

Paul W Rothlauf

List of Publications by Citations

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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.

27
papers

2,921
citations

13
h-index

29
g-index

29
ext. papers

4,303
ext. citations

18.8
avg, IF

5.65
L-index

#	Paper	IF	Citations
27	TMPRSS2 and TMPRSS4 promote SARS-CoV-2 infection of human small intestinal enterocytes. <i>Science Immunology</i> , 2020 , 5,	28	531
26	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
25	Identification of SARS-CoV-2 spike mutations that attenuate monoclonal and serum antibody neutralization. <i>Cell Host and Microbe</i> , 2021 , 29, 477-488.e4	23.4	423
24	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. <i>Cell</i> , 2021 , 184, 2332-2347.e16	23.4	316
23	Rapid isolation and profiling of a diverse panel of human monoclonal antibodies targeting the SARS-CoV-2 spike protein. <i>Nature Medicine</i> , 2020 , 26, 1422-1427	50.5	283
22	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020 , 28, 475-485.e5	23.4	252
21	Replication-Competent Vesicular Stomatitis Virus Vaccine Vector Protects against SARS-CoV-2-Mediated Pathogenesis in Mice. <i>Cell Host and Microbe</i> , 2020 , 28, 465-474.e4	23.4	106
20	Cholesterol 25-hydroxylase suppresses SARS-CoV-2 replication by blocking membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 32105-32113	11.5	96
19	Inhibition of PIKfyve kinase prevents infection by Zaire ebolavirus and SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20803-20813	11.5	87
18	Landscape analysis of escape variants identifies SARS-CoV-2 spike mutations that attenuate monoclonal and serum antibody neutralization 2021 ,		44
17	Systematic analysis of SARS-CoV-2 infection of an ACE2-negative human airway cell. <i>Cell Reports</i> , 2021 , 36, 109364	10.6	42
16	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2 2021 ,		34
15	Complete mapping of mutations to the SARS-CoV-2 spike receptor-binding domain that escape antibody recognition 2020 ,		32
14	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. <i>SSRN Electronic Journal</i> , 2020 , 3606354	1	12
13	Neutralizing antibody and soluble ACE2 inhibition of a replication-competent VSV-SARS-CoV-2 and a clinical isolate of SARS-CoV-2 2020 ,		10
12	Replication-competent vesicular stomatitis virus vaccine vector protects against SARS-CoV-2-mediated pathogenesis 2020 ,		9
11	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8

10	JIB-04 has broad-spectrum antiviral activity and inhibits SARS-CoV-2 replication and coronavirus pathogenesis 2021 ,		8
9	Defining the risk of SARS-CoV-2 variants on immune protection.. <i>Nature</i> , 2022 ,	50.4	7
8	A class II MHC-targeted vaccine elicits immunity against SARS-CoV-2 and its variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
7	Systematic analysis of SARS-CoV-2 infection of an ACE2-negative human airway cell 2021 ,		4
6	Longitudinal Study after Sputnik V Vaccination Shows Durable SARS-CoV-2 Neutralizing Antibodies and Reduced Viral Variant Escape to Neutralization over Time.. <i>MBio</i> , 2022 , e0344221	7.8	3
5	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells 2021 ,		3
4	Saliva enhances infection of gingival fibroblasts by herpes simplex virus 1. <i>PLoS ONE</i> , 2019 , 14, e0223299	3.7	2
3	JIB-04 Has Broad-Spectrum Antiviral Activity and Inhibits SARS-CoV-2 Replication and Coronavirus Pathogenesis.. <i>MBio</i> , 2022 , e0337721	7.8	2
2	Noninvasive Immuno-PET Imaging of CD8 T Cell Behavior in Influenza A Virus-Infected Mice. <i>Frontiers in Immunology</i> , 2021 , 12, 777739	8.4	1
1	Temporal Increase in Neutralization Potency of SARS-CoV-2 Antibodies and Reduced Viral Variant Escape after Sputnik V Vaccination		1