decidual spiral arteriole remodeling in early human pregnancy. Histology and Histopathology, 2016, 31, 557-71.	0.5	30
35	Oxygen Sensitivity of Placental Trophoblast Connexins 43 and 46: A Role in Preeclampsia?. Journal of Cellular Biochemistry, 2015, 116, 2924-2937.	1.2	8
36	Preeclampsia Is Associated with Alterations in the p53-Pathway in Villous Trophoblast. PLoS ONE, 2014, 9, e87621.	1.1	80

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37	IGFBP-4 and â^'5 are expressed in first-trimester villi and differentially regulate the migration of HTR-8/SVneo cells. Reproductive Biology and Endocrinology, 2014, 12, 123.	1.4	21
38	Identification of a Novel Neutrophil Population: Proangiogenic Granulocytes in Second-Trimester Human Decidua. Journal of Immunology, 2014, 193, 3070-3079.	0.4	108
39	Leukocyte driven-decidual angiogenesis in early pregnancy. Cellular and Molecular Immunology, 2014, 11, 522-537.	4.8	96
40	Dynamic changes in maternal decidual leukocyte populations from first to second trimester gestation. Placenta, 2014, 35, 1027-1034.	0.7	45
41	Placental STOX1 Y153H mutation is associated with severe early onset Preeclampsia and low birth weight. Placenta, 2013, 34, A55.	0.7	0
42	Effect of oxygen on multidrug resistance in the first trimester human placenta. Placenta, 2013, 34, 817-823.	0.7	54
43	The PcG Gene Sfmbt2 Regulates Development of Extraembryonic Stem Cells and Tissues. Placenta, 2013, 34, A20-A21.	0.7	0
44	Disengagement of activating receptor and function of second trimester decidual natural killer cells. Placenta, 2013, 34, A76.	0.7	1
45	Sphingosine signalling regulates decidual NK cell angiogenic phenotype and trophoblast migration. Human Reproduction, 2013, 28, 3026-3037.	0.4	51
46	MicroRNA-378a-5p promotes trophoblast cell survival, migration and invasion by targeting Nodal. Journal of Cell Science, 2012, 125, 3124-32.	1.2	144
47	The Molecular Role of Connexin 43 in Human Trophoblast Cell Fusion1. Biology of Reproduction, 2012, 86, 115.	1.2	47
48	The characterization of fibrocyte-like cells: A novel fibroblastic cell of the placenta. Placenta, 2012, 33, 143-150.	0.7	8
49	A distinct microvascular endothelial gene expression profile in severe IUGR placentas. Placenta, 2012, 33, 285-293.	0.7	43
50	MicroRNA-378a-5p promotes trophoblast cell survival, migration and invasion by targeting Nodal. Development (Cambridge), 2012, 139, e1907-e1907.	1.2	0
51	Nodal Signals through Activin Receptor-Like Kinase 7 to Inhibit Trophoblast Migration and Invasion. American Journal of Pathology, 2011, 178, 1177-1189.	1.9	101
52	Regulation of the Matricellular Proteins CYR61 (CCN1) and NOV (CCN3) by Hypoxia-Inducible Factor-1Î± and Transforming-Growth Factor-Î²3 in the Human Trophoblast. Endocrinology, 2010, 151, 2835-2845.	1.4	49
53	The STOX1 genotype associated with pre-eclampsia leads to a reduction of trophoblast invasion by Î±-T-catenin upregulation. Human Molecular Genetics, 2010, 19, 2658-2667.	1.4	70
54	HER1 Signaling Mediates Extravillous Trophoblast Differentiation in Humans1. Biology of Reproduction, 2010, 83, 1036-1045.	1.2	24

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55	The Liver X Receptor (LXR) and its Target Gene ABCA1 are Regulated Upon Low Oxygen in Human Trophoblast Cells: A Reason for Alterations in Preeclampsia?. Placenta, 2010, 31, 910-918.	0.7	47
56	Vascular-Leukocyte Interactions. American Journal of Pathology, 2010, 177, 1017-1030.	1.9	143
57	Gonadotropin-releasing hormone-regulated chemokine expression in human placentation. American Journal of Physiology - Cell Physiology, 2009, 297, C17-C27.	2.1	25
58	Early Gene Expression and Morphogenesis of the Murine Chorioallantoic Placenta In vivo and In vitro. Placenta, 2009, 30, 96-104.	0.7	6
59	Glial cell missing-1 transcription factor is required for the differentiation of the human trophoblast. Cell Death and Differentiation, 2009, 16, 719-727.	5.0	193
60	Evidence for Immune Cell Involvement in Decidual Spiral Arteriole Remodeling in Early Human Pregnancy. American Journal of Pathology, 2009, 174, 1959-1971.	1.9	388
61	Stem Cells from Fetal Membranes â€“ A Workshop Report. Placenta, 2008, 29, 17-19.	0.7	16
62	Promotion of Angiogenesis by Human Endometrial Lymphocytes. Immunological Investigations, 2008, 37, 583-610.	1.0	28
63	Fusion Assays and Models for the Trophoblast. Methods in Molecular Biology, 2008, 475, 363-382.	0.4	37
64	The Circulating Proangiogenic Factors CYR61 (CCN1) and NOV (CCN3) Are Significantly Decreased in Placentae and Sera of Preeclamptic Patients. Reproductive Sciences, 2007, 14, 46-52.	1.1	38
65	The presence of pinopodes in the human endometrium does not delineate the implantation window. Fertility and Sterility, 2007, 87, 1015-1021.	0.5	69
66	Bi-potential Behaviour of Cytotrophoblasts in First Trimester Chorionic Villi. Placenta, 2006, 27, 367-374.	0.7	99
67	EGF Modulates Trophoblast Migration through Regulation of Connexin 40. Placenta, 2006, 27, 114-121.	0.7	25
68	Decreased expression of the angiogenic regulators CYR61 (CCN1) and NOV (CCN3) in human placenta is associatedwith pre-eclampsia. Molecular Human Reproduction, 2006, 12, 389-399.	1.3	73
69	Gap junctions are required for trophoblast proliferation in early human placental development. Placenta, 2004, 25, 595-607.	0.7	44
70	Connexin31-deficient trophoblast stem cells: a model to analyze the role of gap junction communication in mouse placental development. Developmental Biology, 2004, 273, 63-75.	0.9	46
71	A Novel In Vitro Model of Trophoblast-Mediated Decidual Blood Vessel Remodeling. Laboratory Investigation, 2003, 83, 1821-1828.	1.7	55
72	Vascular Endothelial Growth Factor Receptor-1 Modulates Vascular Endothelial Growth Factor-Mediated Angiogenesis via Nitric Oxide. American Journal of Pathology, 2001, 159, 993-1008.	1.9	265

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73	Vascular Endothelial Growth Factor Receptor-2-Mediated Mitogenesis Is Negatively Regulated by Vascular Endothelial Growth Factor Receptor-1 in Tumor Epithelial Cells. American Journal of Pathology, 2001, 158, 265-273.	1.9	36
74	Regulation of Placental Vascular Endothelial Growth Factor (VEGF) and Placenta Growth Factor (PlGF) and Soluble Flt-1 by Oxygenâ€" A Review. Placenta, 2000, 21, S16-S24.	0.7	296
75	Angiopoietin-1 and Angiopoietin-2 Activate Trophoblast Tie-2 to Promote Growth and Migration during Placental Development. American Journal of Pathology, 2000, 156, 2185-2199.	1.9	164
76	Growth Factor Regulators of Placental Angiogenesis. , 2000, , 149-162.		8
77	Colocalisation of Vascular Endothelial Growth Factor and Its Flt-1 Receptor in Human Placenta. Growth Factors, 1995, 12, 235-243.	0.5	235
78	New concepts and recommendations on clinical management and research. , 0, , 256-270.		0