

Katharine Dusenbury

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

3,733
citations

18
h-index

34
g-index

34
ext. papers

5,682
ext. citations

14.6
avg, IF

6.36
L-index

#	Paper	IF	Citations
31	Dynamics of infection-elicited SARS-CoV-2 antibodies in children over time. 2022,		1
30	Emergence and spread of a SARS-CoV-2 variant through Europe in the summer of 2020 2021,		142
29	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	23.4	569
28	A human coronavirus evolves antigenically to escape antibody immunity. <i>PLoS Pathogens</i> , 2021 , 17, e1009453	9.53	93
27	The SARS-CoV-2 mRNA-1273 vaccine elicits more RBD-focused neutralization, but with broader antibody binding within the RBD 2021,		11
26	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	10.6	10
25	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,	17.5	74
24	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	8.4	7
23	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. <i>Nature</i> , 2021 , 595, 707-712	50.4	168
22	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	7	119
21	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	23.4	525
20	Protocol and Reagents for Pseudotyping Lentiviral Particles with SARS-CoV-2 Spike Protein for Neutralization Assays. <i>Viruses</i> , 2020 , 12,	6.2	360
19	Serological identification of SARS-CoV-2 infections among children visiting a hospital during the initial Seattle outbreak 2020,		9
18	Deep mutational scanning of SARS-CoV-2 receptor binding domain reveals constraints on folding and ACE2 binding 2020,		33
17	Attenuated influenza virions expressing the SARS-CoV-2 receptor-binding domain induce neutralizing antibodies in mice 2020,		2
16	Neutralizing antibodies correlate with protection from SARS-CoV-2 in humans during a fishery vessel outbreak with high attack rate 2020,		26
15	Complete mapping of mutations to the SARS-CoV-2 spike receptor-binding domain that escape antibody recognition 2020,		32

14	Phage-DMS: A Comprehensive Method for Fine Mapping of Antibody Epitopes. <i>iScience</i> , 2020 , 23, 101628.1	6
13	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	56.2 935
12	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,	9.7 320
11	Serological identification of SARS-CoV-2 infections among children visiting a hospital during the initial Seattle outbreak. <i>Nature Communications</i> , 2020 , 11, 4378	17.4 45
10	Attenuated Influenza Virions Expressing the SARS-CoV-2 Receptor-Binding Domain Induce Neutralizing Antibodies in Mice. <i>Viruses</i> , 2020 , 12,	6.2 9
9	alignparse: A Python package for parsing complex features from high-throughput long-read sequencing. <i>Journal of Open Source Software</i> , 2019 , 4,	5.2 6
8	Identification of HIV gp41-specific antibodies that mediate killing of infected cells. <i>PLoS Pathogens</i> , 2019 , 15, e1007572	7.6 21
7	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	7.8 12
6	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	2.2
5	Protocol and reagents for pseudotyping lentiviral particles with SARS-CoV-2 Spike protein for neutralization assays	45
4	Dynamics of neutralizing antibody titers in the months after SARS-CoV-2 infection	38
3	A human coronavirus evolves antigenically to escape antibody immunity	17
2	alignparse: A Python package for parsing complex features from high-throughput long-read sequencing	1
1	Comprehensive mapping of mutations to the SARS-CoV-2 receptor-binding domain that affect recognition by polyclonal human serum antibodies	97