

Kathryn M Hastie

List of Publications by Citations

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Version: 2024-04-27

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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

5,129
citations

18
h-index

31
g-index

31
ext. papers

7,681
ext. citations

17.2
avg, IF

5.71
L-index

#	Paper	IF	Citations
27	Tracking Changes in SARS-CoV-2 Spike: Evidence that D614G Increases Infectivity of the COVID-19 Virus. <i>Cell</i> , 2020 , 182, 812-827.e19	56.2	2322
26	Immunological memory to SARS-CoV-2 assessed for up to 8 months after infection. <i>Science</i> , 2021 , 371,	33.3	1183
25	Antigen-Specific Adaptive Immunity to SARS-CoV-2 in Acute COVID-19 and Associations with Age and Disease Severity. <i>Cell</i> , 2020 , 183, 996-1012.e19	56.2	711
24	Lassa fever in post-conflict sierra leone. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2748	4.8	126
23	Structural basis for antibody-mediated neutralization of Lassa virus. <i>Science</i> , 2017 , 356, 923-928	33.3	119
22	Most neutralizing human monoclonal antibodies target novel epitopes requiring both Lassa virus glycoprotein subunits. <i>Nature Communications</i> , 2016 , 7, 11544	17.4	99
21	Crystal structure of the Lassa virus nucleoprotein-RNA complex reveals a gating mechanism for RNA binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19365-70	11.5	93
20	Structures of Ebola virus GP and sGP in complex with therapeutic antibodies. <i>Nature Microbiology</i> , 2016 , 1, 16128	26.6	78
19	Defining variant-resistant epitopes targeted by SARS-CoV-2 antibodies: A global consortium study. <i>Science</i> , 2021 , 374, 472-478	33.3	72
18	Crystal structure of the prefusion surface glycoprotein of the prototypic arenavirus LCMV. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 513-521	17.6	47
17	Structural basis for the dsRNA specificity of the Lassa virus NP exonuclease. <i>PLoS ONE</i> , 2012 , 7, e44211	3.7	42
16	SARS-CoV-2 infection generates tissue-localized immunological memory in humans. <i>Science Immunology</i> , 2021 , 6, eabl9105	28	33
15	Antibodies to the Glycoprotein GP2 Subunit Cross-React between Old and New World Arenaviruses. <i>MSphere</i> , 2018 , 3,	5	27
14	Field validation of recombinant antigen immunoassays for diagnosis of Lassa fever. <i>Scientific Reports</i> , 2018 , 8, 5939	4.9	26
13	The Marburgvirus-Neutralizing Human Monoclonal Antibody MR191 Targets a Conserved Site to Block Virus Receptor Binding. <i>Cell Host and Microbe</i> , 2018 , 23, 101-109.e4	23.4	25
12	Isolation and characterization of the DNA and protein binding activities of adenovirus core protein V. <i>Journal of Virology</i> , 2014 , 88, 9287-96	6.6	24
11	Hiding the evidence: two strategies for innate immune evasion by hemorrhagic fever viruses. <i>Current Opinion in Virology</i> , 2012 , 2, 151-6	7.5	21

10	Crystal Structure of the Oligomeric Form of Lassa Virus Matrix Protein Z. <i>Journal of Virology</i> , 2016 , 90, 4556-62	6.6	18
9	Lassa virus glycoprotein: stopping a moving target. <i>Current Opinion in Virology</i> , 2018 , 31, 52-58	7.5	18
8	Convergent Structures Illuminate Features for Germline Antibody Binding and Pan-Lassa Virus Neutralization. <i>Cell</i> , 2019 , 178, 1004-1015.e14	56.2	16
7	Structure of the LCMV nucleoprotein provides a template for understanding arenavirus replication and immunosuppression. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1764-9		10
6	Antibody therapy for Lassa fever. <i>Current Opinion in Virology</i> , 2019 , 37, 97-104	7.5	9
5	Antibodies from Sierra Leonean and Nigerian Lassa Fever survivors cross-react with recombinant proteins representing Lassa viruses of divergent lineages. <i>Scientific Reports</i> , 2020 , 10, 16030	4.9	6
4	Delineating the mechanism of anti-Lassa virus GPC-A neutralizing antibodies. <i>Cell Reports</i> , 2022 , 39, 1108416	11.5	2
3	CD164 is a host factor for lymphocytic choriomeningitis virus entry.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2119676119	11.5	1
2	Analysis of Oligomeric and Glycosylated Proteins by Size-Exclusion Chromatography Coupled with Multiangle Light Scattering. <i>Methods in Molecular Biology</i> , 2021 , 2271, 343-359	1.4	0
1	From Kenema to Our Krios: Medical Defense Against Lassa Virus and Emerging Infectious Disease. <i>Microscopy and Microanalysis</i> , 2020 , 26, 568-568	0.5	