

Weiqiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,857
citations

471509

17
h-index

580821

25
g-index

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docs citations

28
times ranked

4002
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus NS4A and NS4B Proteins Deregulate Akt-mTOR Signaling in Human Fetal Neural Stem Cells to Inhibit Neurogenesis and Induce Autophagy. <i>Cell Stem Cell</i> , 2016, 19, 663-671.	11.1	437
2	Chikungunya virus: an update on the biology and pathogenesis of this emerging pathogen. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e107-e117.	9.1	302
3	Antiviral Efficacies of FDA-Approved Drugs against SARS-CoV-2 Infection in Ferrets. <i>MBio</i> , 2020, 11, .	4.1	165
4	Asian Zika virus strains target CD14+ blood monocytes and induce M2-skewed immunosuppression during pregnancy. <i>Nature Microbiology</i> , 2017, 2, 1558-1570.	13.3	135
5	Arthritogenic alphaviral infection perturbs osteoblast function and triggers pathologic bone loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6040-6045.	7.1	107
6	Bindarit, an Inhibitor of Monocyte Chemotactic Protein Synthesis, Protects against Bone Loss Induced by Chikungunya Virus Infection. <i>Journal of Virology</i> , 2015, 89, 581-593.	3.4	98
7	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017, 2, 1435-1445.	13.3	77
8	Arthritogenic alphaviruses: new insights into arthritis and bone pathology. <i>Trends in Microbiology</i> , 2015, 23, 35-43.	7.7	58
9	Susceptibility and Response of Human Blood Monocyte Subsets to Primary Dengue Virus Infection. <i>PLoS ONE</i> , 2012, 7, e36435.	2.5	53
10	Pentosan Polysulfate: a Novel Glycosaminoglycan-Like Molecule for Effective Treatment of Alphavirus-Induced Cartilage Destruction and Inflammatory Disease. <i>Journal of Virology</i> , 2015, 89, 8063-8076.	3.4	51
11	Association Between Neonatal Neuroimaging and Clinical Outcomes in Zika-Exposed Infants From Rio de Janeiro, Brazil. <i>JAMA Network Open</i> , 2019, 2, e198124.	5.9	49
12	Chikungunya virus and arthritic disease. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 789-790.	9.1	41
13	Dengue virus therapeutic intervention strategies based on viral, vector and host factors involved in disease pathogenesis. , 2013, 137, 266-282.		38
14	Viral Mimicry of Interleukin-17A by SARS-CoV-2 ORF8. <i>MBio</i> , 2022, 13, e0040222.	4.1	38
15	Role of Pentraxin 3 in Shaping Arthritogenic Alphaviral Disease: From Enhanced Viral Replication to Immunomodulation. <i>PLoS Pathogens</i> , 2015, 11, e1004649.	4.7	32
16	Biomarkers and immunoprofiles associated with fetal abnormalities of ZIKV-positive pregnancies. <i>JCI Insight</i> , 2018, 3, .	5.0	29
17	The systemic inflammatory landscape of COVID-19 in pregnancy: Extensive serum proteomic profiling of mother-infant dyads with in utero SARS-CoV-2. <i>Cell Reports Medicine</i> , 2021, 2, 100453.	6.5	28
18	Zika virus vertical transmission in children with confirmed antenatal exposure. <i>Nature Communications</i> , 2020, 11, 3510.	12.8	26

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19	Methotrexate Treatment Causes Early Onset of Disease in a Mouse Model of Ross River Virus-Induced Inflammatory Disease through Increased Monocyte Production. PLoS ONE, 2013, 8, e71146.	2.5	17
20	Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CX ₃ CR1 ⁺ Macrophages in Tissue Repair. MBio, 2020, 11, .	4.1	16
21	Zika virus NS3 protease induces bone morphogenetic protein-dependent brain calcification in human fetuses. Nature Microbiology, 2021, 6, 455-466.	13.3	15
22	Mouse and Cotton Rat Models of Human Respiratory Syncytial Virus. Methods in Molecular Biology, 2016, 1442, 209-217.	0.9	11
23	Efficient Inhibition of Human Papillomavirus Infection by L2 Minor Capsid-Derived Lipopeptide. MBio, 2019, 10, .	4.1	11
24	The genetics of alphaviruses. Future Virology, 2011, 6, 1407-1422.	1.8	10
25	Osteoblasts from osteoarthritis patients show enhanced susceptibility to Ross River virus infection associated with delayed type I interferon responses. Virology Journal, 2014, 11, 189.	3.4	8
26	Unexpected Alliance of WHIP-TRIM14-PPP6C to Combat Viruses. Molecular Cell, 2017, 68, 259-261.	9.7	2
27	Alphavirus Genome Structure and Replication. , 2016, , 1-20.		0