

Thomas F Rogers

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

2,307
citations

16
h-index

33
g-index

33
ext. papers

3,413
ext. citations

20.4
avg, IF

4.75
L-index

#	Paper	IF	Citations
31	A human antibody reveals a conserved site on beta-coronavirus spike proteins and confers protection against SARS-CoV-2 infection.. <i>Science Translational Medicine</i> , 2022 , 14, eabi9215	17.5	15
30	Targeted isolation of panels of diverse human protective broadly neutralizing antibodies against SARS-like viruses. 2022 ,		3
29	Broadly neutralizing anti-S2 antibodies protect against all three human betacoronaviruses that cause severe disease. 2022 ,		2
28	A novel CSP C-terminal epitope targeted by an antibody with protective activity against Plasmodium falciparum.. <i>PLoS Pathogens</i> , 2022 , 18, e1010409	7.6	0
27	Targeted protein S-nitrosylation of ACE2 as potential treatment to prevent spread of SARS-CoV-2 infection. 2022 ,		1
26	Identification of a therapeutic interfering particle-A single-dose SARS-CoV-2 antiviral intervention with a high barrier to resistance. <i>Cell</i> , 2021 , 184, 6022-6036.e18	56.2	3
25	Preclinical characterization of an intravenous coronavirus 3CL protease inhibitor for the potential treatment of COVID19. <i>Nature Communications</i> , 2021 , 12, 6055	17.4	56
24	AI-guided discovery of the invariant host response to viral pandemics 2021 ,		6
23	Adult Stem Cell-derived Complete Lung Organoid Models Emulate Lung Disease in COVID-19 2021 ,		15
22	A protective broadly cross-reactive human antibody defines a conserved site of vulnerability on beta-coronavirus spikes 2021 ,		26
21	Ultrapotent bispecific antibodies neutralize emerging SARS-CoV-2 variants 2021 ,		6
20	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. <i>Cell Reports</i> , 2021 , 35, 108940	10.6	28
19	Cross-reactive serum and memory B-cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection. <i>Nature Communications</i> , 2021 , 12, 2938	17.4	110
18	AI-guided discovery of the invariant host response to viral pandemics. <i>EBioMedicine</i> , 2021 , 68, 103390	8.8	13
17	Drug repurposing screens identify chemical entities for the development of COVID-19 interventions. <i>Nature Communications</i> , 2021 , 12, 3309	17.4	25
16	Adult stem cell-derived complete lung organoid models emulate lung disease in COVID-19. <i>ELife</i> , 2021 , 10,	8.9	18
15	Bispecific antibodies targeting distinct regions of the spike protein potently neutralize SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021 , 13, eabj5413	17.5	18

14	Isolation of potent SARS-CoV-2 neutralizing antibodies and protection from disease in a small animal model. <i>Science</i> , 2020 , 369, 956-963	33.3	906
13	Rapid isolation of potent SARS-CoV-2 neutralizing antibodies and protection in a small animal model 2020 ,		35
12	Structural basis of a public antibody response to SARS-CoV-2 2020 ,		14
11	Development of a Synthetic Poxvirus-Based SARS-CoV-2 Vaccine 2020 ,		8
10	Cross-reactive serum and memory B cell responses to spike protein in SARS-CoV-2 and endemic coronavirus infection 2020 ,		40
9	Animal models for COVID-19. <i>Nature</i> , 2020 , 586, 509-515	50.4	377
8	Structural basis of a shared antibody response to SARS-CoV-2. <i>Science</i> , 2020 , 369, 1119-1123	33.3	338
7	Development of a multi-antigenic SARS-CoV-2 vaccine candidate using a synthetic poxvirus platform. <i>Nature Communications</i> , 2020 , 11, 6121	17.4	36
6	Structural Basis of Zika Virus Specific Neutralization in Subsequent Flavivirus Infections. <i>Viruses</i> , 2020 , 12,	6.2	3
5	Fetal demise and failed antibody therapy during Zika virus infection of pregnant macaques. <i>Nature Communications</i> , 2018 , 9, 1624	17.4	50
4	Neutralizing human monoclonal antibodies prevent Zika virus infection in macaques. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	69
3	Zika virus activates de novo and cross-reactive memory B cell responses in dengue-experienced donors. <i>Science Immunology</i> , 2017 , 2,	28	68
2	Oral drug repositioning candidates and synergistic remdesivir combinations for the prophylaxis and treatment of COVID-19		10
1	Broadly neutralizing antibodies to SARS-related viruses can be readily induced in rhesus macaques		4