

# 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	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
2	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
3	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
4	Maternal B Cell-Intrinsic MyD88 Signaling Mediates LPS-Driven Intrauterine Fetal Death. <i>Cells</i> , 2021, 10, 2693.	1.8	1
5	Y-Box Binding Protein 1 Expression in Trophoblast Cells Promotes Fetal and Placental Development. <i>Cells</i> , 2020, 9, 1942.	1.8	6
6	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
7	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
8	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
9	Exposure to 17 $\beta$ -ethinyl estradiol during early pregnancy affects fetal growth and survival in mice. <i>Environmental Pollution</i> , 2019, 251, 493-501.	3.7	17
10	Human Chorionic Gonadotropin-Mediated Immune Responses That Facilitate Embryo Implantation and Placentation. <i>Frontiers in Immunology</i> , 2019, 10, 2896.	2.2	40
11	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
12	Plasma Cell Alloantigen 1 and IL-10 Secretion Define Two Distinct Peritoneal B1a B Cell Subsets With Opposite Functions, PC1 <sup>high</sup> Cells Being Protective and PC1 <sup>low</sup> Cells Harmful for the Growing Fetus. <i>Frontiers in Immunology</i> , 2018, 9, 1045.	2.2	28
13	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
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	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
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	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
18	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

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19	A Jacob/Nsmf Gene Knockout Results in Hippocampal Dysplasia and Impaired BDNF Signaling in Dendritogenesis. PLoS Genetics, 2016, 12, e1005907.	1.5	36
20	Human Umbilical Vein Endothelial Cells foster conversion of CD4+CD25 <sup>hi</sup> Foxp3 <sup>hi</sup> T cells into CD4+Foxp3+ Regulatory T Cells via Transforming Growth Factor- $\beta$ 2. Scientific Reports, 2016, 6, 23278.	1.6	17
21	The T helper type 17/regulatory T cell paradigm in pregnancy. Immunology, 2016, 148, 13-21.	2.0	219
22	JEG-3 Trophoblast Cells Producing Human Chorionic Gonadotropin Promote Conversion of Human CD4+FOXP3 <sup>hi</sup> T Cells into CD4+FOXP3+ Regulatory T Cells and Foster T Cell Suppressive Activity1. Biology of Reproduction, 2016, 94, 106.	1.2	35
23	Transfer of regulatory T cells into abortion-prone mice promotes the expansion of uterine mast cells and normalizes early pregnancy angiogenesis. Scientific Reports, 2015, 5, 13938.	1.6	54
24	The Paternal Contribution to Fetal Tolerance. Advances in Experimental Medicine and Biology, 2015, 868, 211-225.	0.8	9
25	B Cells: The Old New Players in Reproductive Immunology. Frontiers in Immunology, 2014, 5, 285.	2.2	59
26	Endocrine Factors Modulating Immune Responses in Pregnancy. Frontiers in Immunology, 2014, 5, 196.	2.2	181
27	Regulatory T Cells: Regulators of Life. American Journal of Reproductive Immunology, 2014, 72, 158-170.	1.2	42
28	Luteinizing Hormone Contributes to Fetal Tolerance by Regulating Adaptive Immune Responses. American Journal of Reproductive Immunology, 2014, 71, 434-440.	1.2	21
29	Effects of heme oxygenase-1 on innate and adaptive immune responses promoting pregnancy success and allograft tolerance. Frontiers in Pharmacology, 2014, 5, 288.	1.6	31
30	Heme oxygenase-1 is critically involved in placentation, spiral artery remodeling, and blood pressure regulation during murine pregnancy. Frontiers in Pharmacology, 2014, 5, 291.	1.6	38
31	Human Chorionic Gonadotropin as a Central Regulator of Pregnancy Immune Tolerance. Journal of Immunology, 2013, 190, 2650-2658.	0.4	137
32	<sc>Cutting Edge: IL</sc> $\beta$ 10 <sup>hi</sup> Producing Regulatory B Cells in Early Human Pregnancy. American Journal of Reproductive Immunology, 2013, 70, 448-453.	1.2	145
33	Regulatory <sc>T</sc> Cells are Baby's Best Friends. American Journal of Reproductive Immunology, 2013, 69, 331-339.	1.2	32
34	<sc>HO</sc> $\beta$ 1 As Modulator of the Innate Immune Response in Pregnancy. American Journal of Reproductive Immunology, 2013, 70, 24-30.	1.2	10
35	Control of Uterine Microenvironment by Foxp3+ Cells Facilitates Embryo Implantation. Frontiers in Immunology, 2013, 4, 158.	2.2	60
36	Blockage of Heme Oxygenase-1 Abrogates the Protective Effect of Regulatory T Cells on Murine Pregnancy and Promotes the Maturation of Dendritic Cells. PLoS ONE, 2012, 7, e42301.	1.1	79

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37	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
38	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
39	Kinetics of Regulatory T Cells During Murine Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 514-523.	1.2	85