Nathan A Beutler

List of Publications by Citations

30 papers	2,123 citations	15 h-index	32 g-index
32 ext. papers	3,098 ext. citations	17.5 avg, IF	4.49 L-index

#	Paper	IF	Citations
30	Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model. *Science*, **2020**, 369, 956-963	33.3	906
29	Multiplex PCR method for MinION and Illumina sequencing of Zika and other virus genomes directly from clinical samples. *Nature Protocols*, **2017**, 12, 1261-1276	18.8	529
28	Cross-reactive serum and memory B-cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection. *Nature Communications*, **2021**, 12, 2938	17.4	110
27	Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. *Science Translational Medicine*, **2017**, 9,	17.5	69
26	Zika virus activates de novo and cross-reactive memory B cell responses in dengue-experienced donors. *Science Immunology*, **2017**, 2,	28	68
25	Preclinical characterization of an intravenous coronavirus 3CL protease inhibitor for the potential treatment of COVID19. *Nature Communications*, **2021**, 12, 6055	17.4	56
24	Discovery of a Novel Inhibitor of Coronavirus 3CL Protease for the Potential Treatment of COVID-19 **2021**,		53
23	Fetal demise and failed antibody therapy during Zika virus infection of pregnant macaques. *Nature Communications*, **2018**, 9, 1624	17.4	50
22	Cross-reactive serum and memory B cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection **2020**,		40
21	Rapid isolation of potent SARS-CoV-2 neutralizing antibodies and protection in a small animal model **2020**,		35
20	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. *Cell Reports*, **2021**, 35, 108940	10.6	28
19	A protective broadly cross-reactive human antibody defines a conserved site of vulnerability on beta-coronavirus spikes **2021**,		26
18	Drug repurposing screens identify chemical entities for the development of COVID-19 interventions. *Nature Communications*, **2021**, 12, 3309	17.4	25
17	Adult stem cell-derived complete lung organoid models emulate lung disease in COVID-19. *ELife*, **2021**, 10,	8.9	18
16	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
15	A human antibody reveals a conserved site on beta-coronavirus spike proteins and confers protection against SARS-CoV-2 infection.. *Science Translational Medicine*, **2022**, 14, eabi9215	17.5	15
14	Adult Stem Cell-derived Complete Lung Organoid Models Emulate Lung Disease in COVID-19 **2021**,		15

List of Publications

13	AI-guided discovery of the invariant host response to viral pandemics. *EBioMedicine*, **2021**, 68, 103390	8.8	13
12	Oral drug repositioning candidates and synergistic remdesivir combinations for the prophylaxis and treatment of COVID-19		10
11	Machine Learning Models Identify Inhibitors of SARS-CoV-2		6
10	AI-guided discovery of the invariant host response to viral pandemics **2021**,		6
9	Ultrapotent bispecific antibodies neutralize emerging SARS-CoV-2 variants **2021**,		6
8	Broadly neutralizing antibodies to SARS-related viruses can be readily induced in rhesus macaques		4
7	Identification of a therapeutic interfering particle-A single-dose SARS-CoV-2 antiviral intervention with a high barrier to resistance. *Cell*, **2021**, 184, 6022-6036.e18	56.2	3
6	Structural Basis of Zika Virus Specific Neutralization in Subsequent Flavivirus Infections. *Viruses*, **2020**, 12,	6.2	3
5	Targeted isolation of panels of diverse human protective broadly neutralizing antibodies against SARS-like viruses. **2022**,		3
4	Broadly neutralizing anti-S2 antibodies protect against all three human betacoronaviruses that cause severe disease. **2022**,		2
3	Salicylanilides Reduce SARS-CoV-2 Replication and Suppress Induction of Inflammatory Cytokines in a Rodent Model. *ACS Infectious Diseases*, **2021**, 7, 2229-2237	5.5	1
2	Targeted protein S-nitrosylation of ACE2 as potential treatment to prevent spread of SARS-CoV-2 infection. **2022**,		1
1	A novel CSP C-terminal epitope targeted by an antibody with protective activity against Plasmodium falciparum.. *PLoS Pathogens*, **2022**, 18, e1010409	7.6	0