

# Esther Shuyi Gan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

883  
citations

516710  
16  
h-index

642732  
23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. PLoS Biology, 2022, 20, e3001643.	5.6	22
2	Aviremic organ transplant dengue virus transmission – A case report. American Journal of Transplantation, 2021, 21, 1944-1947.	4.7	6
3	Hypoxia and viral infectious diseases. JCI Insight, 2021, 6, .	5.0	15
4	A single dose of self-transcribing and replicating RNA-based SARS-CoV-2 vaccine produces protective adaptive immunity in mice. Molecular Therapy, 2021, 29, 1970-1983.	8.2	111
5	A mouse model of lethal respiratory dysfunction for SARS-CoV-2 infection. Antiviral Research, 2021, 193, 105138.	4.1	14
6	Dysregulated metabolism underpins Zika-virus-infection-associated impairment in fetal development. Cell Reports, 2021, 37, 110118.	6.4	21
7	Live vaccine infection burden elicits adaptive humoral and cellular immunity required to prevent Zika virus infection. EBioMedicine, 2020, 61, 103028.	6.1	10
8	Oxygen: viral friend or foe?. Virology Journal, 2020, 17, 115.	3.4	13
9	Positive epistasis between viral polymerase and the 3’ untranslated region of its genome reveals the epidemiologic fitness of dengue virus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11038-11047.	7.1	22
10	Impact of immune enhancement on Covid-19 polyclonal hyperimmune globulin therapy and vaccine development. EBioMedicine, 2020, 55, 102768.	6.1	105
11	Dengue virus induces PCSK9 expression to alter antiviral responses and disease outcomes. Journal of Clinical Investigation, 2020, 130, 5223-5234.	8.2	41
12	Metabolic perturbations and cellular stress underpin susceptibility to symptomatic live-attenuated yellow fever infection. Nature Medicine, 2019, 25, 1218-1224.	30.7	33
13	Identification and in vivo Efficacy Assessment of Approved Orally Bioavailable Human Host Protein-Targeting Drugs With Broad Anti-influenza A Activity. Frontiers in Immunology, 2019, 10, 1097.	4.8	21
14	Genomic signature of early T-cell response is associated with lower antibody titer threshold for sterilizing immunity. Antiviral Research, 2019, 166, 35-41.	4.1	4
15	Antibody-Dependent Dengue Virus Entry Modulates Cell Intrinsic Responses for Enhanced Infection. MSphere, 2019, 4, .	2.9	20
16	A systematic approach to the development of a safe live attenuated Zika vaccine. Nature Communications, 2018, 9, 1031.	12.8	35
17	Rational Engineering and Characterization of an mAb that Neutralizes Zika Virus by Targeting a Mutationally Constrained Quaternary Epitope. Cell Host and Microbe, 2018, 23, 618-627.e6.	11.0	28
18	Dengue virus compartmentalization during antibody-enhanced infection. Scientific Reports, 2017, 7, 40923.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Dengue virus activates cGAS through the release of mitochondrial DNA. Scientific Reports, 2017, 7, 3594.	3.3	156
20	Hypoxia enhances antibodyâ€dependent dengue virus infection. EMBO Journal, 2017, 36, 1348-1363.	7.8	16
21	The mechanistic role of antibodies to dengue virus in protection and disease pathogenesis. Expert Review of Anti-Infective Therapy, 2017, 15, 111-119.	4.4	24
22	Molecular determinants of plaque size as an indicator of dengue virus attenuation. Scientific Reports, 2016, 6, 26100.	3.3	47
23	Cross-reactive antibodies enhance live attenuated virus infection for increased immunogenicity. Nature Microbiology, 2016, 1, 16164.	13.3	75