

Esther Shuyi Gan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

883
citations

516215

16
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1713
citing authors

#	ARTICLE	IF	CITATIONS
1	Dengue virus activates cGAS through the release of mitochondrial DNA. <i>Scientific Reports</i> , 2017, 7, 3594.	1.6	156
2	A single dose of self-transcribing and replicating RNA-based SARS-CoV-2 vaccine produces protective adaptive immunity in mice. <i>Molecular Therapy</i> , 2021, 29, 1970-1983.	3.7	111
3	Impact of immune enhancement on Covid-19 polyclonal hyperimmune globulin therapy and vaccine development. <i>EBioMedicine</i> , 2020, 55, 102768.	2.7	105
4	Cross-reactive antibodies enhance live attenuated virus infection for increased immunogenicity. <i>Nature Microbiology</i> , 2016, 1, 16164.	5.9	75
5	Molecular determinants of plaque size as an indicator of dengue virus attenuation. <i>Scientific Reports</i> , 2016, 6, 26100.	1.6	47
6	Dengue virus induces PCSK9 expression to alter antiviral responses and disease outcomes. <i>Journal of Clinical Investigation</i> , 2020, 130, 5223-5234.	3.9	41
7	A systematic approach to the development of a safe live attenuated Zika vaccine. <i>Nature Communications</i> , 2018, 9, 1031.	5.8	35
8	Metabolic perturbations and cellular stress underpin susceptibility to symptomatic live-attenuated yellow fever infection. <i>Nature Medicine</i> , 2019, 25, 1218-1224.	15.2	33
9	Rational Engineering and Characterization of an mAb that Neutralizes Zika Virus by Targeting a Mutationally Constrained Quaternary Epitope. <i>Cell Host and Microbe</i> , 2018, 23, 618-627.e6.	5.1	28
10	The mechanistic role of antibodies to dengue virus in protection and disease pathogenesis. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 111-119.	2.0	24
11	Positive epistasis between viral polymerase and the 3' untranslated region of its genome reveals the epidemiologic fitness of dengue virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11038-11047.	3.3	22
12	Adverse effects following anti-COVID-19 vaccination with mRNA-based BNT162b2 are alleviated by altering the route of administration and correlate with baseline enrichment of T and NK cell genes. <i>PLoS Biology</i> , 2022, 20, e3001643.	2.6	22
13	Dengue virus compartmentalization during antibody-enhanced infection. <i>Scientific Reports</i> , 2017, 7, 40923.	1.6	21
14	Identification and in vivo Efficacy Assessment of Approved Orally Bioavailable Human Host Protein-Targeting Drugs With Broad Anti-influenza A Activity. <i>Frontiers in Immunology</i> , 2019, 10, 1097.	2.2	21
15	Dysregulated metabolism underpins Zika-virus-infection-associated impairment in fetal development. <i>Cell Reports</i> , 2021, 37, 110118.	2.9	21
16	Antibody-Dependent Dengue Virus Entry Modulates Cell Intrinsic Responses for Enhanced Infection. <i>MSphere</i> , 2019, 4, .	1.3	20
17	Hypoxia enhances antibody-dependent dengue virus infection. <i>EMBO Journal</i> , 2017, 36, 1348-1363.	3.5	16
18	Hypoxia and viral infectious diseases. <i>JCI Insight</i> , 2021, 6, .	2.3	15

#	ARTICLE	IF	CITATIONS
19	A mouse model of lethal respiratory dysfunction for SARS-CoV-2 infection. Antiviral Research, 2021, 193, 105138.	1.9	14
20	Oxygen: viral friend or foe?. Virology Journal, 2020, 17, 115.	1.4	13
21	Live vaccine infection burden elicits adaptive humoral and cellular immunity required to prevent Zika virus infection. EBioMedicine, 2020, 61, 103028.	2.7	10
22	Aviremic organ transplant dengue virus transmission – A case report. American Journal of Transplantation, 2021, 21, 1944-1947.	2.6	6
23	Genomic signature of early T-cell response is associated with lower antibody titer threshold for sterilizing immunity. Antiviral Research, 2019, 166, 35-41.	1.9	4