

Erica Ollmann Sapphire

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2972738/erica-ollmann-sapphire-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

13,750
citations

50
h-index

116
g-index

175
ext. papers

17,611
ext. citations

16
avg, IF

6.51
L-index

#	Paper	IF	Citations
153	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
152	Immunological memory to SARS-CoV-2 assessed for up to 8 months after infection. <i>Science</i> , 2021 , 371,	33.3	1183
151	Crystal structure of a neutralizing human IGG against HIV-1: a template for vaccine design. <i>Science</i> , 2001 , 293, 1155-9	33.3	764
150	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
149	Broadly neutralizing antibodies targeted to the membrane-proximal external region of human immunodeficiency virus type 1 glycoprotein gp41. <i>Journal of Virology</i> , 2001 , 75, 10892-905	6.6	680
148	The broadly neutralizing anti-human immunodeficiency virus type 1 antibody 2G12 recognizes a cluster of alpha1-->2 mannose residues on the outer face of gp120. <i>Journal of Virology</i> , 2002 , 76, 7306-21	6.6	617
147	Structure of the Ebola virus glycoprotein bound to an antibody from a human survivor. <i>Nature</i> , 2008 , 454, 177-82	50.4	538
146	Complement is activated by IgG hexamers assembled at the cell surface. <i>Science</i> , 2014 , 343, 1260-3	33.3	424
145	Ebola virus VP35 protein binds double-stranded RNA and inhibits alpha/beta interferon production induced by RIG-I signaling. <i>Journal of Virology</i> , 2006 , 80, 5168-78	6.6	353
144	Fine mapping of the interaction of neutralizing and nonneutralizing monoclonal antibodies with the CD4 binding site of human immunodeficiency virus type 1 gp120. <i>Journal of Virology</i> , 2003 , 77, 642-58	6.6	225
143	gp120: Biologic aspects of structural features. <i>Annual Review of Immunology</i> , 2001 , 19, 253-74	34.7	215
142	Contrasting IgG structures reveal extreme asymmetry and flexibility. <i>Journal of Molecular Biology</i> , 2002 , 319, 9-18	6.5	209
141	Structure of the Lassa virus nucleoprotein reveals a dsRNA-specific 3' to 5' exonuclease activity essential for immune suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2396-401	11.5	188
140	Ebolavirus glycoprotein structure and mechanism of entry. <i>Future Virology</i> , 2009 , 4, 621-635	2.4	176
139	Structural rearrangement of ebola virus VP40 begets multiple functions in the virus life cycle. <i>Cell</i> , 2013 , 154, 763-74	56.2	155
138	Isolation of potent neutralizing antibodies from a survivor of the 2014 Ebola virus outbreak. <i>Science</i> , 2016 , 351, 1078-83	33.3	153
137	Structures of protective antibodies reveal sites of vulnerability on Ebola virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17182-7	11.5	146

136	Cross-Reactive and Potent Neutralizing Antibody Responses in Human Survivors of Natural Ebola Virus Infection. <i>Cell</i> , 2016 , 164, 392-405	56.2	126
135	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. <i>Cell</i> , 2018 , 174, 938-952.e13	56.2	126
134	Lassa fever in post-conflict sierra leone. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2748	4.8	126
133	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , 2018 , 24, 221-233.e5	23.4	121
132	Structural basis for antibody-mediated neutralization of Lassa virus. <i>Science</i> , 2017 , 356, 923-928	33.3	119
131	Mechanism of human antibody-mediated neutralization of Marburg virus. <i>Cell</i> , 2015 , 160, 893-903	56.2	114
130	Cathepsin cleavage potentiates the Ebola virus glycoprotein to undergo a subsequent fusion-relevant conformational change. <i>Journal of Virology</i> , 2012 , 86, 364-72	6.6	110
129	Ebolavirus VP35 uses a bimodal strategy to bind dsRNA for innate immune suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 314-9	11.5	106
128	A shared structural solution for neutralizing ebolaviruses. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 1424-7	17.6	101
127	The ebola virus interferon antagonist VP24 directly binds STAT1 and has a novel, pyramidal fold. <i>PLoS Pathogens</i> , 2012 , 8, e1002550	7.6	99
126	Most neutralizing human monoclonal antibodies target novel epitopes requiring both Lassa virus glycoprotein subunits. <i>Nature Communications</i> , 2016 , 7, 11544	17.4	99
125	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
124	Structural basis for Marburg virus neutralization by a cross-reactive human antibody. <i>Cell</i> , 2015 , 160, 904-912	56.2	91
123	Molecular features of the broadly neutralizing immunoglobulin G1 b12 required for recognition of human immunodeficiency virus type 1 gp120. <i>Journal of Virology</i> , 2003 , 77, 5863-76	6.6	90
122	Antibody-mediated protection against Ebola virus. <i>Nature Immunology</i> , 2018 , 19, 1169-1178	19.1	90
121	Assembly of the Ebola Virus Nucleoprotein from a Chaperoned VP35 Complex. <i>Cell Reports</i> , 2015 , 12, 140-149	10.6	89
120	A "Trojan horse" bispecific-antibody strategy for broad protection against ebolaviruses. <i>Science</i> , 2016 , 354, 350-354	33.3	86
119	Structures of Ebola virus GP and sGP in complex with therapeutic antibodies. <i>Nature Microbiology</i> , 2016 , 1, 16128	26.6	78

118	Pan-ebolavirus and Pan-filovirus Mouse Monoclonal Antibodies: Protection against Ebola and Sudan Viruses. <i>Journal of Virology</i> , 2016 , 90, 266-78	6.6	78
117	Host-Primed Ebola Virus GP Exposes a Hydrophobic NPC1 Receptor-Binding Pocket, Revealing a Target for Broadly Neutralizing Antibodies. <i>MBio</i> , 2016 , 7, e02154-15	7.8	72
116	Discussions and decisions of the 2012–2014 International Committee on Taxonomy of Viruses (ICTV) Filoviridae Study Group, January 2012–June 2013. <i>Archives of Virology</i> , 2014 , 159, 821-30	2.6	72
115	Defining variant-resistant epitopes targeted by SARS-CoV-2 antibodies: A global consortium study. <i>Science</i> , 2021 , 374, 472-478	33.3	72
114	Antibody Treatment of Ebola and Sudan Virus Infection via a Uniquely Exposed Epitope within the Glycoprotein Receptor-Binding Site. <i>Cell Reports</i> , 2016 , 15, 1514-1526	10.6	68
113	Structure of a high-affinity "mimotope" peptide bound to HIV-1-neutralizing antibody b12 explains its inability to elicit gp120 cross-reactive antibodies. <i>Journal of Molecular Biology</i> , 2007 , 369, 696-709	6.5	63
112	Two-mAb cocktail protects macaques against the Makona variant of Ebola virus. <i>Science Translational Medicine</i> , 2016 , 8, 329ra33	17.5	62
111	Ebola virus glycoprotein needs an additional trigger, beyond proteolytic priming for membrane fusion. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1395	4.8	57
110	Structural basis for differential neutralization of ebolaviruses. <i>Viruses</i> , 2012 , 4, 447-70	6.2	57
109	Lifted Up from Lockdown. <i>Cell</i> , 2020 , 183, 1-3	56.2	55
108	The carbohydrate epitope of the neutralizing anti-HIV-1 antibody 2G12. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 535, 205-18	3.6	55
107	Marburg virus VP35 can both fully coat the backbone and cap the ends of dsRNA for interferon antagonism. <i>PLoS Pathogens</i> , 2012 , 8, e1002916	7.6	54
106	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. <i>Archives of Virology</i> , 2014 , 159, 1229-37	2.6	52
105	Neutralizing ebolavirus: structural insights into the envelope glycoprotein and antibodies targeted against it. <i>Current Opinion in Structural Biology</i> , 2009 , 19, 408-17	8.1	50
104	Crystal structure of the nipah virus phosphoprotein tetramerization domain. <i>Journal of Virology</i> , 2014 , 88, 758-62	6.6	48
103	Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. <i>Immunity</i> , 2018 , 49, 363-374.e10	32.3	47
102	Broadly neutralizing antibodies from human survivors target a conserved site in the Ebola virus glycoprotein HR2-MPER region. <i>Nature Microbiology</i> , 2018 , 3, 670-677	26.6	47
101	Complex of a protective antibody with its Ebola virus GP peptide epitope: unusual features of a V lambda x light chain. <i>Journal of Molecular Biology</i> , 2008 , 375, 202-16	6.5	47

100	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
99	Recurring conformation of the human immunodeficiency virus type 1 gp120 V3 loop. <i>Virology</i> , 2003 , 315, 159-73	3.6	46
98	The Ebola Virus VP30-NP Interaction Is a Regulator of Viral RNA Synthesis. <i>PLoS Pathogens</i> , 2016 , 12, e1005937	7.6	45
97	Filovirus RefSeq entries: evaluation and selection of filovirus type variants, type sequences, and names. <i>Viruses</i> , 2014 , 6, 3663-82	6.2	44
96	Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebola virus Neutralization. <i>Immunity</i> , 2020 , 52, 388-403.e12	32.3	42
95	Structural basis for the dsRNA specificity of the Lassa virus NP exonuclease. <i>PLoS ONE</i> , 2012 , 7, e44211	3.7	42
94	An efficient platform for screening expression and crystallization of glycoproteins produced in human cells. <i>Nature Protocols</i> , 2009 , 4, 592-604	18.8	40
93	Structure of an antibody in complex with its mucin domain linear epitope that is protective against Ebola virus. <i>Journal of Virology</i> , 2012 , 86, 2809-16	6.6	40
92	Ebolavirus VP35 coats the backbone of double-stranded RNA for interferon antagonism. <i>Journal of Virology</i> , 2013 , 87, 10385-8	6.6	38
91	The ebolavirus VP24 interferon antagonist: know your enemy. <i>Virulence</i> , 2012 , 3, 440-5	4.7	37
90	Crystallization and preliminary structure determination of an intact human immunoglobulin, b12: an antibody that broadly neutralizes primary isolates of HIV-1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001 , 57, 168-71		37
89	A Vaccine against Ebola Virus. <i>Cell</i> , 2020 , 181, 6	56.2	35
88	Fab and Fc contribute to maximal protection against SARS-CoV-2 following NVX-CoV2373 subunit vaccine with Matrix-M vaccination. <i>Cell Reports Medicine</i> , 2021 , 2, 100405	18	34
87	SARS-CoV-2 infection generates tissue-localized immunological memory in humans. <i>Science Immunology</i> , 2021 , 6, eabl9105	28	33
86	Crystal Structure of the Marburg Virus VP35 Oligomerization Domain. <i>Journal of Virology</i> , 2017 , 91,	6.6	32
85	Crystal structure of an intact human IgG: antibody asymmetry, flexibility, and a guide for HIV-1 vaccine design. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 535, 55-66	3.6	32
84	An update on the use of antibodies against the filoviruses. <i>Immunotherapy</i> , 2013 , 5, 1221-33	3.8	31
83	Non-neutralizing Antibodies from a Marburg Infection Survivor Mediate Protection by Fc-Effector Functions and by Enhancing Efficacy of Other Antibodies. <i>Cell Host and Microbe</i> , 2020 , 27, 976-991.e11	23.4	29

82	Multiple circulating infections can mimic the early stages of viral hemorrhagic fevers and possible human exposure to filoviruses in Sierra Leone prior to the 2014 outbreak. <i>Viral Immunology</i> , 2015 , 28, 19-31	1.7	29
81	Crystal Structure of Marburg Virus VP40 Reveals a Broad, Basic Patch for Matrix Assembly and a Requirement of the N-Terminal Domain for Immunosuppression. <i>Journal of Virology</i> , 2016 , 90, 1839-48	6.6	27
80	Antibodies to the Glycoprotein GP2 Subunit Cross-React between Old and New World Arenaviruses. <i>MSphere</i> , 2018 , 3,	5	27
79	Protective mAbs and Cross-Reactive mAbs Raised by Immunization with Engineered Marburg Virus GPs. <i>PLoS Pathogens</i> , 2015 , 11, e1005016	7.6	27
78	Field validation of recombinant antigen immunoassays for diagnosis of Lassa fever. <i>Scientific Reports</i> , 2018 , 8, 5939	4.9	26
77	Development of Prototype Filovirus Recombinant Antigen Immunoassays. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S359-67	7	26
76	Structural insights into RNA encapsidation and helical assembly of the Toscana virus nucleoprotein. <i>Nucleic Acids Research</i> , 2014 , 42, 6025-37	20.1	26
75	Two synthetic antibodies that recognize and neutralize distinct proteolytic forms of the ebola virus envelope glycoprotein. <i>ChemBioChem</i> , 2012 , 13, 2549-57	3.8	26
74	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
73	An intranasal vaccine durably protects against SARS-CoV-2 variants in mice. <i>Cell Reports</i> , 2021 , 36, 109452	20.6	25
72	An Outbreak of Ebola Virus Disease in the Lassa Fever Zone. <i>Journal of Infectious Diseases</i> , 2016 , 214, S110-S121	7	25
71	Analytical Validation of the ReEBOV Antigen Rapid Test for Point-of-Care Diagnosis of Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , 2016 , 214, S210-S217	7	25
70	Techniques and tactics used in determining the structure of the trimeric ebolavirus glycoprotein. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009 , 65, 1162-80		24
69	Structural Basis of Pan-Ebolavirus Neutralization by a Human Antibody against a Conserved, yet Cryptic Epitope. <i>MBio</i> , 2018 , 9,	7.8	24
68	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
67	Spiking Pandemic Potential: Structural and Immunological Aspects of SARS-CoV-2. <i>Trends in Microbiology</i> , 2020 , 28, 605-618	12.4	21
66	Structural basis of broad ebolavirus neutralization by a human survivor antibody. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 204-212	17.6	20
65	A cationic, C-terminal patch and structural rearrangements in Ebola virus matrix VP40 protein control its interactions with phosphatidylserine. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3335-3349	5.4	20

64	InVivo Delivery of Synthetic Human DNA-Encoded Monoclonal Antibodies Protect against Ebola Virus Infection in a Mouse Model. <i>Cell Reports</i> , 2018 , 25, 1982-1993.e4	10.6	20
63	Crystal Structure of the Oligomeric Form of Lassa Virus Matrix Protein Z. <i>Journal of Virology</i> , 2016 , 90, 4556-62	6.6	18
62	Lassa virus glycoprotein: stopping a moving target. <i>Current Opinion in Virology</i> , 2018 , 31, 52-58	7.5	18
61	Cross-reactive neutralizing human survivor monoclonal antibody BDBV223 targets the ebolavirus stalk. <i>Nature Communications</i> , 2019 , 10, 1788	17.4	17
60	Feverish Quest for Ebola Immunotherapy: Straight or Cocktail?. <i>Trends in Microbiology</i> , 2016 , 24, 684-686	12.4	17
59	Crystal structure of Marburg virus VP24. <i>Journal of Virology</i> , 2014 , 88, 5859-63	6.6	17
58	Convergent Structures Illuminate Features for Germline Antibody Binding and Pan-Lassa Virus Neutralization. <i>Cell</i> , 2019 , 178, 1004-1015.e14	56.2	16
57	Collaboration between the Fab and Fc contribute to maximal protection against SARS-CoV-2 in nonhuman primates following NVX-CoV2373 subunit vaccine with Matrix-M vaccination 2021 ,		16
56	Oxidation-sensitive polymersomes as vaccine nanocarriers enhance humoral responses against Lassa virus envelope glycoprotein. <i>Virology</i> , 2017 , 512, 161-171	3.6	15
55	Achieving cross-reactivity with pan-ebolavirus antibodies. <i>Current Opinion in Virology</i> , 2019 , 34, 140-148	7.5	15
54	Filovirus Structural Biology: The Molecules in the Machine. <i>Current Topics in Microbiology and Immunology</i> , 2017 , 411, 381-417	3.3	15
53	SnapShot: Enveloped Virus Entry. <i>Cell</i> , 2020 , 182, 786-786.e1	56.2	15
52	Early Human B Cell Response to Ebola Virus in Four U.S. Survivors of Infection. <i>Journal of Virology</i> , 2019 , 93,	6.6	13
51	Pan-Filovirus Serum Neutralizing Antibodies in a Subset of Congolese Ebola Virus Infection Survivors. <i>Journal of Infectious Diseases</i> , 2018 , 218, 1929-1936	7	13
50	Structural Characterization of Pan-Ebolavirus Antibody 6D6 Targeting the Fusion Peptide of the Surface Glycoprotein. <i>Journal of Infectious Diseases</i> , 2019 , 219, 415-419	7	12
49	The structural basis for filovirus neutralization by monoclonal antibodies. <i>Current Opinion in Immunology</i> , 2018 , 53, 196-202	7.8	12
48	mRNA-1273 and BNT162b2 COVID-19 vaccines elicit antibodies with differences in Fc-mediated effector functions.. <i>Science Translational Medicine</i> , 2022 , 14, eabm2311	17.5	11
47	Diverse Morphology and Structural Features of Old and New World Hantaviruses. <i>Viruses</i> , 2019 , 11,	6.2	10

46	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
45	Antibody therapy for Lassa fever. <i>Current Opinion in Virology</i> , 2019 , 37, 97-104	7.5	9
44	Structure of the Reston ebolavirus VP30 C-terminal domain. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014 , 70, 457-60	1.1	9
43	Ebola and Marburg virus matrix layers are locally ordered assemblies of VP40 dimers. <i>ELife</i> , 2020 , 9,	8.9	9
42	Structure-based design of a highly stable, covalently-linked SARS-CoV-2 spike trimer with improved structural properties and immunogenicity		9
41	Cryo-EM structure of the Ebola virus nucleoprotein-RNA complex. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019 , 75, 340-347	1.1	8
40	A Conserved Basic Patch and Central Kink in the Nipah Virus Phosphoprotein Multimerization Domain Are Essential for Polymerase Function. <i>Structure</i> , 2019 , 27, 660-668.e4	5.2	8
39	More than Meets the Eye: Hidden Structures in the Proteome. <i>Annual Review of Virology</i> , 2016 , 3, 373-386	4.6	8
38	Measles virus fusion shifts into gear. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 115-6	17.6	8
37	Subtle immunological differences in mRNA-1273 and BNT162b2 COVID-19 vaccine induced Fc-functional profiles 2021 ,		8
36	Stopping pandemics before they start: Lessons learned from SARS-CoV-2.. <i>Science</i> , 2022 , 375, 1133-1139	33.3	8
35	A Fc engineering approach to define functional humoral correlates of immunity against Ebola virus. <i>Immunity</i> , 2021 , 54, 815-828.e5	32.3	7
34	Asymmetric and non-stoichiometric glycoprotein recognition by two distinct antibodies results in broad protection against ebolaviruses.. <i>Cell</i> , 2022 , 185, 995-1007.e18	56.2	7
33	High-resolution Crystal Structure of Dimeric VP40 From Sudan ebolavirus. <i>Journal of Infectious Diseases</i> , 2015 , 212 Suppl 2, S167-71	7	6
32	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
31	Ebola vaccine-induced protection in nonhuman primates correlates with antibody specificity and Fc-mediated effects. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	6
30	Collaboration between the Fab and Fc contribute to maximal protection against SARS-CoV-2 following NVX-CoV2373 subunit vaccine with Matrix-M vaccination 2021 ,		6
29	A glimpse into immune responses evolving against Ebola virus. <i>Nature Medicine</i> , 2019 , 25, 1470-1471	50.5	5

28	Potent Antibody Protection against an Emerging Alphavirus Threat. <i>Cell</i> , 2015 , 163, 1053-1054	56.2	5
27	Antibody Repertoires to the Same Ebola Vaccine Antigen Are Differentially Affected by Vaccine Vectors. <i>Cell Reports</i> , 2018 , 24, 1816-1829	10.6	5
26	Cellular mRNA triggers structural transformation of Ebola virus matrix protein VP40 to its essential regulatory form. <i>Cell Reports</i> , 2021 , 35, 108986	10.6	5
25	Evidence for distinct mechanisms of small molecule inhibitors of filovirus entry. <i>PLoS Pathogens</i> , 2021 , 17, e1009312	7.6	5
24	Swift antibodies to counter emerging viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10082-3	11.5	4
23	Sudan Ebolavirus VP35-NP Crystal Structure Reveals a Potential Target for Pan-Filovirus Treatment. <i>MBio</i> , 2019 , 10,	7.8	4
22	Role of Non-local Interactions between CDR Loops in Binding Affinity of MR78 Antibody to Marburg Virus Glycoprotein. <i>Structure</i> , 2017 , 25, 1820-1828.e2	5.2	4
21	Prominent Neutralizing Antibody Response Targeting the Glycoprotein Subunit Interface Elicited by Immunization. <i>Journal of Virology</i> , 2021 ,	6.6	4
20	New Advances in the Effort against Ebola. <i>Cell Host and Microbe</i> , 2015 , 17, 545-7	23.4	3
19	Reporter Assays for Ebola Virus Nucleoprotein Oligomerization, Virion-Like Particle Budding, and Minigenome Activity Reveal the Importance of Nucleoprotein Amino Acid Position 111. <i>Viruses</i> , 2020 , 12,	6.2	3
18	How to turn competitors into collaborators. <i>Nature</i> , 2017 , 541, 283-285	50.4	3
17	Rapid discovery of diverse neutralizing SARS-CoV-2 antibodies from large-scale synthetic phage libraries.. <i>MAbs</i> , 2022 , 14, 2002236	6.6	2
16	Author response: Ebola and Marburg virus matrix layers are locally ordered assemblies of VP40 dimers 2020 ,		2
15	Delineating the mechanism of anti-Lassa virus GPC-A neutralizing antibodies. <i>Cell Reports</i> , 2022 , 39, 1108416	10.6	2
14	Enhanced IgG Hexamerization Mediates Efficient C1q Docking and Complement-Dependent Cytotoxicity; Preclinical Proof Of Concept On Primary CLL and Burkitt Lymphoma. <i>Blood</i> , 2013 , 122, 375-375	2.3	1
13	Structural Basis of Broad Ebolavirus Neutralization by a Human Survivor Antibody		1
12	Structure of the Ebola virus nucleoprotein RNA complex		1
11	Pan-ebolavirus serology study of healthcare workers in the Mbandaka Health Region, Democratic Republic of the Congo.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010167	4.8	1

10	Functional interactomes of the Ebola virus polymerase identified by proximity proteomics in the context of viral replication.. <i>Cell Reports</i> , 2022 , 38, 110544	10.6	1
9	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
8	Proteo-Genomic Analysis Identifies Two Major Sites of Vulnerability on Ebolavirus Glycoprotein for Neutralizing Antibodies in Convalescent Human Plasma. <i>Frontiers in Immunology</i> , 2021 , 12, 706757	8.4	0
7	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
6	Inducing broad-based immunity against viruses with pandemic potential.. <i>Immunity</i> , 2022 , 55, 738-748	32.3	0
5	A Manhattan Project against COVID.. <i>FASEB Journal</i> , 2022 , 36, e22117	0.9	
4	Single Amino Acid Substitutions Dramatically Shift Equilibria of Physiologically Relevant Alternate Protein Assemblies. <i>FASEB Journal</i> , 2019 , 33, 779.20	0.9	
3	Functional Studies of Ebola Virus Matrix Protein VP40. <i>FASEB Journal</i> , 2015 , 29, 886.3	0.9	
2	Novel attempts launched toward universal Sarbecovirus vaccine. <i>Cell Research</i> , 2021 , 31, 1226-1227	24.7	
1	Structure-based drug design. <i>IDrugs: the Investigational Drugs Journal</i> , 2002 , 5, 658-61		