

Marina F Caskey

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.

86
papers

10,381
citations

43
h-index

101
g-index

103
ext. papers

14,906
ext. citations

24.7
avg, IF

6.36
L-index

#	Paper	IF	Citations
86	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. <i>Nature</i> , 2020 , 584, 437-442	50.4	1167
85	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. <i>ELife</i> , 2020 , 9,	8.9	784
84	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants. <i>Nature</i> , 2021 , 592, 616-622	50.4	730
83	Evolution of antibody immunity to SARS-CoV-2. <i>Nature</i> , 2021 , 591, 639-644	50.4	652
82	Viraemia suppressed in HIV-1-infected humans by broadly neutralizing antibody 3BNC117. <i>Nature</i> , 2015 , 522, 487-91	50.4	509
81	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. <i>Cell</i> , 2020 , 182, 828-842.e16	56.2	485
80	Dendritic cells require a systemic type I interferon response to mature and induce CD4+ Th1 immunity with poly IC as adjuvant. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1589-602	16.6	471
79	HIV-1 antibody 3BNC117 suppresses viral rebound in humans during treatment interruption. <i>Nature</i> , 2016 , 535, 556-60	50.4	298
78	HIV-1 integration landscape during latent and active infection. <i>Cell</i> , 2015 , 160, 420-32	56.2	289
77	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	289
76	Antibody 10-1074 suppresses viremia in HIV-1-infected individuals. <i>Nature Medicine</i> , 2017 , 23, 185-191	50.5	282
75	Combination therapy with anti-HIV-1 antibodies maintains viral suppression. <i>Nature</i> , 2018 , 561, 479-484	50.4	250
74	The microbial mimic poly IC induces durable and protective CD4+ T cell immunity together with a dendritic cell targeted vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2574-9	11.5	247
73	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. <i>Nature</i> , 2021 , 595, 426-431	50.4	247
72	Enhanced clearance of HIV-1-infected cells by broadly neutralizing antibodies against HIV-1 in vivo. <i>Science</i> , 2016 , 352, 1001-4	33.3	240
71	Synthetic double-stranded RNA induces innate immune responses similar to a live viral vaccine in humans. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2357-66	16.6	219
70	HIV-1 therapy with monoclonal antibody 3BNC117 elicits host immune responses against HIV-1. <i>Science</i> , 2016 , 352, 997-1001	33.3	202

69	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. <i>Cell</i> , 2017 , 169, 597-609.e1199		
68	Enhanced SARS-CoV-2 neutralization by dimeric IgA. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	178
67	Circulating precursors of human CD1c+ and CD141+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2015 , 212, 401-13	16.6	154
66	Safety and antiviral activity of combination HIV-1 broadly neutralizing antibodies in viremic individuals. <i>Nature Medicine</i> , 2018 , 24, 1701-1707	50.5	142
65	In vivo electroporation enhances the immunogenicity of an HIV-1 DNA vaccine candidate in healthy volunteers. <i>PLoS ONE</i> , 2011 , 6, e19252	3.7	140
64	Broadly neutralizing anti-HIV-1 monoclonal antibodies in the clinic. <i>Nature Medicine</i> , 2019 , 25, 547-553	50.5	126
63	Paired quantitative and qualitative assessment of the replication-competent HIV-1 reservoir and comparison with integrated proviral DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7908-E7916	11.5	117
62	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. <i>Nature Communications</i> , 2021 , 12, 4196	17.4	106
61	Plasma Neutralization of the SARS-CoV-2 Omicron Variant.. <i>New England Journal of Medicine</i> , 2021 ,	59.2	93
60	Recommendations for analytical antiretroviral treatment interruptions in HIV research trials-report of a consensus meeting. <i>Lancet HIV</i> , 2019 , 6, e259-e268	7.8	87
59	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. <i>Immunity</i> , 2021 , 54, 1853-1868.e7	32.3	83
58	Clonal CD4 T cells in the HIV-1 latent reservoir display a distinct gene profile upon reactivation. <i>Nature Medicine</i> , 2018 , 24, 604-609	50.5	72
57	Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination. <i>Nature</i> , 2021 ,	50.4	69
56	High genetic barrier to SARS-CoV-2 polyclonal neutralizing antibody escape. <i>Nature</i> , 2021 ,	50.4	65
55	Convergent Antibody Responses to SARS-CoV-2 Infection in Convalescent Individuals 2020 ,		60
54	Persistent cellular immunity to SARS-CoV-2 infection. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	59
53	Clinical manifestations associated with HTLV type I infection: a cross-sectional study. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 365-71	1.6	58
52	A randomized open-label study of 3- versus 5-drug combination antiretroviral therapy in newly HIV-1-infected individuals. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 66, 140-7	3.1	56

51	Broadly Neutralizing Antibodies for HIV-1 Prevention or Immunotherapy. <i>New England Journal of Medicine</i> , 2016 , 375, 2019-2021	59.2	55
50	Relationship between latent and rebound viruses in a clinical trial of anti-HIV-1 antibody 3BNC117. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2311-2324	16.6	55
49	Detection and characterization of the SARS-CoV-2 lineage B.1.526 in New York 2021 ,		54
48	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants 2021 ,		54
47	Combination anti-HIV-1 antibody therapy is associated with increased virus-specific T cell immunity. <i>Nature Medicine</i> , 2020 , 26, 222-227	50.5	50
46	Broadly neutralizing antibodies for treatment and prevention of HIV-1 infection. <i>Current Opinion in HIV and AIDS</i> , 2018 , 13, 366-373	4.2	47
45	ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens. <i>Cell Reports Medicine</i> , 2020 , 1, 100123	18	46
44	Phase 1 safety and immunogenicity evaluation of ADMVA, a multigenic, modified vaccinia Ankara-HIV-1 BXC candidate vaccine. <i>PLoS ONE</i> , 2010 , 5, e8816	3.7	45
43	Evolution of Antibody Immunity to SARS-CoV-2 2021 ,		43
42	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020 , 26, 1339-1350	50.5	43
41	Combination of quadruplex qPCR and next-generation sequencing for qualitative and quantitative analysis of the HIV-1 latent reservoir. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2253-2264	16.6	42
40	Relationship between intact HIV-1 proviruses in circulating CD4 T cells and rebound viruses emerging during treatment interruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11341-E11348	11.5	42
39	Brain magnetic resonance imaging white matter lesions are frequent in HTLV-I carriers and do not discriminate from HAM/TSP. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 1499-504	1.6	41
38	Clinical manifestations in individuals with recent diagnosis of HTLV type I infection. <i>Journal of Clinical Virology</i> , 2011 , 51, 54-8	14.5	35
37	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses 2020 ,		35
36	Antigen-responsive CD4+ T cell clones contribute to the HIV-1 latent reservoir. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	34
35	Safety, pharmacokinetics, and immunogenicity of the combination of the broadly neutralizing anti-HIV-1 antibodies 3BNC117 and 10-1074 in healthy adults: A randomized, phase 1 study. <i>PLoS ONE</i> , 2019 , 14, e0219142	3.7	33
34	Neutralizing Activity of Broadly Neutralizing Anti-HIV-1 Antibodies against Clade B Clinical Isolates Produced in Peripheral Blood Mononuclear Cells. <i>Journal of Virology</i> , 2018 , 92,	6.6	32

33	Plasma neutralization properties of the SARS-CoV-2 Omicron variant. 2021,		31
32	Structures of human antibodies bound to SARS-CoV-2 spike reveal common epitopes and recurrent features of antibodies 2020,		30
31	Detection and characterization of the SARS-CoV-2 lineage B.1.526 in New York. <i>Nature Communications</i> , 2021 , 12, 4886	17.4	30
30	Mutational escape from the polyclonal antibody response to SARS-CoV-2 infection is largely shaped by a single class of antibodies 2021,		27
29	A Combination of Human Broadly Neutralizing Antibodies against Hepatitis B Virus HBsAg with Distinct Epitopes Suppresses Escape Mutations. <i>Cell Host and Microbe</i> , 2020 , 28, 335-349.e6	23.4	25
28	Development of potency, breadth and resilience to viral escape mutations in SARS-CoV-2 neutralizing antibodies 2021,		24
27	Naturally enhanced neutralizing breadth to SARS-CoV-2 after one year 2021,		19
26	Broadly neutralizing antibodies for the treatment and prevention of HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2020 , 15, 49-55	4.2	17
25	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. <i>Nature Medicine</i> , 2021,	50.5	16
24	Enhanced SARS-CoV-2 Neutralization by Secretory IgA in vitro 2020,		15
23	Heightened resistance to host type 1 interferons characterizes HIV-1 at transmission and after antiretroviral therapy interruption. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	14
22	Increased Memory B Cell Potency and Breadth After a SARS-CoV-2 mRNA Boost.. <i>Nature</i> , 2022,	50.4	14
21	Neutralizing Activity of Broadly Neutralizing anti-HIV-1 Antibodies against Primary African Isolates. <i>Journal of Virology</i> , 2020,	6.6	11
20	Sequence Evaluation and Comparative Analysis of Novel Assays for Intact Proviral HIV-1 DNA. <i>Journal of Virology</i> , 2021 , 95,	6.6	11
19	Analysis of memory B cells identifies conserved neutralizing epitopes on the N-terminal domain of variant SARS-Cov-2 spike proteins.. <i>Immunity</i> , 2022,	32.3	10
18	Persistent Cellular Immunity to SARS-CoV-2 Infection 2020,		9
17	Anti- SARS-CoV-2 Receptor Binding Domain Antibody Evolution after mRNA Vaccination		7
16	High genetic barrier to escape from human polyclonal SARS-CoV-2 neutralizing antibodies		7

15	A clinical trial of non-invasive imaging with an anti-HIV antibody labelled with copper-64 in people living with HIV and uninfected controls. <i>EBioMedicine</i> , 2021 , 65, 103252	8.8	5
14	TOP-Plus Is a Versatile Biosensor Platform for Monitoring SARS-CoV-2 Antibody Durability. <i>Clinical Chemistry</i> , 2021 , 67, 1249-1258	5.5	5
13	Delivery of anti-HIV bNAbs by viral vectors. <i>Lancet HIV,the</i> , 2019 , 6, e207-e208	7.8	4
12	Antigen responsive CD4+ T cell clones contribute to the HIV-1 latent reservoir		3
11	Characterization of Co-Formulated High-Concentration Broadly Neutralizing Anti-HIV-1 Monoclonal Antibodies for Subcutaneous Administration. <i>Antibodies</i> , 2020 , 9,	7	3
10	Behavioral and social science research to support development of educational materials for clinical trials of broadly neutralizing antibodies for HIV treatment and prevention. <i>Clinical Trials</i> , 2021 , 18, 17-27 ²⁻²		3
9	Increased Potency and Breadth of SARS-CoV-2 Neutralizing Antibodies After a Third mRNA Vaccine Dose. 2022 ,		3
8	Effect of 3BNC117 and romidepsin on the HIV-1 reservoir in people taking suppressive antiretroviral therapy (ROADMAP): a randomised, open-label, phase 2A trial.. <i>Lancet Microbe, The</i> , 2022 , 3, e203-e214	22.2	2
7	Neutralizing activity of broadly neutralizing anti-HIV-1 antibodies against primary African isolates		2
6	TOP-Plus is a Versatile Biosensor Platform for Monitoring SARS-CoV-2 Antibody Durability 2021 ,		2
5	Longitudinal clonal dynamics of HIV-1 latent reservoirs measured by combination quadruplex polymerase chain reaction and sequencing.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	1
4	Conserved Neutralizing Epitopes on the N-Terminal Domain of Variant SARS-CoV-2 Spike Proteins. 2022 ,		1
3	Analysis of HIV-1 latent reservoir and rebound viruses in a clinical trial of anti-HIV-1 antibody 3BNC117		1
2	The RIO trial: rationale, design, and the role of community involvement in a randomised placebo-controlled trial of antiretroviral therapy plus dual long-acting HIV-specific broadly neutralising antibodies (bNAbs) in participants diagnosed with recent HIV infection-study protocol for a two-stage randomised phase II trial.. <i>Trials</i> , 2022 , 23, 263	2.8	0
1	A Phase 1 Trial of the Hematopoietic Growth Factor CDX-301 (rhuFlt3L) in Healthy Volunteers. <i>Blood</i> , 2012 , 120, 4124-4124	2.2	