

Mei-rong Du

List of Publications by Year in descending order

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81
papers

2,395
citations

218381

26
h-index

243296

44
g-index

87
all docs

87
docs citations

87
times ranked

2494
citing authors

#	ARTICLE	IF	CITATIONS
1	The integrative roles of chemokines at the maternal-fetal interface in early pregnancy. Cellular and Molecular Immunology, 2014, 11, 438-448.	4.8	171
2	Cell-cell contact with proinflammatory macrophages enhances the immunotherapeutic effect of mesenchymal stem cells in two abortion models. Cellular and Molecular Immunology, 2019, 16, 908-920.	4.8	131
3	The Galectin-9/Tim-3 pathway is involved in the regulation of NK cell function at the maternal-fetal interface in early pregnancy. Cellular and Molecular Immunology, 2016, 13, 73-81.	4.8	113
4	Embryonic Trophoblasts Induce Decidual Regulatory T Cell Differentiation and Maternal-Fetal Tolerance through Thymic Stromal Lymphopoietin Instructing Dendritic Cells. Journal of Immunology, 2014, 192, 1502-1511.	0.4	109
5	Thymic stromal lymphopoietin from trophoblasts induces dendritic cell-mediated regulatory TH2 bias in the decidua during early gestation in humans. Blood, 2010, 116, 2061-2069.	0.6	96
6	Programmed cell death-1 (PD-1) and T-cell immunoglobulin mucin-3 (Tim-3) regulate CD4 ⁺ T cells to induce Type 2 helper T cell (Th2) bias at the maternal-fetal interface. Human Reproduction, 2016, 31, 700-711.	0.4	95
7	Human Trophoblasts Recruited T Lymphocytes and Monocytes into Decidua by Secretion of Chemokine CXCL16 and Interaction with CXCR6 in the First-Trimester Pregnancy. Journal of Immunology, 2008, 180, 2367-2375.	0.4	89
8	Chemokine CXCL12 promotes the cross-talk between trophoblasts and decidual stromal cells in human first-trimester pregnancy. Human Reproduction, 2008, 23, 2669-2679.	0.4	82
9	Tim-3 signaling in peripheral NK cells promotes maternal-fetal immune tolerance and alleviates pregnancy loss. Science Signaling, 2017, 10, .	1.6	82
10	Human GV oocytes generated by mitotically active germ cells obtained from follicular aspirates. Scientific Reports, 2016, 6, 28218.	1.6	75
11	Three macrophage subsets are identified in the uterus during early human pregnancy. Cellular and Molecular Immunology, 2018, 15, 1027-1037.	4.8	67
12	CD56 ^{bright} CD25 ⁺ NK cells are preferentially recruited to the maternal/fetal interface in early human pregnancy. Cellular and Molecular Immunology, 2015, 12, 77-86.	4.8	58
13	Cyclosporin A Improves Pregnancy Outcome by Promoting Functions of Trophoblasts and Inducing Maternal Tolerance to the Allogeneic Fetus in Abortion-Prone Matings in the Mouse1. Biology of Reproduction, 2007, 76, 906-914.	1.2	54
14	Cyclosporine A induces titin expression via MAPK/ERK signalling and improves proliferative and invasive potential of human trophoblast cells. Human Reproduction, 2007, 22, 2528-2537.	0.4	51
15	Co-Signaling Molecules in Maternal-Fetal Immunity. Trends in Molecular Medicine, 2017, 23, 46-58.	3.5	50
16	Tim-3 protects decidual stromal cells from toll-like receptor-mediated apoptosis and inflammatory reactions and promotes Th2 bias at the maternal-fetal interface. Scientific Reports, 2015, 5, 9013.	1.6	47
17	The appropriate frequency and function of decidual Tim-3+CTLA-4+CD8+ T cells are important in maintaining normal pregnancy. Cell Death and Disease, 2019, 10, 407.	2.7	47
18	Functional regulation of decidual macrophages during pregnancy. Journal of Reproductive Immunology, 2021, 143, 103264.	0.8	46

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19	Cyclosporin A improves murine pregnancy outcome in abortion-prone matings: involvement of CD80/86 and CD28/CTLA-4. <i>Reproduction</i> , 2008, 135, 385-395.	1.1	43
20	The decidual stromal cells-secreted CCL2 induces and maintains decidual leukocytes into Th2 bias in human early pregnancy. <i>Clinical Immunology</i> , 2012, 145, 161-173.	1.4	42
21	Crosstalk Between Trophoblasts and Decidual Immune Cells: The Cornerstone of Maternal-Fetal Immunotolerance. <i>Frontiers in Immunology</i> , 2021, 12, 642392.	2.2	39
22	The B7x Immune Checkpoint Pathway: From Discovery to Clinical Trial. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 883-896.	4.0	37
23	Cyclosporin A Promotes Growth and Invasiveness In Vitro of Human First-Trimester Trophoblast Cells Via MAPK3/MAPK1-Mediated AP1 and Ca ²⁺ /Calcineurin/NFAT Signaling Pathways ¹ . <i>Biology of Reproduction</i> , 2008, 78, 1102-1110.	1.2	36
24	Leonurine: From Gynecologic Medicine to Pleiotropic Agent. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 152-160.	0.7	36
25	dNK cells facilitate the interaction between trophoblastic and endothelial cells via VEGF and HGF. <i>Immunology and Cell Biology</i> , 2017, 95, 695-704.	1.0	35
26	Blockade of CTLA-4 and Tim-3 pathways induces fetal loss with altered cytokine profiles by decidual CD4 ⁺ T cells. <i>Cell Death and Disease</i> , 2019, 10, 15.	2.7	33
27	Protective role of GPR120 in the maintenance of pregnancy by promoting decidualization via regulation of glucose metabolism. <i>EBioMedicine</i> , 2019, 39, 540-551.	2.7	30
28	Opposing role of JNK-p38 kinase and ERK1/2 in hydrogen peroxide-induced oxidative damage of human trophoblast-like JEG-3 cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 959-68.	0.5	30
29	Trophoblast-derived hyaluronan promotes the regulatory phenotype of decidual macrophages. <i>Reproduction</i> , 2019, 157, 189-198.	1.1	28
30	Tim-3 and PD-1 regulate CD8 ⁺ T cell function to maintain early pregnancy in mice. <i>Journal of Reproduction and Development</i> , 2017, 63, 289-294.	0.5	26
31	Decidual CD8 ⁺ T cells exhibit both residency and tolerance signatures modulated by decidual stromal cells. <i>Journal of Translational Medicine</i> , 2020, 18, 221.	1.8	23
32	Evaluation of inactivated COVID-19 vaccine on semen parameters in reproductive-age males: a retrospective cohort study. <i>Asian Journal of Andrology</i> , 2022, 24, 441.	0.8	21
33	SB225002 Promotes Mitotic Catastrophe in Chemo-Sensitive and -Resistant Ovarian Cancer Cells Independent of p53 Status In Vitro. <i>PLoS ONE</i> , 2013, 8, e54572.	1.1	20
34	Activation of Rev-erb α attenuates lipopolysaccharide-induced inflammatory reactions in human endometrial stroma cells via suppressing TLR4-regulated NF- κ B activation. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 908-914.	0.9	19
35	Involvement of the JAK-STAT pathway in collagen regulation of decidual NK cells. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12769.	1.2	18
36	Different roles of E proteins in t(8;21) leukemia: E2-2 compromises the function of AETFC and negatively regulates leukemogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 890-899.	3.3	18

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37	Regulatory mechanisms of endometrial decidualization and pregnancy-related diseases. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 52, 105-115.	0.9	17
38	Th17/Treg cell balance in the peripheral blood of pregnant females with a history of recurrent spontaneous abortion receiving progesterone or cyclosporine A. <i>Experimental and Therapeutic Medicine</i> , 2020, 21, 37.	0.8	17
39	Tim3/CTLA4 pathways regulate decidual immune cells-extravillous trophoblasts interaction by IL4 and IL10. <i>FASEB Journal</i> , 2021, 35, e21754.	0.2	15
40	Mesenchymal stem cells enhance Treg immunosuppressive function at the fetal-maternal interface. <i>Journal of Reproductive Immunology</i> , 2021, 148, 103366.	0.8	15
41	Expression and Functional Characterization of NOD2 in Decidual Stromal Cells Isolated during the First Trimester of Pregnancy. <i>PLoS ONE</i> , 2014, 9, e99612.	1.1	14
42	Inhibition of AKT sensitizes chemoresistant ovarian cancer cells to cisplatin by abrogating S and G2/M arrest. <i>Experimental and Molecular Pathology</i> , 2016, 100, 506-513.	0.9	14
43	Bidirectional regulation between 1st trimester HTR8/SVneo trophoblast cells and in vitro differentiated Th17/Treg cells suggest a fetal-maternal regulatory loop in human pregnancy. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13106.	1.2	14
44	Histone deacetylase 9 deficiency exaggerates uterine M2 macrophage polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7690-7708.	1.6	14
45	Decidual CXCR4 ⁺ CD56 ^{bright} NK cells as a novel NK subset in maternal-foetal immune tolerance to alleviate early pregnancy failure. <i>Clinical and Translational Medicine</i> , 2021, 11, e540.	1.7	14
46	Circadian rhythm-associated Rev-erb β modulates polarization of decidual macrophage via the PI3K/Akt signaling pathway. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13436.	1.2	13
47	Expression of anti-M β 14/111 alllerian hormone in letrozole rat model of polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2014, 30, 885-889.	0.7	12
48	TIM-3: a crucial regulator of NK cells in pregnancy. <i>Cellular and Molecular Immunology</i> , 2017, 14, 948-950.	4.8	12
49	Involvement of the Tim-3 Pathway in the Pathogenesis of Pre-Eclampsia. <i>Reproductive Sciences</i> , 2021, 28, 3331-3340.	1.1	12
50	Tissue-resident CD8 ⁺ T memory cells with unique properties are present in human decidua during early pregnancy. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13254.	1.2	11
51	Characterization of Vaginal Microbiota in Women With Recurrent Spontaneous Abortion That Can Be Modified by Drug Treatment. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 680643.	1.8	11
52	Tim-3 ⁺ decidual M β 14s induced Th2 and Treg bias in decidual CD4 ⁺ T cells and promoted pregnancy maintenance via CD132. <i>Cell Death and Disease</i> , 2022, 13, 454.	2.7	11
53	Picropodophyllin inhibits type I endometrial cancer cell proliferation via disruption of the PI3K/Akt pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 753-760.	0.9	10
54	Pharmacological activation of rev-erb β suppresses LPS-induced macrophage M1 polarization and prevents pregnancy loss. <i>BMC Immunology</i> , 2021, 22, 57.	0.9	10

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55	CsA improves the trophoblasts invasiveness through strengthening the cross-talk of trophoblasts and decidual stromal cells mediated by CXCL12 and CD82 in early pregnancy. <i>International Journal of Clinical and Experimental Pathology</i> , 2012, 5, 299-307.	0.5	10
56	SCM-198 protects endometrial stromal cells from oxidative damage through Bax/Bcl-2 and ERK signaling pathways. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 579-586.	0.9	9
57	Decidualization-derived cAMP regulates phenotypic and functional conversion of decidual NK cells from CD56dimCD16 ⁺ NK cells. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1596-1598.	4.8	8
58	Advances and challenges of mesenchymal stem cells for pregnancy-related diseases. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2075-2077.	4.8	8
59	Obesity Challenge Drives Distinct Maternal Immune Response Changes in Normal Pregnant and Abortion-Prone Mouse Models. <i>Frontiers in Immunology</i> , 2021, 12, 694077.	2.2	8
60	SCM-198 ameliorates endometrial inflammation via suppressing the LPS-JNK-cJUN/cFOS-TLR4-NF- κ B pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1207-1215.	0.9	8
61	Melatonin regulates proliferation and apoptosis of endometrial stromal cells via MT1. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1333-1341.	0.9	8
62	Cyclosporin A enhances the ability of trophoblasts to displace the activated human umbilical vein endothelial cell monolayers. <i>International Journal of Clinical and Experimental Pathology</i> , 2013, 6, 2441-50.	0.5	8
63	SCM-198 Alleviates Endometriosis by Suppressing Estrogen-ER α mediated Differentiation and Function of CD4 ⁺ CD25 ⁺ Regulatory T Cells. <i>International Journal of Biological Sciences</i> , 2022, 18, 1961-1973.	2.6	8
64	Pigment epithelium-derived factor, a novel decidual natural killer cells-derived factor, protects decidual stromal cells via anti-inflammation and anti-apoptosis in early pregnancy. <i>Human Reproduction</i> , 2020, 35, 1537-1552.	0.4	7
65	Galectin-9 regulates HTR8/SVneo function via JNK signaling. <i>Reproduction</i> , 2021, 161, 1-10.	1.1	7
66	Melatonin-MT1 signal is essential for endometrial decidualization. <i>Reproduction</i> , 2021, 162, 161-170.	1.1	7
67	Delayed Antiviral Immune Responses in Severe Acute Respiratory Syndrome Coronavirus Infected Pregnant Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 806902.	1.5	7
68	Norepinephrine exposure restrains endometrial decidualization during early pregnancy. <i>Journal of Endocrinology</i> , 2021, 248, 277-288.	1.2	6
69	Improved pregnancy outcomes of cyclosporine A on patients with unexplained repeated implantation failure in IVF/ICSI cycles: A retrospective cohort study. <i>American Journal of Reproductive Immunology</i> , 2022, 87, e13525.	1.2	6
70	Relationship between receipt of substitutable for-fee vaccines and completion of the expanded programme on immunisation: a cross-sectional study in Fujian, China. <i>BMJ Open</i> , 2017, 7, e015666.	0.8	5
71	Cyclosporine A improves adhesion and invasion of mouse preimplantation embryos via upregulating integrin β 3 and matrix metalloproteinase-9. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1379-88.	0.5	5
72	MicroRNA let-7i inhibits granulosa-luteal cell proliferation and oestradiol biosynthesis by directly targeting IMP2. <i>Reproductive BioMedicine Online</i> , 2022, 44, 803-816.	1.1	5

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73	Altered frequency and function of spleen CTLA-4+Tim-3+ T cells are associated with miscarriage. Biology of Reproduction, 2021, 104, 410-417.	1.2	4
74	TORC2/3-mediated DUSP1 upregulation is essential for human decidualization. Reproduction, 2021, 161, 573-580.	1.1	4
75	Decreased level of Eomes+dCD8+ T cells with altered function might be associated with miscarriage. Reproduction, 2021, 162, 107-115.	1.1	4
76	The risk of intrauterine exposure to SARS-CoV-2 in female COVID-19 patients: A comprehensive review. American Journal of Reproductive Immunology, 2023, 89, .	1.2	4
77	Eomesodermin regulate decidual CD4+T cell function during human early pregnancy. Journal of Reproductive Immunology, 2021, 146, 103290.	0.8	3
78	Dysregulation of the CD147 complex confers defective placental development: A pathogenesis of early-onset preeclampsia. Clinical and Translational Medicine, 2022, 12, .	1.7	3
79	Decidual NR2F2-Expressing CD4+ T Cells Promote TH2 Transcriptional Program During Early Pregnancy. Frontiers in Immunology, 2021, 12, 670777.	2.2	2
80	WNT16 from decidual stromal cells regulates HTR8/SVneo trophoblastic cell function via AKT/beta-catenin pathway. Reproduction, 2022, 163, 241-250.	1.1	2
81	Decidualization-derived cAMP promotes decidual NK cells to be angiogenic phenotype. American Journal of Reproductive Immunology, 2022, 88, .	1.2	2