

Petra Arck

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

817
citations

18
h-index

27
g-index

53
ext. papers

1,151
ext. citations

7.1
avg. IF

4.86
L-index

#	Paper	IF	Citations
46	Disruption of Glucocorticoid Action on CD11c Dendritic Cells Favors the Generation of CD4 Regulatory T Cells and Improves Fetal Development in Mice. <i>Frontiers in Immunology</i> , 2021 , 12, 729742	8.4	0
45	Inefficient Placental Virus Replication and Absence of Neonatal Cell-Specific Immunity Upon Sars-CoV-2 Infection During Pregnancy. <i>Frontiers in Immunology</i> , 2021 , 12, 698578	8.4	6
44	Infant immunity against viral infections is advanced by the placenta-dependent vertical transfer of maternal antibodies. <i>Vaccine</i> , 2021 ,	4.1	5
43	Vertically transferred maternal immune cells promote neonatal immunity against early life infections. <i>Nature Communications</i> , 2021 , 12, 4706	17.4	5
42	In-depth characterization of monocyte subsets during the course of healthy pregnancy. <i>Journal of Reproductive Immunology</i> , 2020 , 141, 103151	4.2	5
41	Multiomic immune clockworks of pregnancy. <i>Seminars in Immunopathology</i> , 2020 , 42, 397-412	12	24
40	Sex-specific epigenetic gene activation profiles are differentially modulated in human placentas affected by intrauterine growth restriction. <i>Journal of Reproductive Immunology</i> , 2020 , 139, 103124	4.2	2
39	Vertically Transferred Immunity in Neonates: Mothers, Mechanisms and Mediators. <i>Frontiers in Immunology</i> , 2020 , 11, 555	8.4	41
38	Pathogenesis of preterm birth: bidirectional inflammation in mother and fetus. <i>Seminars in Immunopathology</i> , 2020 , 42, 413-429	12	27
37	Manifestation and Associated Factors of Pregnancy-Related Worries in Expectant Fathers. <i>Frontiers in Psychiatry</i> , 2020 , 11, 575845	5	2
36	The longitudinal course of pregnancy-related anxiety in parous and nulliparous women and its association with symptoms of social and generalized anxiety. <i>Journal of Affective Disorders</i> , 2020 , 260, 111-118	6.6	11
35	Mutters kleine Helfer? - Konsequenzen mikrochimischer Zellen. <i>BioSpektrum</i> , 2019 , 25, 607-609	0.1	0
34	When 3 Rs meet a forth R: Replacement, reduction and refinement of animals in research on reproduction. <i>Journal of Reproductive Immunology</i> , 2019 , 132, 54-59	4.2	8
33	Impaired Progesterone-Responsiveness of CD11c Dendritic Cells Affects the Generation of CD4 Regulatory T Cells and Is Associated With Intrauterine Growth Restriction in Mice. <i>Frontiers in Endocrinology</i> , 2019 , 10, 96	5.7	13
32	Steroids, Pregnancy and Fetal Development. <i>Frontiers in Immunology</i> , 2019 , 10, 3017	8.4	33
31	The mnemonic code of pregnancy: Comparative analyses of pregnancy success and complication risk in first and second human pregnancies. <i>Journal of Reproductive Immunology</i> , 2019 , 134-135, 11-20	4.2	0
30	Couples prenatal bonding to the fetus and the association with one's own and partner's emotional well-being and adult romantic attachment style. <i>Midwifery</i> , 2019 , 79, 102549	2.8	9

29	Dydrogesterone: pharmacological profile and mechanism of action as luteal phase support in assisted reproduction. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 249-259	4	30
28	Progesterone modulates the T-cell response via glucocorticoid receptor-dependent pathways. <i>American Journal of Reproductive Immunology</i> , 2019 , 81, e13084	3.8	24
27	Comparative analysis of high field MRI and histology for ex vivo whole organ imaging: assessment of placental functional morphology in a murine model. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019 , 32, 197-204	2.8	2
26	Developmental origin and sex-specific risk for infections and immune diseases later in life. <i>Seminars in Immunopathology</i> , 2019 , 41, 137-151	12	16
25	DCE MRI reveals early decreased and later increased placenta perfusion after a stress challenge during pregnancy in a mouse model. <i>Placenta</i> , 2018 , 65, 15-19	3.4	3
24	Immunometabolism, pregnancy, and nutrition. <i>Seminars in Immunopathology</i> , 2018 , 40, 157-174	12	17
23	Innate immune responses to toll-like receptor stimulation are altered during the course of pregnancy. <i>Journal of Reproductive Immunology</i> , 2018 , 128, 30-37	4.2	23
22	Pregnancy Around the Clock. <i>Trends in Molecular Medicine</i> , 2018 , 24, 1-3	11.5	4
21	Prenatal stress challenge impairs fetal lung development and asthma severity sex-specifically in mice. <i>Journal of Reproductive Immunology</i> , 2018 , 125, 100-105	4.2	11
20	Male offspring born to mildly ZIKV-infected mice are at risk of developing neurocognitive disorders in adulthood. <i>Nature Microbiology</i> , 2018 , 3, 1161-1174	26.6	17
19	Glucocorticoid receptor in T cells mediates protection from autoimmunity in pregnancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E181-E190	11.5	61
18	Pregnancy-Related Immune Adaptation Promotes the Emergence of Highly Virulent H1N1 Influenza Virus Strains in Allogeneically Pregnant Mice. <i>Cell Host and Microbe</i> , 2017 , 21, 321-333	23.4	45
17	Maternal progesterone levels are modulated by maternal BMI and predict birth weight sex-specifically in human pregnancies. <i>Journal of Reproductive Immunology</i> , 2017 , 121, 49-55	4.2	6
16	Identification of suitable reference genes in the mouse placenta. <i>Placenta</i> , 2016 , 39, 7-15	3.4	23
15	Placental Expression Patterns of Galectin-1, Galectin-2, Galectin-3 and Galectin-13 in Cases of Intrauterine Growth Restriction (IUGR). <i>International Journal of Molecular Sciences</i> , 2016 , 17, 523	6.3	20
14	Differential mouse-strain specific expression of Junctional Adhesion Molecule (JAM)-B in placental structures. <i>Cell Adhesion and Migration</i> , 2016 , 10, 2-17	3.2	3
13	Maternal nutrition, inadequate gestational weight gain and birth weight: results from a prospective birth cohort. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 224	3.2	52
12	Babies Galore; or recent findings and future perspectives of pregnancy cohorts with a focus on immunity. <i>Journal of Reproductive Immunology</i> , 2015 , 108, 6-11	4.2	2

11	Prenatal acetaminophen induces liver toxicity in dams, reduces fetal liver stem cells, and increases airway inflammation in adult offspring. <i>Journal of Hepatology</i> , 2015 , 62, 1085-91	13.4	23
10	B cells in pregnancy: functional promiscuity or tailored function?. <i>Biology of Reproduction</i> , 2015 , 92, 12	3.9	8
9	Progesterone and HMOX-1 promote fetal growth by CD8+ T cell modulation. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1726-38	15.9	51
8	The immune privilege of testis and gravid uterus: same difference?. <i>Molecular and Cellular Endocrinology</i> , 2014 , 382, 509-520	4.4	31
7	Comparative sensitivity analyses of quantitative polymerase chain reaction and flow cytometry in detecting cellular microchimerism in murine tissues. <i>Journal of Immunological Methods</i> , 2014 , 406, 74-82 ^{2.5}		8
6	Sex, immunity and influenza. <i>Journal of Infectious Diseases</i> , 2014 , 209 Suppl 3, S93-9	7	66
5	Advancing the detection of maternal haematopoietic microchimeric cells in fetal immune organs in mice by flow cytometry. <i>Chimerism</i> , 2014 , 5, 99-102		6
4	Regulation of pregnancy maintenance and fetal survival in mice by CD27(low) mature NK cells. <i>Journal of Molecular Medicine</i> , 2012 , 90, 1047-57	5.5	15
3	Developmental programming of allergic diseases. <i>Chemical Immunology and Allergy</i> , 2012 , 98, 70-84		8
2	Highway to health; or How prenatal factors determine disease risks in the later life of the offspring. <i>Journal of Reproductive Immunology</i> , 2011 , 90, 3-8	4.2	18
1	Fetal origin of atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 273-5.e1-4	11.5	28