Laura A Vanblargan

List of Publications by Year
in descending order

29	5,330	430754 18	501076 28
papers	citations	h-index	g-index

43	43	43	8555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Standardized two-step testing of antibody activity in COVID-19 convalescent plasma. IScience, 2022, 25, 103602.	1.9	6
2	An infectious SARS-CoV-2 B.1.1.529 Omicron virus escapes neutralization by therapeutic monoclonal antibodies. Nature Medicine, 2022, 28, 490-495.	15.2	577
3	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. Science Translational Medicine, 2022, 14, .	5.8	55
4	A combination of two human neutralizing antibodies prevents SARS-CoV-2 infection in cynomolgus macaques. Med, 2022, 3, 188-203.e4.	2.2	11
5	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. Nature, 2022, 602, 664-670.	13.7	917
6	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	13.7	117
7	mRNA-1273 and Ad26.COV2.S vaccines protect against the B.1.621 variant of SARS-CoV-2. Med, 2022, 3, 309-324.e6.	2.2	6
8	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. Science Translational Medicine, 2022, 14, eabn1252.	5.8	68
9	An antibody targeting the N-terminal domain of SARS-CoV-2 disrupts the spike trimer. Journal of Clinical Investigation, 2022, 132, .	3.9	14
10	Thermodynamically coupled biosensors for detecting neutralizing antibodies against SARS-CoV-2 variants. Nature Biotechnology, 2022, 40, 1336-1340.	9.4	23
11	A Powassan virus domain III nanoparticle immunogen elicits neutralizing and protective antibodies in mice. PLoS Pathogens, 2022, 18, e1010573.	2.1	6
12	mRNA vaccine boosting enhances antibody responses against SARS-CoV-2 Omicron variant in individuals with antibody deficiency syndromes. Cell Reports Medicine, 2022, 3, 100653.	3.3	10
13	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. Nature Medicine, 2021, 27, 717-726.	15.2	838
14	Identification of SARS-CoV-2 spike mutations that attenuate monoclonal and serum antibody neutralization. Cell Host and Microbe, 2021, 29, 477-488.e4.	5.1	700
15	Broadly neutralizing monoclonal antibodies protect against multiple tick-borne flaviviruses. Journal of Experimental Medicine, 2021, 218, .	4.2	22
16	Neutralizing and protective human monoclonal antibodies recognizing the N-terminal domain of the SARS-CoV-2 spike protein. Cell, 2021, 184, 2316-2331.e15.	13.5	321
17	In vivo monoclonal antibody efficacy against SARS-CoV-2 variant strains. Nature, 2021, 596, 103-108.	13.7	222
18	Systematic analysis of SARS-CoV-2 infection of an ACE2-negative human airway cell. Cell Reports, 2021, 36, 109364.	2.9	109

#	Article	IF	Citations
19	A potently neutralizing SARS-CoV-2 antibody inhibits variants of concern by utilizing unique binding residues in a highly conserved epitope. Immunity, 2021, 54, 2399-2416.e6.	6.6	79
20	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. Immunity, 2021, 54, 2159-2166.e6.	6.6	52
21	Implications of a highly divergent dengue virus strain for cross-neutralization, protection, and vaccine immunity. Cell Host and Microbe, 2021, 29, 1634-1648.e5.	5.1	5
22	Reduced antibody activity against SARS-CoV-2 B.1.617.2 delta virus in serum of mRNA-vaccinated individuals receiving tumor necrosis factor-Î± inhibitors. Med, 2021, 2, 1327-1341.e4.	2.2	31
23	Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. Science Translational Medicine, 2021, , eabm3302.	5.8	13
24	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. Cell, 2020, 183, 169-184.e13.	13.5	446
25	Human IFIT3 Modulates IFIT1 RNA Binding Specificity and Protein Stability. Immunity, 2018, 48, 487-499.e5.	6.6	94
26	An mRNA Vaccine Protects Mice against Multiple Tick-Transmitted Flavivirus Infections. Cell Reports, 2018, 25, 3382-3392.e3.	2.9	79
27	A single mutation in the envelope protein modulates flavivirus antigenicity, stability, and pathogenesis. PLoS Pathogens, 2017, 13, e1006178.	2.1	69
28	Deconstructing the Antiviral Neutralizing-Antibody Response: Implications for Vaccine Development and Immunity. Microbiology and Molecular Biology Reviews, 2016, 80, 989-1010.	2.9	93
29	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. Nature, 0, , .	13.7	101