

Natasha M Kafai

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,769
citations

566801

15
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

7955
citing authors

#	ARTICLE	IF	CITATIONS
1	Potently neutralizing and protective human antibodies against SARS-CoV-2. <i>Nature</i> , 2020, 584, 443-449.	13.7	956
2	SARS-CoV-2 infection of human ACE2-transgenic mice causes severe lung inflammation and impaired function. <i>Nature Immunology</i> , 2020, 21, 1327-1335.	7.0	743
3	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. <i>Cell</i> , 2020, 182, 744-753.e4.	13.5	486
4	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. <i>Cell</i> , 2020, 183, 169-184.e13.	13.5	446
5	The antigenic anatomy of SARS-CoV-2 receptor binding domain. <i>Cell</i> , 2021, 184, 2183-2200.e22.	13.5	331
6	A Potently Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Journal of Immunology</i> , 2020, 205, 915-922.	0.4	186
7	Replication-Competent Vesicular Stomatitis Virus Vaccine Vector Protects against SARS-CoV-2-Mediated Pathogenesis in Mice. <i>Cell Host and Microbe</i> , 2020, 28, 465-474.e4.	5.1	156
8	LDLRAD3 is a receptor for Venezuelan equine encephalitis virus. <i>Nature</i> , 2020, 588, 308-314.	13.7	78
9	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. <i>Science Translational Medicine</i> , 2022, 14, eabn1252.	5.8	68
10	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	55
11	Pan-protective anti-alphavirus human antibodies target a conserved E1 protein epitope. <i>Cell</i> , 2021, 184, 4414-4429.e19.	13.5	41
12	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. <i>Cell Host and Microbe</i> , 2021, 29, 1151-1161.e5.	5.1	36
13	Structure of Venezuelan equine encephalitis virus in complex with the LDLRAD3 receptor. <i>Nature</i> , 2021, 598, 672-676.	13.7	27
14	Broadly neutralizing monoclonal antibodies protect against multiple tick-borne flaviviruses. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	22
15	Suppression of Drug Resistance Reveals a Genetic Mechanism of Metabolic Plasticity in Malaria Parasites. <i>MBio</i> , 2018, 9, .	1.8	15
16	Malaria in Children. <i>Infectious Disease Clinics of North America</i> , 2018, 32, 189-200.	1.9	14
17	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. <i>Science Translational Medicine</i> , 2021, , eabm3302.	5.8	13
18	Distinct Cellular Tropism and Immune Responses to Alphavirus Infection. <i>Annual Review of Immunology</i> , 2022, 40, 615-649.	9.5	8

#	ARTICLE	IF	CITATIONS
19	Neutralizing antibodies protect mice against Venezuelan equine encephalitis virus aerosol challenge. Journal of Experimental Medicine, 2022, 219, .	4.2	7