

Matthew McCallum

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.

15
papers

1,312
citations

10
h-index

17
g-index

17
ext. papers

2,431
ext. citations

30.8
avg, IF

4.63
L-index

#	Paper	IF	Citations
15	SARS-CoV-2 breakthrough infections elicit potent, broad, and durable neutralizing antibody responses.. <i>Cell</i> , 2022 ,	56.2	21
14	Structural basis of SARS-CoV-2 Omicron immune evasion and receptor engagement.. <i>Science</i> , 2022 , 375, eabn8652	33.3	71
13	Molecular basis of immune evasion by the Delta and Kappa SARS-CoV-2 variants. <i>Science</i> , 2021 , eabl8506	33.3	65
12	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2. <i>Cell</i> , 2021 , 184, 2332-2347	31.6	316
11	SARS-CoV-2 immune evasion by variant B.1.427/B.1.429 2021 ,		62
10	SARS-CoV-2 immune evasion by the B.1.427/B.1.429 variant of concern. <i>Science</i> , 2021 , 373, 648-654	33.3	197
9	N-terminal domain antigenic mapping reveals a site of vulnerability for SARS-CoV-2 2021 ,		34
8	Molecular basis of immune evasion by the delta and kappa SARS-CoV-2 variants 2021 ,		31
7	Discovery and Characterization of Spike N-Terminal Domain-Binding Aptamers for Rapid SARS-CoV-2 Detection. <i>Angewandte Chemie</i> , 2021 , 133, 21381-21385	3.6	1
6	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	16.4	9
5	Delta breakthrough infections elicit potent, broad and durable neutralizing antibody responses. 2021 ,		3
4	Closing coronavirus spike glycoproteins by structure-guided design 2020 ,		7
3	Structure-guided covalent stabilization of coronavirus spike glycoprotein trimers in the closed conformation. <i>Nature Structural and Molecular Biology</i> , 2020 , 27, 942-949	17.6	89
2	Ultrapotent human antibodies protect against SARS-CoV-2 challenge via multiple mechanisms. <i>Science</i> , 2020 , 370, 950-957	33.3	314
1	ACE2 engagement exposes the fusion peptide to pan-coronavirus neutralizing antibodies		3