

Ai-Hua Liao

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,320
citations

318942

23
h-index

274796

44
g-index

74
all docs

74
docs citations

74
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	Low vitamin D levels in follicular fluid, but not in serum, are associated with adverse outcomes in assisted reproduction. Archives of Gynecology and Obstetrics, 2022, 305, 505-517.	0.8	6
2	A newly intervention strategy in preeclampsia: Targeting PD-1/TIM-3 signaling pathways to modulate the polarization of decidual macrophages. FASEB Journal, 2022, 36, e22073.	0.2	11
3	Trophoblast-derived Lactic Acid Orchestrates Decidual Macrophage Differentiation via SRC/LDHA Signaling in Early Pregnancy. International Journal of Biological Sciences, 2022, 18, 599-616.	2.6	24
4	Prunella vulgaris can improve the pregnancy outcomes of experimental autoimmune thyroiditis rats by inhibiting Th1/Th17 immune responses. Journal of Reproductive Immunology, 2022, 149, 103469.	0.8	2
5	Immunologic Memory in Pregnancy: Focusing on Memory Regulatory T Cells. International Journal of Biological Sciences, 2022, 18, 2406-2418.	2.6	2
6	UHRF1 shapes both the trophoblast invasion and decidual macrophage differentiation in early pregnancy. FASEB Journal, 2022, 36, e22247.	0.2	4
7	Mechanisms of immune regulation by the placenta: Role of type I interferon and interferon- γ stimulated genes signaling during pregnancy*. Immunological Reviews, 2022, 308, 9-24.	2.8	16
8	Next generation of immune checkpoint molecules in maternal-fetal immunity*. Immunological Reviews, 2022, 308, 40-54.	2.8	23
9	Cutting edge: the regulatory mechanisms of macrophage polarization and function during pregnancy. Journal of Reproductive Immunology, 2022, 151, 103627.	0.8	14
10	Pathological and molecular examinations of postmortem testis biopsies reveal SARS-CoV-2 infection in the testis and spermatogenesis damage in COVID-19 patients. Cellular and Molecular Immunology, 2021, 18, 487-489.	4.8	115
11	The dynamic profile and potential function of B-cell subsets during pregnancy. Cellular and Molecular Immunology, 2021, 18, 1082-1084.	4.8	7
12	Safety of lymphocytes immunotherapy during the COVID-19 outbreak in Wuhan, China. Archives of Gynecology and Obstetrics, 2021, 304, 567-569.	0.8	0
13	An Immunological Perspective: What Happened to Pregnant Women After Recovering From COVID-19?. Frontiers in Immunology, 2021, 12, 631044.	2.2	14
14	Recent insights into the impact of immune dysfunction on reproduction in autoimmune thyroiditis. Clinical Immunology, 2021, 224, 108663.	1.4	10
15	Predictive value of anti-M μ llerian hormone on pregnancy outcomes in in-vitro fertilization/intracytoplasmic single sperm injection patients at different ages. Archives of Gynecology and Obstetrics, 2021, 304, 1611-1620.	0.8	2
16	Systemic Characterization of Novel Immune Cell Phenotypes in Recurrent Pregnancy Loss. Frontiers in Immunology, 2021, 12, 657552.	2.2	11
17	Pregnancy Induces an Immunological Memory Characterized by Maternal Immune Alterations Through Specific Genes Methylation. Frontiers in Immunology, 2021, 12, 686676.	2.2	6
18	C-Type Natriuretic Peptide Plays an Anti-Inflammatory Role in Rat Epididymitis Induced by UPEC. Frontiers in Cellular and Infection Microbiology, 2021, 11, 711842.	1.8	8

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19	Roles of $\hat{I}^3\hat{T}$ cells in pregnancy and pregnancy-related complications. American Journal of Reproductive Immunology, 2021, 86, e13487.	1.2	7
20	Placenta-derived interferon-stimulated gene 20 controls ZIKA virus infection. EMBO Reports, 2021, 22, e52450.	2.0	17
21	The metabolic landscape of decidua in recurrent pregnancy loss using a global metabolomics approach. Placenta, 2021, 112, 45-53.	0.7	9
22	Toll-like receptors and NOD-like receptors at the implantation site. , 2021, , 277-294.		1
23	The epigenetic regulation of the immune system during pregnancy. , 2021, , 365-385.		2
24	TNF- \hat{I} Regulated Endometrial Stroma Secretome Promotes Trophoblast Invasion. Frontiers in Immunology, 2021, 12, 737401.	2.2	17
25	Epigenetic modifications working in the decidualization and endometrial receptivity. Cellular and Molecular Life Sciences, 2020, 77, 2091-2101.	2.4	55
26	Special issue on COVID-19 and pregnancy: Consequences for maternal and neonatal health. American Journal of Reproductive Immunology, 2020, 84, e13354.	1.2	4
27	The Immune Characteristics of the Epididymis and the Immune Pathway of the Epididymitis Caused by Different Pathogens. Frontiers in Immunology, 2020, 11, 2115.	2.2	24
28	Establishment and characterization of a new human first trimester Trophoblast cell line, AL07. Placenta, 2020, 100, 122-132.	0.7	8
29	COVID-19 and Treg/Th17 imbalance: Potential relationship to pregnancy outcomes. American Journal of Reproductive Immunology, 2020, 84, e13304.	1.2	81
30	GOLGA4, A Golgi matrix protein, is dispensable for spermatogenesis and male fertility in mice. Biochemical and Biophysical Research Communications, 2020, 529, 642-646.	1.0	6
31	Newly characterized decidual Tim-3+ Treg cells are abundant during early pregnancy and driven by IL-27 coordinately with Gal-9 from trophoblasts. Human Reproduction, 2020, 35, 2454-2466.	0.4	30
32	Trophoblast-secreted soluble-PD-L1 modulates macrophage polarization and function. Journal of Leukocyte Biology, 2020, 108, 983-998.	1.5	45
33	Lactic Acid: A Novel Signaling Molecule in Early Pregnancy?. Frontiers in Immunology, 2020, 11, 279.	2.2	57
34	Why are pregnant women susceptible to COVID-19? An immunological viewpoint. Journal of Reproductive Immunology, 2020, 139, 103122.	0.8	359
35	COVID-19 and immunomodulation treatment for women with reproductive failures. Journal of Reproductive Immunology, 2020, 141, 103168.	0.8	12
36	T Cell-Related Endometrial Gene Expression in Normal and Complicated Pregnancies. , 2020, , 51-66.		3

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37	Low circulating levels of vitamin D may contribute to the occurrence of preeclampsia through deregulation of Treg /Th17 cell ratio. American Journal of Reproductive Immunology, 2019, 82, e13168.	1.2	19
38	UHRF1 suppresses retrotransposons and cooperates with PRMT5 and PIWI proteins in male germ cells. Nature Communications, 2019, 10, 4705.	5.8	56
39	Forkhead box P3 is selectively expressed in human trophoblasts and decreased in recurrent pregnancy loss. Placenta, 2019, 81, 1-8.	0.7	10
40	The role and mechanism of vitamin D-mediated regulation of Treg/Th17 balance in recurrent pregnancy loss. American Journal of Reproductive Immunology, 2019, 81, e13112.	1.2	41
41	Identification of programmed cell death 1 and its ligand in the testicular tissue of mice. American Journal of Reproductive Immunology, 2019, 81, e13079.	1.2	5
42	Novel 3D in vitro models to evaluate trophoblast migration and invasion. American Journal of Reproductive Immunology, 2019, 81, e13076.	1.2	24
43	The role of the PD-1/PD-L1 axis in macrophage differentiation and function during pregnancy. Human Reproduction, 2019, 34, 25-36.	0.4	97
44	The altered PD-1/PD-L1 pathway delivers the "one-two punch" effects to promote the Treg/Th17 imbalance in pre-eclampsia. Cellular and Molecular Immunology, 2018, 15, 710-723.	4.8	107
45	Effects of maternal body mass index on pregnancy outcome after 8570 artificial insemination cycles with donor's sperm. Gynecological Endocrinology, 2018, 34, 1068-1072.	0.7	8
46	Modulatory effect of intravenous immunoglobulin on Th17/Treg cell balance in women with unexplained recurrent spontaneous abortion. American Journal of Reproductive Immunology, 2018, 80, e13018.	1.2	54
47	Galectin-9 Alleviates LPS-Induced Preeclampsia-Like Impairment in Rats via Switching Decidual Macrophage Polarization to M2 Subtype. Frontiers in Immunology, 2018, 9, 3142.	2.2	83
48	The transdifferentiation of regulatory T and Th17 cells in autoimmune/inflammatory diseases and its potential implications in pregnancy complications. American Journal of Reproductive Immunology, 2017, 78, e12657.	1.2	23
49	Immunological function of vitamin D during human pregnancy. American Journal of Reproductive Immunology, 2017, 78, e12716.	1.2	31
50	Modulators of the Balance between M1 and M2 Macrophages during Pregnancy. Frontiers in Immunology, 2017, 8, 120.	2.2	178
51	The roles of the PD-1/PD-L1 pathway at immunologically privileged sites. American Journal of Reproductive Immunology, 2017, 78, e12710.	1.2	24
52	A Systematic Review and Meta-Analysis of the Relationship Between Hospital Volume and the Outcomes of Percutaneous Coronary Intervention. Medicine (United States), 2016, 95, e2687.	0.4	15
53	The PD-1/PD-L1 inhibitory pathway is altered in pre-eclampsia and regulates T cell responses in pre-eclamptic rats. Scientific Reports, 2016, 6, 27683.	1.6	69
54	Tim-3: Expression on immune cells and roles at the maternal-fetal interface. Journal of Reproductive Immunology, 2016, 118, 92-99.	0.8	43

#	ARTICLE	IF	CITATIONS
55	<sc>CD</sc>14⁺<sc>CD</sc>16⁺<sc>HLA</sc>DR⁺ Monocytes in Peripheral Blood are Quantitatively Correlated with the Severity of Pre-eclampsia. American Journal of Reproductive Immunology, 2015, 74, 116-122.	1.2	17
56	Recent Insight into the Role of the <sc>PD</sc>1⁺<sc>PD</sc>L1 Pathway in Feto-Maternal Tolerance and Pregnancy. American Journal of Reproductive Immunology, 2015, 74, 201-208.	1.2	58
57	Morphological Changes and Expression of Cytokine After Local Endometrial Injury in a Mouse Model. Reproductive Sciences, 2015, 22, 1377-1386.	1.1	16
58	What are the roles of macrophages and monocytes in human pregnancy?. Journal of Reproductive Immunology, 2015, 112, 73-80.	0.8	65
59	Cyclic Changes and Relationship between Peripheral and Endometrial NK Cells from Women with Repeated Failure after Artificial Insemination by Donor Sperm. American Journal of Reproductive Immunology, 2014, 71, 44-54.	1.2	2
60	Quantitative Reduction of Peripheral <sc>CD</sc>4⁺<sc>CD</sc>25⁺<sc>FOXP</sc>3⁺ Regulatory T cells in Reproductive Failure after Artificial Insemination by Donor Sperm. American Journal of Reproductive Immunology, 2013, 69, 188-193.	1.2	24
61	Management of Women with Recurrent Pregnancy Losses and Antiphospholipid Antibody Syndrome. American Journal of Reproductive Immunology, 2013, 69, 596-607.	1.2	25
62	<sc>T</sc>reg <sc>C</sc>ells <sc>A</sc>re <sc>N</sc>egatively <sc>C</sc>orrelated with <sc>I</sc>ncreased <sc>M</sc>emory <sc>B</sc>C</sc>ells in <sc>P</sc>re-eclampsia <sc>W</sc>hile <sc>M</sc>aintaining <sc>S</sc>uppressive <sc>F</sc>unction on <sc>A</sc>utologous <sc>B</sc> <sc>C</sc>ell <sc>P</sc>roliferation. American Journal of Reproductive Immunology, 2013, 70, 454-463.	1.2	29
63	Quantitative and functional changes in peripheral natural killer cells in women with reproductive failure after artificial insemination with donor sperm. Journal of Reproductive Immunology, 2011, 91, 83-89.	0.8	5
64	ORIGINAL ARTICLE: Enhanced Maternal Anti-Fetal Immunity Contributes to the Severity of Hypertensive Disorder Complicating Pregnancy. American Journal of Reproductive Immunology, 2010, 63, 379-386.	1.2	6
65	Quick recovery and characterization of cell-free DNA in seminal plasma of normozoospermia and azoospermia: implications for non-invasive genetic utilities. Asian Journal of Andrology, 2009, 11, 703-709.	0.8	46
66	ORIGINAL ARTICLE: Functional Changes of Human Peripheral B-Lymphocytes in Pre-eclampsia. American Journal of Reproductive Immunology, 2009, 61, 313-321.	1.2	18
67	Quantitative abnormalities of fetal trophoblast cells in maternal circulation in preeclampsia. Prenatal Diagnosis, 2008, 28, 1160-1166.	1.1	15
68	Bioavailability of mifepristone in capsule versus tablet form in healthy nonpregnant women. Contraception, 2008, 77, 431-434.	0.8	3
69	Expression of CatSper family transcripts in the mouse testis during post-natal development and human ejaculated spermatozoa: relationship to sperm motility. Molecular Human Reproduction, 2007, 13, 299-306.	1.3	71
70	The expression and significance of CATSPER1 in human testis and ejaculated spermatozoa. Asian Journal of Andrology, 2006, 8, 301-306.	0.8	21