

Katharine Dusenbury

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

6,756
citations

567144

15
h-index

887953

17
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34
docs citations

34
times ranked

11502
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Mutational Scanning of SARS-CoV-2 Receptor Binding Domain Reveals Constraints on Folding and ACE2 Binding. <i>Cell</i> , 2020, 182, 1295-1310.e20.	13.5	1,726
2	Comprehensive mapping of mutations in the SARS-CoV-2 receptor-binding domain that affect recognition by polyclonal human plasma antibodies. <i>Cell Host and Microbe</i> , 2021, 29, 463-476.e6.	5.1	1,054
3	Complete Mapping of Mutations to the SARS-CoV-2 Spike Receptor-Binding Domain that Escape Antibody Recognition. <i>Cell Host and Microbe</i> , 2021, 29, 44-57.e9.	5.1	937
4	Protocol and Reagents for Pseudotyping Lentiviral Particles with SARS-CoV-2 Spike Protein for Neutralization Assays. <i>Viruses</i> , 2020, 12, 513.	1.5	641
5	Neutralizing Antibodies Correlate with Protection from SARS-CoV-2 in Humans during a Fishery Vessel Outbreak with a High Attack Rate. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	494
6	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. <i>Nature</i> , 2021, 595, 707-712.	13.7	363
7	Dynamics of Neutralizing Antibody Titers in the Months After Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Journal of Infectious Diseases</i> , 2021, 223, 197-205.	1.9	216
8	Antibodies elicited by mRNA-1273 vaccination bind more broadly to the receptor binding domain than do those from SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	198
9	A human coronavirus evolves antigenically to escape antibody immunity. <i>PLoS Pathogens</i> , 2021, 17, e1009453.	2.1	183
10	Serological identification of SARS-CoV-2 infections among children visiting a hospital during the initial Seattle outbreak. <i>Nature Communications</i> , 2020, 11, 4378.	5.8	63
11	Epitope profiling reveals binding signatures of SARS-CoV-2 immune response in natural infection and cross-reactivity with endemic human CoVs. <i>Cell Reports</i> , 2021, 35, 109164.	2.9	44
12	Identification of HIV gp41-specific antibodies that mediate killing of infected cells. <i>PLoS Pathogens</i> , 2019, 15, e1007572.	2.1	35
13	Stabilization of the SARS-CoV-2 Spike Receptor-Binding Domain Using Deep Mutational Scanning and Structure-Based Design. <i>Frontiers in Immunology</i> , 2021, 12, 710263.	2.2	32
14	alignparse: A Python package for parsing complex features from high-throughput long-read sequencing. <i>Journal of Open Source Software</i> , 2019, 4, 1915.	2.0	25
15	Functional analysis of clinical response to low-dose IL-2 in patients with refractory chronic graft-versus-host disease. <i>Blood Advances</i> , 2019, 3, 984-994.	2.5	24
16	Attenuated Influenza Virions Expressing the SARS-CoV-2 Receptor-Binding Domain Induce Neutralizing Antibodies in Mice. <i>Viruses</i> , 2020, 12, 987.	1.5	20
17	Phage-DMS: A Comprehensive Method for Fine Mapping of Antibody Epitopes. <i>IScience</i> , 2020, 23, 101622.	1.9	15
18	Long-Term Homeostatic Effects of Daily Low-Dose IL-2 on CD4+ FoxP3+ Regulatory T Cells in Patients with Active Chronic Graft-Versus-Host Disease. <i>Blood</i> , 2015, 126, 3133-3133.	0.6	0