

Nathan A Beutler

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

3,731
citations

567281

15
h-index

839539

18
g-index

32
all docs

32
docs citations

32
times ranked

8988
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model. <i>Science</i> , 2020, 369, 956-963.	12.6	1,287
2	Multiplex PCR method for MinION and Illumina sequencing of Zika and other virus genomes directly from clinical samples. <i>Nature Protocols</i> , 2017, 12, 1261-1276.	12.0	898
3	Cross-reactive serum and memory B-cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection. <i>Nature Communications</i> , 2021, 12, 2938.	12.8	219
4	Preclinical characterization of an intravenous coronavirus 3CL protease inhibitor for the potential treatment of COVID-19. <i>Nature Communications</i> , 2021, 12, 6055.	12.8	215
5	A human antibody reveals a conserved site on beta-coronavirus spike proteins and confers protection against SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2022, 14, eabi9215.	12.4	123
6	Zika virus activates de novo and cross-reactive memory B cell responses in dengue-experienced donors. <i>Science Immunology</i> , 2017, 2, .	11.9	98
7	Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	89
8	Drug repurposing screens identify chemical entities for the development of COVID-19 interventions. <i>Nature Communications</i> , 2021, 12, 3309.	12.8	81
9	Bispecific antibodies targeting distinct regions of the spike protein potentially neutralize SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021, 13, eabj5413.	12.4	79
10	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. <i>Cell Reports</i> , 2021, 35, 108940.	6.4	76
11	Fetal demise and failed antibody therapy during Zika virus infection of pregnant macaques. <i>Nature Communications</i> , 2018, 9, 1624.	12.8	68
12	Adult stem cell-derived complete lung organoid models emulate lung disease in COVID-19. <i>ELife</i> , 2021, 10, .	6.0	64
13	Targeted isolation of diverse human protective broadly neutralizing antibodies against SARS-like viruses. <i>Nature Immunology</i> , 2022, 23, 960-970.	14.5	39
14	AI-guided discovery of the invariant host response to viral pandemics. <i>EBioMedicine</i> , 2021, 68, 103390.	6.1	37
15	Identification of a therapeutic interfering particle—A single-dose SARS-CoV-2 antiviral intervention with a high barrier to resistance. <i>Cell</i> , 2021, 184, 6022-6036.e18.	28.9	36
16	A novel CSP C-terminal epitope targeted by an antibody with protective activity against <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2022, 18, e1010409.	4.7	14
17	Salicylanilides Reduce SARS-CoV-2 Replication and Suppress Induction of Inflammatory Cytokines in a Rodent Model. <i>ACS Infectious Diseases</i> , 2021, 7, 2229-2237.	3.8	12
18	Structural Basis of Zika Virus Specific Neutralization in Subsequent Flavivirus Infections. <i>Viruses</i> , 2020, 12, 1346.	3.3	7