

Anne Schumacher

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,185
citations

236612

25
h-index

301761

39
g-index

40
all docs

40
docs citations

40
times ranked

2585
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Chorionic Gonadotropin Attracts Regulatory T Cells into the Fetal-Maternal Interface during Early Human Pregnancy. <i>Journal of Immunology</i> , 2009, 182, 5488-5497.	0.4	271
2	The T helper type 17/regulatory T cell paradigm in pregnancy. <i>Immunology</i> , 2016, 148, 13-21.	2.0	219
3	Endocrine Factors Modulating Immune Responses in Pregnancy. <i>Frontiers in Immunology</i> , 2014, 5, 196.	2.2	181
4	Cutting Edge: IL-10-Producing Regulatory B Cells in Early Human Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 448-453.	1.2	145
5	Human Chorionic Gonadotropin as a Central Regulator of Pregnancy Immune Tolerance. <i>Journal of Immunology</i> , 2013, 190, 2650-2658.	0.4	137
6	Immune Cells at the Fetomaternal Interface: How the Microenvironment Modulates Immune Cells To Foster Fetal Development. <i>Journal of Immunology</i> , 2018, 201, 325-334.	0.4	113
7	Kinetics of Regulatory T Cells During Murine Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 514-523.	1.2	85
8	Blockage of Heme Oxygenase-1 Abrogates the Protective Effect of Regulatory T Cells on Murine Pregnancy and Promotes the Maturation of Dendritic Cells. <i>PLoS ONE</i> , 2012, 7, e42301.	1.1	79
9	Maternal and Fetal Mechanisms of B Cell Regulation during Pregnancy: Human Chorionic Gonadotropin Stimulates B Cells to Produce IL-10 While Alpha-Fetoprotein Drives Them into Apoptosis. <i>Frontiers in Immunology</i> , 2016, 7, 495.	2.2	71
10	Mechanisms of Action of Regulatory T Cells Specific for Paternal Antigens During Pregnancy. <i>Obstetrics and Gynecology</i> , 2007, 110, 1137-1145.	1.2	66
11	Control of Uterine Microenvironment by Foxp3+ Cells Facilitates Embryo Implantation. <i>Frontiers in Immunology</i> , 2013, 4, 158.	2.2	60
12	B Cells: The Old New Players in Reproductive Immunology. <i>Frontiers in Immunology</i> , 2014, 5, 285.	2.2	59
13	Transfer of regulatory T cells into abortion-prone mice promotes the expansion of uterine mast cells and normalizes early pregnancy angiogenesis. <i>Scientific Reports</i> , 2015, 5, 13938.	1.6	54
14	Bisphenol A exposure during early pregnancy impairs uterine spiral artery remodeling and provokes intrauterine growth restriction in mice. <i>Scientific Reports</i> , 2018, 8, 9196.	1.6	54
15	IL-10 producing B cells rescue mouse fetuses from inflammation-driven fetal death and are able to modulate T cell immune responses. <i>Scientific Reports</i> , 2019, 9, 9335.	1.6	53
16	Human Chorionic Gonadotropin as a Pivotal Endocrine Immune Regulator Initiating and Preserving Fetal Tolerance. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2166.	1.8	45
17	Regulatory T Cells: Regulators of Life. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 158-170.	1.2	42
18	Human Chorionic Gonadotropin-Mediated Immune Responses That Facilitate Embryo Implantation and Placentation. <i>Frontiers in Immunology</i> , 2019, 10, 2896.	2.2	40

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19	Heme oxygenase-1 is critically involved in placentation, spiral artery remodeling, and blood pressure regulation during murine pregnancy. <i>Frontiers in Pharmacology</i> , 2014, 5, 291.	1.6	38
20	A Jacob/Nsmf Gene Knockout Results in Hippocampal Dysplasia and Impaired BDNF Signaling in Dendritogenesis. <i>PLoS Genetics</i> , 2016, 12, e1005907.	1.5	36
21	JEG-3 Trophoblast Cells Producing Human Chorionic Gonadotropin Promote Conversion of Human CD4+FOXP3 ^{hi} T Cells into CD4+FOXP3+ Regulatory T Cells and Foster T Cell Suppressive Activity1. <i>Biology of Reproduction</i> , 2016, 94, 106.	1.2	35
22	Regulatory T Cells are Baby's Best Friends. <i>American Journal of Reproductive Immunology</i> , 2013, 69, 331-339.	1.2	32
23	Effects of heme oxygenase-1 on innate and adaptive immune responses promoting pregnancy success and allograft tolerance. <i>Frontiers in Pharmacology</i> , 2014, 5, 288.	1.6	31
24	Plasma Cell Alloantigen 1 and IL-10 Secretion Define Two Distinct Peritoneal B1a B Cell Subsets With Opposite Functions, PC1 ^{high} Cells Being Protective and PC1 ^{low} Cells Harmful for the Growing Fetus. <i>Frontiers in Immunology</i> , 2018, 9, 1045.	2.2	28
25	Dermal exposure to the UV filter benzophenone-3 during early pregnancy affects fetal growth and sex ratio of the progeny in mice. <i>Archives of Toxicology</i> , 2020, 94, 2847-2859.	1.9	27
26	Human Breast Milk: From Food to Active Immune Response With Disease Protection in Infants and Mothers. <i>Frontiers in Immunology</i> , 2022, 13, 849012.	2.2	26
27	Immune Modulatory Effects of Human Chorionic Gonadotropin on Dendritic Cells Supporting Fetal Survival in Murine Pregnancy. <i>Frontiers in Endocrinology</i> , 2016, 7, 146.	1.5	24
28	Luteinizing Hormone Contributes to Fetal Tolerance by Regulating Adaptive Immune Responses. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 434-440.	1.2	21
29	The pregnancy hormone human chorionic gonadotropin differentially regulates plasmacytoid and myeloid blood dendritic cell subsets. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12837.	1.2	19
30	Human Miscarriage Is Associated With Dysregulations in Peripheral Blood-Derived Myeloid Dendritic Cell Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 2440.	2.2	18
31	Human Umbilical Vein Endothelial Cells foster conversion of CD4+CD25 ^{hi} Foxp3 ^{hi} T cells into CD4+Foxp3+ Regulatory T Cells via Transforming Growth Factor- β 2. <i>Scientific Reports</i> , 2016, 6, 23278.	1.6	17
32	Exposure to 17 β -ethinyl estradiol during early pregnancy affects fetal growth and survival in mice. <i>Environmental Pollution</i> , 2019, 251, 493-501.	3.7	17
33	HO-1 As Modulator of the Innate Immune Response in Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 24-30.	1.2	10
34	The Paternal Contribution to Fetal Tolerance. <i>Advances in Experimental Medicine and Biology</i> , 2015, 868, 211-225.	0.8	9
35	Progesterone-driven local regulatory T cell induction does not prevent fetal loss in the CBA/J \times DBA/2J abortion-prone model. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12626.	1.2	9
36	Y-Box Binding Protein 1 Expression in Trophoblast Cells Promotes Fetal and Placental Development. <i>Cells</i> , 2020, 9, 1942.	1.8	6

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37	Insights into Early-Pregnancy Mechanisms: Mast Cells and Chymase CMA1 Shape the Phenotype and Modulate the Functionality of Human Trophoblast Cells, Vascular Smooth-Muscle Cells and Endothelial Cells. <i>Cells</i> , 2022, 11, 1158.	1.8	4
38	Early-Pregnancy Dydrogesterone Supplementation Mimicking Luteal-Phase Support in ART Patients Did Not Provoke Major Reproductive Disorders in Pregnant Mice and Their Progeny. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5403.	1.8	3
39	Maternal B Cell-Intrinsic MyD88 Signaling Mediates LPS-Driven Intrauterine Fetal Death. <i>Cells</i> , 2021, 10, 2693.	1.8	1