

Matthew McCallum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1628311/publications.pdf>

Version: 2024-02-01

11
papers

3,123
citations

932766

10
h-index

1281420

11
g-index

17
all docs

17
docs citations

17
times ranked

5348
citing authors

#	ARTICLE	IF	CITATIONS
1	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. <i>Cell</i> , 2021, 184, 2332-2347.e16.	13.5	784
2	Ultrapotent human antibodies protect against SARS-CoV-2 challenge via multiple mechanisms. <i>Science</i> , 2020, 370, 950-957.	6.0	504
3	Structural basis of SARS-CoV-2 Omicron immune evasion and receptor engagement. <i>Science</i> , 2022, 375, 864-868.	6.0	394
4	SARS-CoV-2 immune evasion by the B.1.427/B.1.429 variant of concern. <i>Science</i> , 2021, 373, 648-654.	6.0	385
5	Molecular basis of immune evasion by the Delta and Kappa SARS-CoV-2 variants. <i>Science</i> , 2021, 374, 1621-1626.	6.0	232
6	SARS-CoV-2 breakthrough infections elicit potent, broad, and durable neutralizing antibody responses. <i>Cell</i> , 2022, 185, 872-880.e3.	13.5	165
7	Structure-guided covalent stabilization of coronavirus spike glycoprotein trimers in the closed conformation. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 942-949.	3.6	153
8	Shifting mutational constraints in the SARS-CoV-2 receptor-binding domain during viral evolution. <i>Science</i> , 2022, 377, 420-424.	6.0	140
9	ACE2-binding exposes the SARS-CoV-2 fusion peptide to broadly neutralizing coronavirus antibodies. <i>Science</i> , 2022, 377, 735-742.	6.0	85
10	Discovery and Characterization of Spike N-Terminal Domain-Binding Aptamers for Rapid SARS-CoV-2 Detection. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21211-21215.	7.2	62
11	Discovery and Characterization of Spike N-Terminal Domain-Binding Aptamers for Rapid SARS-CoV-2 Detection. <i>Angewandte Chemie</i> , 2021, 133, 21381-21385.	1.6	14