

Evdokia Dimitriadis

List of Publications by Year in descending order

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93
papers

3,952
citations

147801

31
h-index

133252

59
g-index

94
all docs

94
docs citations

94
times ranked

4096
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrent pregnancy loss. <i>Nature Reviews Disease Primers</i> , 2020, 6, 98.	30.5	275
2	Models for Study of Human Embryo Implantation: Choice of Cell Lines?1. <i>Biology of Reproduction</i> , 2010, 82, 235-245.	2.7	244
3	Placenta-specific Methylation of the Vitamin D 24-Hydroxylase Gene. <i>Journal of Biological Chemistry</i> , 2009, 284, 14838-14848.	3.4	218
4	Fertile ground: human endometrial programming and lessons in health and disease. <i>Nature Reviews Endocrinology</i> , 2016, 12, 654-667.	9.6	216
5	Regulation of macrophage production of vascular endothelial growth factor (VEGF) by hypoxia and transforming growth factor β -1. <i>Annals of Surgical Oncology</i> , 1998, 5, 271-278.	1.5	184
6	Interleukin-11, IL-11 receptor α and leukemia inhibitory factor are dysregulated in endometrium of infertile women with endometriosis during the implantation window. <i>Journal of Reproductive Immunology</i> , 2006, 69, 53-64.	1.9	154
7	Cytokines and Chemokines during Human Embryo Implantation: Roles in Implantation and Early Placentation. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 437-444.	1.1	138
8	Society for Reproductive Biology Founders' Lecture 2009. Preparing fertile soil: the importance of endometrial receptivity. <i>Reproduction, Fertility and Development</i> , 2009, 21, 923.	0.4	123
9	Human Blastocyst Secreted microRNA Regulate Endometrial Epithelial Cell Adhesion. <i>EBioMedicine</i> , 2015, 2, 1528-1535.	6.1	105
10	Local regulation of implantation at the human fetal-maternal interface. <i>International Journal of Developmental Biology</i> , 2010, 54, 313-322.	0.6	102
11	Leukemia inhibitory factor and interleukin-11: Critical regulators in the establishment of pregnancy. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 319-328.	7.2	99
12	A distinct cohort of the TGF β 2 superfamily members expressed in human endometrium regulate decidualization. <i>Human Reproduction</i> , 2008, 23, 1447-1456.	0.9	96
13	Blocking LIF action in the uterus by using a PEGylated antagonist prevents implantation: A nonhormonal contraceptive strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19357-19362.	7.1	89
14	Leukemia Inhibitory Factor Enhances Endometrial Stromal Cell Decidualization in Humans and Mice. <i>PLoS ONE</i> , 2011, 6, e25288.	2.5	87
15	Leukemia inhibitory factor promotes human first trimester extravillous trophoblast adhesion to extracellular matrix and secretion of tissue inhibitor of metalloproteinases-1 and -2. <i>Human Reproduction</i> , 2008, 23, 1724-1732.	0.9	84
16	Interleukin-11 Promotes Migration, But Not Proliferation, of Human Trophoblast Cells, Implying a Role in Placentation. <i>Endocrinology</i> , 2007, 148, 5566-5572.	2.8	71
17	Cytokines in Implantation. <i>Seminars in Reproductive Medicine</i> , 2000, 18, 299-310.	1.1	70
18	Interleukin 11 Signaling Components Signal Transducer and Activator of Transcription 3 (STAT3) and Suppressor of Cytokine Signaling 3 (SOCS3) Regulate Human Endometrial Stromal Cell Differentiation. <i>Endocrinology</i> , 2006, 147, 3809-3817.	2.8	69

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19	Immunolocalisation of phosphorylated STAT3, interleukin 11 and leukaemia inhibitory factor in endometrium of women with unexplained infertility during the implantation window. <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 44.	3.3	65
20	Interleukin 11 Inhibits Human Trophoblast Invasion Indicating a Likely Role in the Decidual Restraint of Trophoblast Invasion During Placentation. <i>1. Biology of Reproduction</i> , 2009, 80, 302-310.	2.7	64
21	Fetal-maternal communication: the role of Notch signalling in embryo implantation. <i>Reproduction</i> , 2014, 147, R75-R86.	2.6	63
22	Interleukin-11 alters placentation and causes preeclampsia features in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15928-15933.	7.1	61
23	Leukemia inhibitory factor and interleukin-11: cytokines with key roles in implantation. <i>Journal of Reproductive Immunology</i> , 2002, 57, 129-141.	1.9	53
24	Interleukin 11 regulates endometrial cancer cell adhesion and migration via STAT3. <i>International Journal of Oncology</i> , 2012, 41, 759-764.	3.3	52
25	IL11 Antagonist Inhibits Uterine Stromal Differentiation, Causing Pregnancy Failure in Mice. <i>1. Biology of Reproduction</i> , 2009, 80, 920-927.	2.7	51
26	IL-11 is a parietal cell cytokine that induces atrophic gastritis. <i>Gut</i> , 2012, 61, 1398-1409.	12.1	42
27	Decidual-Secreted Factors Alter Invasive Trophoblast Membrane and Secreted Proteins Implying a Role for Decidual Cell Regulation of Placentation. <i>PLoS ONE</i> , 2012, 7, e31418.	2.5	42
28	Genes involved in implantation. <i>Reproduction, Fertility and Development</i> , 2001, 13, 41.	0.4	38
29	Preimplantation Human Blastocyst-Endometrial Interactions: The Role of Inflammatory Mediators. <i>American Journal of Reproductive Immunology</i> , 2013, 69, 427-440.	1.2	36
30	Localisation of the Notch family in the human endometrium of fertile and infertile women. <i>Journal of Molecular Histology</i> , 2014, 45, 697-706.	2.2	36
31	Targeting Interleukin-11 Receptor-1 Impairs Human Endometrial Cancer Cell Proliferation and Invasion <i>in Vitro</i> and Reduces Tumor Growth and Metastasis <i>in Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2016, 15, 720-730.	4.1	36
32	Alterations in Epithelial Cell Polarity During Endometrial Receptivity: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2020, 11, 596324.	3.5	35
33	Inflammasomes-A Molecular Link for Altered Immunoregulation and Inflammation Mediated Vascular Dysfunction in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1406.	4.1	35
34	Transcytosis of IL-11 and Apical Redirection of gp130 Is Mediated by IL-11 Receptor. <i>Cell Reports</i> , 2016, 16, 1067-1081.	6.4	30
35	Activin A regulates trophoblast cell adhesive properties: implications for implantation failure in women with endometriosis-associated infertility. <i>Human Reproduction</i> , 2010, 25, 1767-1774.	0.9	29
36	Interleukin (IL)11 mediates protein secretion and modification in human extravillous trophoblasts. <i>Human Reproduction</i> , 2011, 26, 2841-2849.	0.9	28

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37	DNA methylation mediated up-regulation of <i>TERRA</i> non-coding RNA is coincident with elongated telomeres in the human placenta. <i>Molecular Human Reproduction</i> , 2016, 22, 791-799.	2.8	28
38	Subcellular localization of L-selectin ligand in the endometrium implies a novel function for pinopodes in endometrial receptivity. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 46.	3.3	27
39	Corin, an enzyme with a putative role in spiral artery remodeling, is up-regulated in late secretory endometrium and first trimester decidua. <i>Human Reproduction</i> , 2013, 28, 1172-1180.	0.9	27
40	Vaginally Administered PEGylated LIF Antagonist Blocked Embryo Implantation and Eliminated Non-Target Effects on Bone in Mice. <i>PLoS ONE</i> , 2011, 6, e19665.	2.5	26
41	Effects of Gefitinib, an Epidermal Growth Factor Receptor Inhibitor, on Human Placental Cell Growth. <i>Obstetrics and Gynecology</i> , 2013, 122, 737-744.	2.4	25
42	Pericardial adipose and aromatase: A new translational target for aging, obesity and arrhythmogenesis?. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 96-101.	1.9	25
43	Leukemia Inhibitory Factor (LIF) Inhibition during Mid-Gestation Impairs Trophoblast Invasion and Spiral Artery Remodelling during Pregnancy in Mice. <i>PLoS ONE</i> , 2015, 10, e0129110.	2.5	24
44	Interleukin 11 is upregulated in uterine lavage and endometrial cancer cells in women with endometrial carcinoma. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 63.	3.3	23
45	Blocking Endogenous Leukemia Inhibitory Factor During Placental Development in Mice Leads to Abnormal Placentation and Pregnancy Loss. <i>Scientific Reports</i> , 2015, 5, 13237.	3.3	23
46	Effects of Estrogens on Adipokines and Glucose Homeostasis in Female Aromatase Knockout Mice. <i>PLoS ONE</i> , 2015, 10, e0136143.	2.5	22
47	miR-29c overexpression and COL4A1 downregulation in infertile human endometrium reduces endometrial epithelial cell adhesive capacity in vitro implying roles in receptivity. <i>Scientific Reports</i> , 2019, 9, 8644.	3.3	22
48	Polyethylene glycated leukemia inhibitory factor antagonist inhibits human blastocyst implantation and triggers apoptosis by down-regulating embryonic AKT. <i>Fertility and Sterility</i> , 2013, 100, 1160-1169.e2.	1.0	21
49	Proteomic analysis identifies interleukin 11 regulated plasma membrane proteins in human endometrial epithelial cells in vitro. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 73.	3.3	20
50	Galectin-7 is important for normal uterine repair following menstruation. <i>Molecular Human Reproduction</i> , 2014, 20, 787-798.	2.8	20
51	Secreted MicroRNA to Predict Embryo Implantation Outcome: From Research to Clinical Diagnostic Application. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586510.	3.7	20
52	Interleukin 1 beta is induced by interleukin 11 during decidualization of human endometrial stromal cells, but is not released in a bioactive form. <i>Journal of Reproductive Immunology</i> , 2007, 73, 28-38.	1.9	19
53	Mouse double minute homologue 2 (MDM2) downregulation by miR-661 impairs human endometrial epithelial cell adhesive capacity. <i>Reproduction, Fertility and Development</i> , 2018, 30, 477.	0.4	17
54	Galectin-7 Impairs Placentation and Causes Preeclampsia Features in Mice. <i>Hypertension</i> , 2020, 76, 1185-1194.	2.7	17

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55	Characterization of the role for cadherin 6 in the regulation of human endometrial receptivity. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 66.	3.3	17
56	Interleukin 11 and activin A synergise to regulate progesterone-induced but not cAMP-induced decidualization. <i>Journal of Reproductive Immunology</i> , 2010, 84, 124-132.	1.9	16
57	The long noncoding RNA PTENP1 regulates human endometrial epithelial adhesive capacity in vitro: implications in infertility. <i>Biology of Reproduction</i> , 2020, 102, 53-62.	2.7	16
58	Dilated Thin-Walled Blood and Lymphatic Vessels in Human Endometrium: A Potential Role for VEGF-D in Progesterin-Induced Break-Through Bleeding. <i>PLoS ONE</i> , 2012, 7, e30916.	2.5	14
59	Galectin-7 is elevated in endometrioid (type I) endometrial cancer and promotes cell migration. <i>Oncology Letters</i> , 2018, 16, 4721-4728.	1.8	13
60	Interleukin-11 induces preterm birth and modulates decidual inflammasome gene expression in mice. <i>Placenta</i> , 2017, 50, 99-101.	1.5	12
61	Formyl peptide receptor-2 is decreased in foetal growth restriction and contributes to placental dysfunction. <i>Molecular Human Reproduction</i> , 2018, 24, 94-109.	2.8	12
62	Restoration of microRNA-29c in type I endometrioid cancer reduced endometrial cancer cell growth. <i>Oncology Letters</i> , 2019, 18, 2684-2693.	1.8	12
63	Therapeutically blocking interleukin-11 receptor-1 enhances doxorubicin cytotoxicity in high grade type I endometrioid tumours. <i>Oncotarget</i> , 2017, 8, 22716-22729.	1.8	12
64	The LIF receptor antagonist PEGLA is effectively delivered to the uterine endometrium and blocks LIF activity in cynomolgus monkeys. <i>Contraception</i> , 2013, 87, 813-823.	1.5	11
65	Fibulin-5 is upregulated in decidualized human endometrial stromal cells and promotes primary human extravillous trophoblast outgrowth. <i>Placenta</i> , 2015, 36, 1405-1411.	1.5	11
66	Chondroitin sulfate proteoglycan protein is stimulated by interleukin 11 and promotes endometrial epithelial cancer cell proliferation and migration. <i>International Journal of Oncology</i> , 2017, 50, 798-804.	3.3	11
67	Fibulin-5 localisation in human endometrial cancer shifts from epithelial to stromal with increasing tumour grade, and silencing promotes endometrial epithelial cancer cell proliferation. <i>Oncology Letters</i> , 2016, 12, 651-657.	1.8	10
68	Soluble Delta-like ligand 1 alters human endometrial epithelial cell adhesive capacity. <i>Reproduction, Fertility and Development</i> , 2017, 29, 694.	0.4	10
69	Jagged1 regulates endometrial receptivity in both humans and mice. <i>FASEB Journal</i> , 2021, 35, e21784.	0.5	10
70	The Placental NLRP3 Inflammasome and Its Downstream Targets, Caspase-1 and Interleukin-6, Are Increased in Human Fetal Growth Restriction: Implications for Aberrant Inflammation-Induced Trophoblast Dysfunction. <i>Cells</i> , 2022, 11, 1413.	4.1	10
71	Interleukin 11: similar or opposite roles in female reproduction and reproductive cancer?. <i>Reproduction, Fertility and Development</i> , 2016, 28, 395.	0.4	9
72	MicroRNA Biogenesis Machinery Is Dysregulated in the Endometrium of Infertile Women Suggesting a Role in Receptivity and Infertility. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 589-599.	2.5	9

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73	IL-11/IL11RA receptor mediated signaling: a web accessible knowledgebase. <i>Cell Communication and Adhesion</i> , 2013, 20, 81-86.	1.0	8
74	Differentiation of bone marrow derived mesenchymal stem cells into male germ-like cells in co-culture with testicular cells. <i>Endocrine Regulations</i> , 2019, 53, 93-99.	1.3	8
75	Chloride intracellular channel 4 is dysregulated in endometrium of women with infertility and alters receptivity. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 490-496.	2.1	8
76	Tripeptidyl peptidase I promotes human endometrial epithelial cell adhesive capacity implying a role in receptivity. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 124.	3.3	8
77	Profilin-1 is dysregulated in endometroid (type I) endometrial cancer promoting cell proliferation and inhibiting pro-inflammatory cytokine production. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 459-464.	2.1	8
78	Role of the prorenin receptor in endometrial cancer cell growth. <i>Oncotarget</i> , 2022, 13, 587-599.	1.8	8
79	Interleukin 11 is upregulated in preeclampsia and leads to inflammation and preeclampsia features in mice. <i>Journal of Reproductive Immunology</i> , 2018, 125, 32-38.	1.9	7
80	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.	4.1	6
81	Flotillin-1 protein is upregulated in human endometrial cancer and localization shifts from epithelial to stromal with increasing tumor grade. <i>Cancer Investigation</i> , 2016, 34, 26-31.	1.3	5
82	Molecular and Cellular Basis of Human Embryo Implantation. , 2019, , 10-18.		5
83	MAML1: a coregulator that alters endometrial epithelial cell adhesive capacity. <i>Fertility Research and Practice</i> , 2021, 7, 8.	4.2	5
84	Postpartum ovulation and early pregnancy in the menstruating spiny mouse, <i>Acomys cahirinus</i> . <i>Scientific Reports</i> , 2021, 11, 5344.	3.3	5
85	Prednisolone Alters Endometrial Decidual Cells and Affects Decidual-Trophoblast Interactions. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647496.	3.7	5
86	Interleukin 11 and Activin A Synergise to Enhance Medroxyprogesterone But Not cAMP-Induced Decidualization of Human Endometrial Stromal Cells.. <i>Biology of Reproduction</i> , 2008, 78, 143-143.	2.7	5
87	Acute changes in myo-inositol uptake and 22Na^+ flux in murine neuroblastoma cells (N1E-115) following insulin. <i>FEBS Letters</i> , 1987, 220, 84-88.	2.8	4
88	<i>Dmp1Cre</i> -directed knockdown of parathyroid hormone-related protein (PTHrP) in murine decidua is associated with a life-long increase in bone mass, width, and strength in male progeny. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1999-2016.	2.8	4
89	Interleukin 11 blockade during mid to late gestation does not affect maternal blood pressure, pregnancy viability or subsequent fertility in mice. <i>Reproductive BioMedicine Online</i> , 2018, 36, 250-258.	2.4	3
90	Serum leukotriene B4 and hydroxyeicosatetraenoic acid in the prediction of pre-eclampsia. <i>Placenta</i> , 2021, 103, 76-81.	1.5	3

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91	Evidence That Muscarinic Receptors in Islet Cells are Not Coupled Functionally to Adenylate Cyclase Through the Inhibitory Guanine Nucleotide Binding Protein (Ni). <i>Hormone and Metabolic Research</i> , 1988, 20, 150-153.	1.5	2
92	The use of malaria glycosaminoglycan to block cancersâ€™ lessons from the human placenta. <i>Translational Cancer Research</i> , 2016, 5, S1085-S1087.	1.0	2
93	Characterization of chloride intracellular channel 4 in the regulation of human trophoblast function. <i>Placenta</i> , 2022, 119, 24-30.	1.5	1