

Bin Cao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,505
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

4883
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus Infection during Pregnancy in Mice Causes Placental Damage and Fetal Demise. <i>Cell</i> , 2016, 165, 1081-1091.	28.9	737
2	Neutralizing human antibodies prevent Zika virus replication and fetal disease in mice. <i>Nature</i> , 2016, 540, 443-447.	27.8	349
3	Vaccine Mediated Protection Against Zika Virus-Induced Congenital Disease. <i>Cell</i> , 2017, 170, 273-283.e12.	28.9	224
4	An Immunocompetent Mouse Model of Zika Virus Infection. <i>Cell Host and Microbe</i> , 2018, 23, 672-685.e6.	11.0	192
5	Inhibition of autophagy limits vertical transmission of Zika virus in pregnant mice. <i>Journal of Experimental Medicine</i> , 2017, 214, 2303-2313.	8.5	170
6	Microbial communities in placentas from term normal pregnancy exhibit spatially variable profiles. <i>Scientific Reports</i> , 2017, 7, 11200.	3.3	137
7	Gestational Stage and IFN- γ Signaling Regulate ZIKV Infection In Utero. <i>Cell Host and Microbe</i> , 2017, 22, 366-376.e3.	11.0	137
8	TAM Receptors Are Not Required for Zika Virus Infection in Mice. <i>Cell Reports</i> , 2017, 19, 558-568.	6.4	125
9	Human antibodies to the dengue virus E-dimer epitope have therapeutic activity against Zika virus infection. <i>Nature Immunology</i> , 2017, 18, 1261-1269.	14.5	95
10	Placental Microbiome and Its Role in Preterm Birth. <i>NeoReviews</i> , 2014, 15, e537-e545.	0.8	65
11	Placental trophoblast syncytialization potentiates macropinocytosis via mTOR signaling to adapt to reduced amino acid supply. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
12	ATG16L1 governs placental infection risk and preterm birth in mice and women. <i>JCI Insight</i> , 2016, 1, e86654.	5.0	47
13	Maternal-Fetal Transmission of Zika Virus: Routes and Signals for Infection. <i>Journal of Interferon and Cytokine Research</i> , 2017, 37, 287-294.	1.2	44
14	Autophagy regulation of physiological and pathological processes in the female reproductive tract. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12650.	1.2	26
15	Viral Infections During Pregnancy: The Big Challenge Threatening Maternal and Fetal Health. <i>Maternal-Fetal Medicine</i> , 2022, 4, 72-86.	0.8	24
16	<i>Gardnerella vaginalis</i> promotes group B <i>Streptococcus</i> vaginal colonization, enabling ascending uteroplacental infection in pregnant mice. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 530.e1-530.e17.	1.3	20
17	<i>SHISA3</i> Promoter Methylation Is a Potential Diagnostic and Prognostic Biomarker for Laryngeal Squamous Cell Carcinoma. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	15
18	Cellular and molecular atlas of the placenta from a COVID-19 pregnant woman infected at midgestation highlights the defective impacts on foetal health. <i>Cell Proliferation</i> , 2022, 55, e13204.	5.3	14

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19	Hyperactivated Wnt- β -catenin signaling in the absence of sFRP1 and sFRP5 disrupts trophoblast differentiation through repression of Ascl2. <i>BMC Biology</i> , 2020, 18, 151.	3.8	12
20	To Zika and destroy: an antimalarial drug protects fetuses from Zika infection. <i>Future Microbiology</i> , 2018, 13, 137-139.	2.0	7
21	Pterostilbene Improves Insulin Resistance Caused by Advanced Glycation End Products (AGEs) in Hepatocytes and Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100321.	3.3	6
22	The mystery of the life tree: the placentas. <i>Biology of Reproduction</i> , 2022, 107, 301-316.	2.7	6
23	Efficacy and safety of continuous antiviral therapy from preconception to prevent perinatal transmission of hepatitis B virus. <i>Scientific Reports</i> , 2020, 10, 13631.	3.3	4