Sandhya Bangaru

List of Publications by Citations

27 papers	1,534 citations	14 h-index	28 g-index
28 ext. papers	2,151 ext. citations	18.7 avg, IF	4.55 L-index

#	Paper	IF	Citations
27	Potent neutralizing antibodies from COVID-19 patients define multiple targets of vulnerability. *Science*, **2020**, 369, 643-650	33.3	724
26	Structural analysis of full-length SARS-CoV-2 spike protein from an advanced vaccine candidate. *Science*, **2020**, 370, 1089-1094	33.3	153
25	Cross-Neutralization of a SARS-CoV-2 Antibody to a Functionally Conserved Site Is Mediated by Avidity. *Immunity*, **2020**, 53, 1272-1280.e5	32.3	112
24	A Site of Vulnerability on the Influenza Virus Hemagglutinin Head Domain Trimer Interface. *Cell*, **2019**, 177, 1136-1152.e18	56.2	107
23	An Alternative Binding Mode of IGHV3-53 Antibodies to the SARS-CoV-2 Receptor Binding Domain. *Cell Reports*, **2020**, 33, 108274	10.6	107
22	H7N9 influenza virus neutralizing antibodies that possess few somatic mutations. *Journal of Clinical Investigation*, **2016**, 126, 1482-94	15.9	46
21	A multifunctional human monoclonal neutralizing antibody that targets a unique conserved epitope on influenza HA. *Nature Communications*, **2018**, 9, 2669	17.4	44
20	A natural mutation between SARS-CoV-2 and SARS-CoV determines neutralization by a cross-reactive antibody. *PLoS Pathogens*, **2020**, 16, e1009089	7.6	33
19	Influenza H7N9 Virus Neuraminidase-Specific Human Monoclonal Antibodies Inhibit Viral Egress and Protect from Lethal Influenza Infection in Mice. *Cell Host and Microbe*, **2019**, 26, 715-728.e8	23.4	30
18	Structural Basis of Protection against H7N9 Influenza Virus by Human Anti-N9 Neuraminidase Antibodies. *Cell Host and Microbe*, **2019**, 26, 729-738.e4	23.4	29
17	Potent anti-influenza H7 human monoclonal antibody induces separation of hemagglutinin receptor-binding head domains. *PLoS Biology*, **2019**, 17, e3000139	9.7	26
16	A combination of cross-neutralizing antibodies synergizes to prevent SARS-CoV-2 and SARS-CoV pseudovirus infection. *Cell Host and Microbe*, **2021**, 29, 806-818.e6	23.4	24
15	Bispecific antibodies targeting distinct regions of the spike protein potently neutralize SARS-CoV-2 variants of concern. *Science Translational Medicine*, **2021**, 13, eabj5413	17.5	18
14	Recognition of influenza H3N2 variant virus by human neutralizing antibodies. *JCI Insight*, **2016**, 1,	9.9	17
13	Cross-neutralization of a SARS-CoV-2 antibody to a functionally conserved site is mediated by avidity **2020**,		13
12	Structure and immune recognition of the porcine epidemic diarrhea virus spike protein. *Structure*, **2021**, 29, 385-392.e5	5.2	13
11	An alternative binding mode of IGHV3-53 antibodies to the SARS-CoV-2 receptor binding domain **2020**,		8

List of Publications

10	Structural analysis of full-length SARS-CoV-2 spike protein from an advanced vaccine candidate **2020**,		8
9	Ultrapotent bispecific antibodies neutralize emerging SARS-CoV-2 variants **2021**,		6
8	Canonical features of human antibodies recognizing the influenza hemagglutinin trimer interface. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4
7	A combination of cross-neutralizing antibodies synergizes to prevent SARS-CoV-2 and SARS-CoV pseudovirus infection **2021**,		3
6	Structure and immune recognition of the porcine epidemic diarrhea virus spike protein		2
5	A natural mutation between SARS-CoV-2 and SARS-CoV determines neutralization by a cross-reactive antibody **2020**,		2
4	Murine Monoclonal Antibodies against the Receptor Binding Domain of SARS-CoV-2 Neutralize Authentic Wild-Type SARS-CoV-2 as Well as B.1.1.7 and B.1.351 Viruses and Protect in a Mouse Model in a Neutralization-Dependent Manner. *MBio*, **2021**, 12, e0100221	7.8	2
3	Human antibody recognition of H7N9 influenza virus HA following natural infection. *JCI Insight*, **2021**, 6,	9.9	1
2	Structural mapping of antibody landscapes to human betacoronavirus spike proteins		1
1	Structural mapping of antibody landscapes to human betacoronavirus spike proteins.. *Science Advances*, **2022**, 8, eabn2911	14.3	1