Natasha M Kafai

List of Publications by Citations

23 papers	2,074 citations	11 h-index	25 g-index
25 ext. papers	3,110 ext. citations	29.5 avg, IF	4.74 L-index

#	Paper	IF	Citations
23	Potently neutralizing and protective human antibodies against SARS-CoV-2. *Nature*, **2020**, 584, 443-449	50.4	609
22	SARS-CoV-2 infection of human ACE2-transgenic mice causes severe lung inflammation and impaired function. *Nature Immunology*, **2020**, 21, 1327-1335	19.1	389
21	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. *Cell*, **2020**, 182, 744-753.e4	56.2	337
20	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. *Cell*, **2020**, 183, 169-184.e13	56.2	221
19	The antigenic anatomy of SARS-CoV-2 receptor binding domain. *Cell*, **2021**, 184, 2183-2200.e22	56.2	145
18	A Potently Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. *Journal of Immunology*, **2020**, 205, 915-922	5.3	126
17	Replication-Competent Vesicular Stomatitis Virus Vaccine Vector Protects against SARS-CoV-2-Mediated Pathogenesis in Mice. *Cell Host and Microbe*, **2020**, 28, 465-474.e4	23.4	106
16	LDLRAD3 is a receptor for Venezuelan equine encephalitis virus. *Nature*, **2020**, 588, 308-314	50.4	22
15	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. *Cell Host and Microbe*, **2021**, 29, 1151-1161.e5	23.4	11
14	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains **2021**,		11
13	Suppression of Drug Resistance Reveals a Genetic Mechanism of Metabolic Plasticity in Malaria Parasites. *MBio*, **2018**, 9,	7.8	10
12	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. *Science Translational Medicine*, **2021**, eabm3302	17.5	10
11	Replication-competent vesicular stomatitis virus vaccine vector protects against SARS-CoV-2-mediated pathogenesis **2020**,		9
10	Broadly neutralizing monoclonal antibodies protect against multiple tick-borne flaviviruses. *Journal of Experimental Medicine*, **2021**, 218,	16.6	9
9	Malaria in Children. *Infectious Disease Clinics of North America*, **2018**, 32, 189-200	6.5	8
8	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. *Science Translational Medicine*, **2022**, 14,	17.5	8
7	Pan-protective anti-alphavirus human antibodies target a conserved E1 protein epitope. *Cell*, **2021**, 184, 4414-4429.e19	56.2	7

List of Publications

6	A single intranasal dose of chimpanzee adenovirus-vectored vaccine confers sterilizing immunity against SARS-CoV-2 infection		5
5	Multivalent designed proteins protect against SARS-CoV-2 variants of concern **2021**,		4
4	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice.. *Science Translational Medicine*, **2022**, 14, eabn1252	17.5	3
3	Distinct Cellular Tropism and Immune Responses to Alphavirus Infection.. *Annual Review of Immunology*, **2022**,	34.7	1
2	Structure of Venezuelan equine encephalitis virus in complex with the LDLRAD3 receptor. *Nature*, **2021**, 598, 672-676	50.4	1
1	Ultrapotent miniproteins targeting the receptor-binding domain protect against SARS-CoV-2 infection and disease in mice **2021**,		1