

# Judith Cartwright

## List of Publications by Year in descending order

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84  
papers

4,287  
citations

94381

37  
h-index

110317

64  
g-index

90  
all docs

90  
docs citations

90  
times ranked

4235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Angiotensin Increases Placental Leptin in Early Gestation via an Alternative Renin-Angiotensin System Pathway. <i>Hypertension</i> , 2021, 77, 1723-1736.	1.3	19
2	Stanniocalcin-1 in the female reproductive system and pregnancy. <i>Human Reproduction Update</i> , 2021, 27, 1098-1114.	5.2	16
3	Regulation of stanniocalcin secretion by BeWo cells and first trimester human placental tissue from normal pregnancies and those at increased risk of developing preeclampsia. <i>FASEB Journal</i> , 2020, 34, 6086-6098.	0.2	9
4	The phenotype of decidual CD56+ lymphocytes is influenced by secreted factors from decidual stromal cells but not macrophages in the first trimester of pregnancy. <i>Journal of Reproductive Immunology</i> , 2020, 138, 103082.	0.8	5
5	First trimester placental endothelial cells from pregnancies with abnormal uterine artery Doppler are more sensitive to apoptotic stimuli. <i>Laboratory Investigation</i> , 2019, 99, 411-420.	1.7	8
6	Decidual cell regulation of trophoblast is altered in pregnancies at risk of pre-eclampsia. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 239-246.	1.1	32
7	Glial Cells Missing 1 Regulates Equine Chorionic Gonadotrophin Beta Subunit via Binding to the Proximal Promoter. <i>Frontiers in Endocrinology</i> , 2018, 9, 195.	1.5	2
8	Strategies for investigating the maternal-fetal interface in the first trimester of pregnancy: What can we learn about pathology?. <i>Placenta</i> , 2017, 60, 145-149.	0.7	22
9	Disturbed Placental Imprinting in Preeclampsia Leads to Altered Expression of DLX5, a Human-Specific Early Trophoblast Marker. <i>Circulation</i> , 2017, 136, 1824-1839.	1.6	58
10	The role of decidual NK cells in pregnancies with impaired vascular remodelling. <i>Journal of Reproductive Immunology</i> , 2017, 119, 81-84.	0.8	32
11	Homeobox gene TGIF-1 is increased in placental endothelial cells of human fetal growth restriction. <i>Reproduction</i> , 2016, 152, 457-465.	1.1	3
12	Macrophage polarisation affects their regulation of trophoblast behaviour. <i>Placenta</i> , 2016, 47, 73-80.	0.7	20
13	Aberrant decidual macrophage activation is implicated in pre-eclampsia through impaired macrophage-trophoblast interactions. <i>Placenta</i> , 2015, 36, A2-A3.	0.7	0
14	First trimester decidual stromal cell regulation of trophoblast cells and the effect of TGF $\beta$ 2. <i>Placenta</i> , 2015, 36, A55.	0.7	0
15	Decidual natural killer cell receptor expression is altered in pregnancies with impaired vascular remodeling and a higher risk of pre-eclampsia. <i>Journal of Leukocyte Biology</i> , 2015, 97, 79-86.	1.5	65
16	Effects of normal and high circulating concentrations of activin A on vascular endothelial cell functions and vasoactive factor production. <i>Pregnancy Hypertension</i> , 2015, 5, 346-353.	0.6	13
17	Inhibition of DDAH1, but not DDAH2, results in apoptosis of a human trophoblast cell line in response to TRAIL. <i>Human Reproduction</i> , 2015, 30, 1813-1819.	0.4	10
18	Decidual natural killer cells regulate vessel stability: implications for impaired spiral artery remodelling. <i>Journal of Reproductive Immunology</i> , 2015, 110, 54-60.	0.8	49

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19	Increased Apoptosis, Altered Oxygen Signaling, and Antioxidant Defenses in First-Trimester Pregnancies with High-Resistance Uterine Artery Blood Flow. <i>American Journal of Pathology</i> , 2015, 185, 2731-2741.	1.9	42
20	Oxygen Modulates Human Decidual Natural Killer Cell Surface Receptor Expression and Interactions with Trophoblasts. <i>Biology of Reproduction</i> , 2014, 91, 134.	1.2	10
21	SMAD1/5 Signaling in the Early Equine Placenta Regulates Trophoblast Differentiation and Chorionic Gonadotropin Secretion. <i>Endocrinology</i> , 2014, 155, 3054-3064.	1.4	25
22	Expression of voltage-dependent potassium channels in first trimester human placentae. <i>Placenta</i> , 2014, 35, 337-340.	0.7	3
23	Impaired interactions between decidual natural killer cells and trophoblast contribute to poor spiral artery remodelling. <i>Placenta</i> , 2013, 34, A39.	0.7	0
24	Decidual Natural Killer Cell Interactions with Trophoblasts Are Impaired in Pregnancies at Increased Risk of Preeclampsia. <i>American Journal of Pathology</i> , 2013, 183, 1853-1861.	1.9	84
25	Decidual natural killer cell receptor expression is altered in pregnancies with impaired spiral artery remodelling. <i>Placenta</i> , 2013, 34, A75-A76.	0.7	0
26	Decidual stromal cell interactions with trophoblast are not altered in pregnancies with impaired spiral artery remodelling. <i>Placenta</i> , 2013, 34, A70-A71.	0.7	0
27	Do decidual natural killer cells have a role in vascular smooth muscle cell dedifferentiation during spiral artery remodelling?. <i>Placenta</i> , 2013, 34, A65.	0.7	0
28	Trophoblast-Induced Changes in C-X-C Motif Chemokine 10 Expression Contribute to Vascular Smooth Muscle Cell Dedifferentiation During Spiral Artery Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, e93-e101.	1.1	37
29	Role of the eIF4E binding protein 4EBP1 in regulation of the sensitivity of human pancreatic cancer cells to TRAIL and celastrol-induced apoptosis. <i>Biology of the Cell</i> , 2013, 105, 414-429.	0.7	16
30	The regulation of trophoblast migration across endothelial cells by low shear stress: consequences for vascular remodelling in pregnancy. <i>Cardiovascular Research</i> , 2012, 93, 152-161.	1.8	32
31	OS081. Novel KCNQ3/KCNE5 isoform protein and mRNA expression in first trimester human placentae. <i>Pregnancy Hypertension</i> , 2012, 2, 221-222.	0.6	2
32	Caffeine Inhibits EGF-Stimulated Trophoblast Cell Motility through the Inhibition of mTORC2 and Akt. <i>Endocrinology</i> , 2012, 153, 4502-4510.	1.4	11
33	Extravillous trophoblast and decidual natural killer cells: a remodelling partnership. <i>Human Reproduction Update</i> , 2012, 18, 458-471.	5.2	199
34	Altered placental expression of kisspeptin and its receptor in pre-eclampsia. <i>Journal of Endocrinology</i> , 2012, 214, 79-85.	1.2	50
35	Impaired decidual natural killer cell regulation of vascular remodelling in early human pregnancies with high uterine artery resistance. <i>Journal of Pathology</i> , 2012, 228, 322-332.	2.1	106
36	Elevated glucocorticoid metabolism in placental tissue from first trimester pregnancies at increased risk of pre-eclampsia. <i>Placenta</i> , 2011, 32, 687-693.	0.7	12

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37	Shear stress and spiral artery remodelling: the effects of low shear stress on trophoblast-induced endothelial cell apoptosis. <i>Cardiovascular Research</i> , 2011, 90, 130-139.	1.8	30
38	Cellular and Molecular Regulation of Spiral Artery Remodelling: Lessons from the Cardiovascular Field. <i>Placenta</i> , 2010, 31, 465-474.	0.7	160
39	Pre-eclampsia: fitting together the placental, immune and cardiovascular pieces. <i>Journal of Pathology</i> , 2010, 221, 363-378.	2.1	177
40	Inhibition of Trophoblast-Induced Spiral Artery Remodeling Reduces Placental Perfusion in Rat Pregnancy. <i>Hypertension</i> , 2010, 56, 304-310.	1.3	64
41	Effects of Circulating and Local Uteroplacental Angiotensin II in Rat Pregnancy. <i>Hypertension</i> , 2010, 56, 311-318.	1.3	64
42	Remodelling at the maternal-fetal interface: relevance to human pregnancy disorders. <i>Reproduction</i> , 2010, 140, 803-813.	1.1	218
43	Trophoblast- and Vascular Smooth Muscle Cell-Derived MMP-12 Mediates Elastolysis during Uterine Spiral Artery Remodeling. <i>American Journal of Pathology</i> , 2010, 177, 2103-2115.	1.9	106
44	Soluble HLA-G regulates motility and invasion of the trophoblast-derived cell line SGHPL-4. <i>Human Reproduction</i> , 2009, 24, 1339-1345.	0.4	37
45	Trophoblast-mediated spiral artery remodelling: a role for apoptosis. <i>Journal of Anatomy</i> , 2009, 215, 21-26.	0.9	111
46	Live cell image analysis of cell-cell interactions reveals the specific targeting of vascular smooth muscle cells by fetal trophoblasts. <i>Experimental Cell Research</i> , 2008, 314, 1455-1464.	1.2	17
47	S-nitrosylation of proteins at the leading edge of migrating trophoblasts by inducible nitric oxide synthase promotes trophoblast invasion. <i>Experimental Cell Research</i> , 2008, 314, 1765-1776.	1.2	61
48	The Androgen and Progesterone Receptors Regulate Distinct Gene Networks and Cellular Functions in Decidualizing Endometrium. <i>Endocrinology</i> , 2008, 149, 4462-4474.	1.4	140
49	Effect of heparin and fractionated heparin on trophoblast invasion. <i>Human Reproduction</i> , 2007, 22, 2523-2527.	0.4	43
50	BeWo cells stimulate smooth muscle cell apoptosis and elastin breakdown in a model of spiral artery transformation. <i>Human Reproduction</i> , 2007, 22, 2834-2841.	0.4	34
51	Fetal-Derived Trophoblast Use the Apoptotic Cytokine Tumor Necrosis Factor- $\alpha$ -Related Apoptosis-Inducing Ligand to Induce Smooth Muscle Cell Death. <i>Circulation Research</i> , 2007, 100, 834-841.	2.0	113
52	Increased Apoptosis in First Trimester Extravillous Trophoblasts from Pregnancies at Higher Risk of Developing Preeclampsia. <i>American Journal of Pathology</i> , 2007, 170, 1903-1909.	1.9	88
53	Hypoxia and Placental Remodelling. <i>Advances in Experimental Medicine and Biology</i> , 2007, 618, 113-126.	0.8	31
54	Fas ligand-induced apoptosis is regulated by nitric oxide through the inhibition of fas receptor clustering and the nitrosylation of protein kinase C $\mu$ . <i>Experimental Cell Research</i> , 2007, 313, 3421-3431.	1.2	22

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55	Soluble HLA-G and control of angiogenesis. <i>Journal of Reproductive Immunology</i> , 2007, 76, 17-22.	0.8	44
56	An In Vitro Model of Trophoblast Invasion of Spiral Arteries. , 2006, 122, 59-74.		10
57	Invasive Trophoblasts Stimulate Vascular Smooth Muscle Cell Apoptosis by a Fas Ligand-Dependent Mechanism. <i>American Journal of Pathology</i> , 2006, 169, 1863-1874.	1.9	140
58	Tumour overexpression of inducible nitric oxide synthase (iNOS) increases angiogenesis and may modulate the anti-tumour effects of the vascular disrupting agent ZD6126. <i>Microvascular Research</i> , 2006, 71, 76-84.	1.1	32
59	Soluble HLA-G1 inhibits angiogenesis through an apoptotic pathway and by direct binding to CD160 receptor expressed by endothelial cells. <i>Blood</i> , 2006, 108, 2608-2615.	0.6	181
60	Effect of first-trimester serum from pregnant women with high-resistance uterine artery Doppler resistance on extravillous trophoblast invasion. <i>Human Reproduction</i> , 2006, 21, 1295-1298.	0.4	12
61	Dimethylarginine dimethylaminohydrolase (DDAH) regulates trophoblast invasion and motility through effects on nitric oxide. <i>Human Reproduction</i> , 2006, 21, 2530-2537.	0.4	35
62	A role for soluble HLA-G1 in the induction of vascular cell apoptosis. <i>FASEB Journal</i> , 2006, 20, A1078.	0.2	0
63	Vascular smooth muscle cell apoptosis is a critical event in vessel remodeling during human pregnancy. <i>FASEB Journal</i> , 2006, 20, A1078.	0.2	0
64	Effect of low dose heparin, unfractionated heparin and aspirin on trophoblast invasion. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, S82.	0.7	1
65	Effect of serum from women with abnormal uterine artery Doppler resistance on extravillous trophoblast invasion in the first trimester. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, S165.	0.7	0
66	Trophoblast apoptosis is inhibited by hepatocyte growth factor through the Akt and $\beta$ -catenin mediated up-regulation of inducible nitric oxide synthase. <i>Cellular Signalling</i> , 2005, 17, 571-580.	1.7	48
67	The effect of vascular origin, oxygen, and tumour necrosis factor alpha on trophoblast invasion of maternal arteries in vitro. <i>Journal of Pathology</i> , 2005, 206, 476-485.	2.1	72
68	Letters to the editor. <i>Medical Teacher</i> , 2005, 27, 473-474.	1.0	2
69	Uterine Spiral Artery Remodeling Involves Endothelial Apoptosis Induced by Extravillous Trophoblasts Through Fas/FasL Interactions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 102-108.	1.1	155
70	Antiphospholipid antibodies prevent extravillous trophoblast differentiation. <i>Fertility and Sterility</i> , 2005, 83, 691-698.	0.5	84
71	Effects of Low-Molecular-Weight and Unfractionated Heparin on Trophoblast Function. <i>Obstetrics and Gynecology</i> , 2004, 104, 354-361.	1.2	68
72	Estrogen Stimulates Dimethylarginine Dimethylaminohydrolase Activity and the Metabolism of Asymmetric Dimethylarginine. <i>Circulation</i> , 2003, 108, 1575-1580.	1.6	116

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73	Nitric oxide protects human extravillous trophoblast cells from apoptosis by a cyclic GMP-dependent mechanism and independently of caspase 3 nitrosylation. <i>Experimental Cell Research</i> , 2003, 287, 314-324.	1.2	69
74	Nitric oxide inhibits polyamine-induced apoptosis in the human extravillous trophoblast cell line SGHPL-4. <i>Human Reproduction</i> , 2003, 18, 959-968.	0.4	32
75	Hepatocyte growth factor-induced endothelial cell motility is mediated by the upregulation of inducible nitric oxide synthase expression. <i>Cardiovascular Research</i> , 2002, 54, 659-668.	1.8	33
76	Hepatocyte Growth Factor Induced Human Trophoblast Motility Involves Phosphatidylinositol-3-Kinase, Mitogen-Activated Protein Kinase, and Inducible Nitric Oxide Synthase. <i>Experimental Cell Research</i> , 2002, 279, 219-226.	1.2	88
77	Trophoblast Invasion of Spiral Arteries: a Novel In Vitro Model. <i>Placenta</i> , 2002, 23, 232-235.	0.7	99
78	Trophoblast Cell Lines: a response to the Workshop Report by King et al.. <i>Placenta</i> , 2001, 22, 262-263.	0.7	16
79	Endogenously produced nitric oxide inhibits endothelial cell growth as demonstrated using novel antisense cell lines. <i>British Journal of Pharmacology</i> , 2000, 131, 131-137.	2.7	25
80	Hepatocyte growth factor regulates human trophoblast motility and invasion: a role for nitric oxide. <i>British Journal of Pharmacology</i> , 1999, 128, 181-189.	2.7	133
81	The Effects of Angiogenic Growth Factors on Extravillous Trophoblast Invasion and Motility. <i>Placenta</i> , 1999, 20, 661-667.	0.7	75
82	Endothelial Cell Adhesion Molecule Expression and Lymphocyte Adhesion to Endothelial Cells: Effect of Nitric Oxide. <i>Experimental Cell Research</i> , 1997, 235, 431-434.	1.2	37
83	The Expression and Release of Adhesion Molecules by Human Endothelial Cell Lines and Their Consequent Binding of Lymphocytes. <i>Experimental Cell Research</i> , 1995, 217, 329-335.	1.2	48
84	Trophoblast-arterial interactions in vitro. , 0, , 140-148.		0