

Andr s Finzi

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

10,217
citations

38660

50
h-index

49773

87
g-index

212
all docs

212
docs citations

212
times ranked

10796
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis for Broad and Potent Neutralization of HIV-1 by Antibody VRC01. <i>Science</i> , 2010, 329, 811-817.	6.0	1,050
2	mRNA vaccination boosts cross-variant neutralizing antibodies elicited by SARS-CoV-2 infection. <i>Science</i> , 2021, 372, 1413-1418.	6.0	468
3	Interaction with Cellular CD4 Exposes HIV-1 Envelope Epitopes Targeted by Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Journal of Virology</i> , 2014, 88, 2633-2644.	1.5	237
4	Unliganded HIV-1 gp120 core structures assume the CD4-bound conformation with regulation by quaternary interactions and variable loops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5663-5668.	3.3	222
5	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. <i>Nature Medicine</i> , 2021, 27, 2012-2024.	15.2	206
6	Cross-Sectional Evaluation of Humoral Responses against SARS-CoV-2 Spike. <i>Cell Reports Medicine</i> , 2020, 1, 100126.	3.3	200
7	Topological Layers in the HIV-1 gp120 Inner Domain Regulate gp41 Interaction and CD4-Triggered Conformational Transitions. <i>Molecular Cell</i> , 2010, 37, 656-667.	4.5	194
8	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , 2020, 11, .	1.8	186
9	HIV-1 Vpr-Mediated G2 Arrest Involves the DDB1-CUL4AVPRBP E3 Ubiquitin Ligase. <i>PLoS Pathogens</i> , 2007, 3, e85.	2.1	175
10	The HIV-1 gp120 CD4-Bound Conformation Is Preferentially Targeted by Antibody-Dependent Cellular Cytotoxicity-Mediating Antibodies in Sera from HIV-1-Infected Individuals. <i>Journal of Virology</i> , 2015, 89, 545-551.	1.5	173
11	A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T�cell responses. <i>Cell Host and Microbe</i> , 2021, 29, 1137-1150.e6.	5.1	173
12	Single-Cell Characterization of Viral Translation-Competent Reservoirs in HIV-Infected Individuals. <i>Cell Host and Microbe</i> , 2016, 20, 368-380.	5.1	170
13	Associating HIV-1 envelope glycoprotein structures with states on the virus observed by smFRET. <i>Nature</i> , 2019, 568, 415-419.	13.7	156
14	Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. <i>Immunity</i> , 2021, 54, 2143-2158.e15.	6.6	155
15	Resistance of Transmitted Founder HIV-1 to IFITM-Mediated Restriction. <i>Cell Host and Microbe</i> , 2016, 20, 429-442.	5.1	154
16	Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers. <i>Immunity</i> , 2019, 50, 241-252.e6.	6.6	153
17	Real-Time Conformational Dynamics of SARS-CoV-2 Spikes on Virus Particles. <i>Cell Host and Microbe</i> , 2020, 28, 880-891.e8.	5.1	153
18	A B-Box 2 Surface Patch Important for TRIM5� Self-Association, Capsid Binding Avidity, and Retrovirus Restriction. <i>Journal of Virology</i> , 2009, 83, 10737-10751.	1.5	145

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19	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset. <i>Cell Reports Medicine</i> , 2021, 2, 100290.	3.3	145
20	Macrophage Infection via Selective Capture of HIV-1-Infected CD4+ T Cells. <i>Cell Host and Microbe</i> , 2014, 16, 711-721.	5.1	143
21	Release of gp120 Restraints Leads to an Entry-Competent Intermediate State of the HIV-1 Envelope Glycoproteins. <i>MBio</i> , 2016, 7, .	1.8	131
22	Waning of SARS-CoV-2 RBD antibodies in longitudinal convalescent plasma samples within 4 months after symptom onset. <i>Blood</i> , 2020, 136, 2588-2591.	0.6	127
23	CD4 mimetics sensitize HIV-1-infected cells to ADCC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2687-94.	3.3	118
24	Crystal structures of trimeric HIV envelope with entry inhibitors BMS-378806 and BMS-626529. <i>Nature Chemical Biology</i> , 2017, 13, 1115-1122.	3.9	110
25	Molecular architecture of the uncleaved HIV-1 envelope glycoprotein trimer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12438-12443.	3.3	101
26	Productive Human Immunodeficiency Virus Type 1 Assembly Takes Place at the Plasma Membrane. <i>Journal of Virology</i> , 2007, 81, 7476-7490.	1.5	97
27	Structural basis and mode of action for two broadly neutralizing antibodies against SARS-CoV-2 emerging variants of concern. <i>Cell Reports</i> , 2022, 38, 110210.	2.9	96
28	Isolation and characterization of cross-neutralizing coronavirus antibodies from COVID-19+ subjects. <i>Cell Reports</i> , 2021, 36, 109353.	2.9	95
29	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2. <i>Cell Reports</i> , 2021, 34, 108790.	2.9	94
30	An Asymmetric Opening of HIV-1 Envelope Mediates Antibody-Dependent Cellular Cytotoxicity. <i>Cell Host and Microbe</i> , 2019, 25, 578-587.e5.	5.1	93
31	Altered differentiation is central to HIV-specific CD4+ T cell dysfunction in progressive disease. <i>Nature Immunology</i> , 2019, 20, 1059-1070.	7.0	84
32	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a 16-week interval between doses. <i>Cell Host and Microbe</i> , 2022, 30, 97-109.e5.	5.1	83
33	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. <i>MBio</i> , 2018, 9, .	1.8	82
34	A Fc-enhanced NTD-binding non-neutralizing antibody delays virus spread and synergizes with a nAb to protect mice from lethal SARS-CoV-2 infection. <i>Cell Reports</i> , 2022, 38, 110368.	2.9	82
35	Effect of HIV-1 Env on SERINC5 Antagonism. <i>Journal of Virology</i> , 2017, 91, .	1.5	81
36	A multiclade env-gag VLP mRNA vaccine elicits tier-2 HIV-1-neutralizing antibodies and reduces the risk of heterologous SHIV infection in macaques. <i>Nature Medicine</i> , 2021, 27, 2234-2245.	15.2	80

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37	The great escape? SARS-CoV-2 variants evading neutralizing responses. <i>Cell Host and Microbe</i> , 2021, 29, 322-324.	5.1	78
38	A broad HIV-1 inhibitor blocks envelope glycoprotein transitions critical for entry. <i>Nature Chemical Biology</i> , 2014, 10, 845-852.	3.9	77
39	Contribution of single mutations to selected SARS-CoV-2 emerging variants spike antigenicity. <i>Virology</i> , 2021, 563, 134-145.	1.1	74
40	Nef Proteins from HIV-1 Elite Controllers Are Inefficient at Preventing Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2016, 90, 2993-3002.	1.5	72
41	Role of CD4 Receptor Down-regulation During HIV-1 Infection. <i>Current HIV Research</i> , 2004, 2, 51-59.	0.2	71
42	A Highly Conserved Residue of the HIV-1 gp120 Inner Domain Is Important for Antibody-Dependent Cellular Cytotoxicity Responses Mediated by Anti-cluster A Antibodies. <i>Journal of Virology</i> , 2016, 90, 2127-2134.	1.5	69
43	Small CD4 Mimetics Prevent HIV-1 Uninfected Bystander CD4 + T Cell Killing Mediated by Antibody-dependent Cell-mediated Cytotoxicity. <i>EBioMedicine</i> , 2016, 3, 122-134.	2.7	67
44	Antibody-dependent cellular cytotoxicity in HIV infection. <i>Aids</i> , 2018, 32, 2439-2451.	1.0	67
45	Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses. <i>Cell Host and Microbe</i> , 2015, 18, 354-362.	5.1	66
46	The Conformational States of the HIV-1 Envelope Glycoproteins. <i>Trends in Microbiology</i> , 2020, 28, 655-667.	3.5	66
47	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. <i>EBioMedicine</i> , 2016, 12, 208-218.	2.7	65
48	A V3 Loop-Dependent gp120 Element Disrupted by CD4 Binding Stabilizes the Human Immunodeficiency Virus Envelope Glycoprotein Trimer. <i>Journal of Virology</i> , 2010, 84, 3147-3161.	1.5	64
49	Impact of HIV-1 Envelope Conformation on ADCC Responses. <i>Trends in Microbiology</i> , 2018, 26, 253-265.	3.5	64
50	Flow cytometry-based assay to study HIV-1 gp120 specific antibody-dependent cellular cytotoxicity responses. <i>Journal of Virological Methods</i> , 2014, 208, 107-114.	1.0	62
51	Transitions to and from the CD4-Bound Conformation Are Modulated by a Single-Residue Change in the Human Immunodeficiency Virus Type 1 gp120 Inner Domain. <i>Journal of Virology</i> , 2009, 83, 8364-8378.	1.5	57
52	Incomplete Downregulation of CD4 Expression Affects HIV-1 Env Conformation and Antibody-Dependent Cellular Cytotoxicity Responses. <i>Journal of Virology</i> , 2018, 92, .	1.5	56
53	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017, 12, 2029-2049.	5.5	55
54	Antibody-Dependent Cellular Cytotoxicity against Reactivated HIV-1-Infected Cells. <i>Journal of Virology</i> , 2016, 90, 2021-2030.	1.5	53

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55	Residues in the gp41 Ectodomain Regulate HIV-1 Envelope Glycoprotein Conformational Transitions Induced by gp120-Directed Inhibitors. <i>Journal of Virology</i> , 2017, 91, .	1.5	53
56	Effects of the I559P gp41 Change on the Conformation and Function of the Human Immunodeficiency Virus (HIV-1) Membrane Envelope Glycoprotein Trimer. <i>PLoS ONE</i> , 2015, 10, e0122111.	1.1	52
57	Influence of the Envelope gp120 Phe 43 Cavity on HIV-1 Sensitivity to Antibody-Dependent Cell-Mediated Cytotoxicity Responses. <i>Journal of Virology</i> , 2017, 91, .	1.5	52
58	Identification of a Human Immunodeficiency Virus Type 1 Envelope Glycoprotein Variant Resistant to Cold Inactivation. <i>Journal of Virology</i> , 2009, 83, 4476-4488.	1.5	50
59	Immune Checkpoint Blockade Restores HIV-Specific CD4 T Cell Help for NK Cells. <i>Journal of Immunology</i> , 2018, 201, 971-981.	0.4	50
60	SARS-CoV-2 Omicron Spike recognition by plasma from individuals receiving BNT162b2 mRNA vaccination with a 16-week interval between doses. <i>Cell Reports</i> , 2022, 38, 110429.	2.9	50
61	The Highly Conserved Layer-3 Component of the HIV-1 gp120 Inner Domain Is Critical for CD4-Required Conformational Transitions. <i>Journal of Virology</i> , 2013, 87, 2549-2562.	1.5	49
62	SARS-CoV-2 Variants Increase Kinetic Stability of Open Spike Conformations as an Evolutionary Strategy. <i>MBio</i> , 2022, 13, e0322721.	1.8	48
63	Covid-19 vaccine immunogenicity in people living with HIV-1. <i>Vaccine</i> , 2022, 40, 3633-3637.	1.7	47
64	Paring Down HIV Env: Design and Crystal Structure of a Stabilized Inner Domain of HIV-1 gp120 Displaying a Major ADCC Target of the A32 Region. <i>Structure</i> , 2016, 24, 697-709.	1.6	46
65	A CD4-mimetic compound enhances vaccine efficacy against stringent immunodeficiency virus challenge. <i>Nature Communications</i> , 2018, 9, 2363.	5.8	46
66	Two Families of Env Antibodies Efficiently Engage Fc-Gamma Receptors and Eliminate HIV-1-Infected Cells. <i>Journal of Virology</i> , 2019, 93, .	1.5	44
67	Conformational Masking and Receptor-Dependent Unmasking of Highly Conserved Env Epitopes Recognized by Non-Neutralizing Antibodies That Mediate Potent ADCC against HIV-1. <i>Viruses</i> , 2015, 7, 5115-5132.	1.5	42
68	Slaying the Trojan Horse: Natural Killer Cells Exhibit Robust Anti-HIV-1 Antibody-Dependent Activation and Cytolysis against Allogeneic T Cells. <i>Journal of Virology</i> , 2015, 89, 97-109.	1.5	42
69	Persistent expansion and Th1-like skewing of HIV-specific circulating T follicular helper cells during antiretroviral therapy. <i>EBioMedicine</i> , 2020, 54, 102727.	2.7	42
70	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , 2021, 297, 101151.	1.6	42
71	Role of HIV-1 Envelope Glycoproteins Conformation and Accessory Proteins on ADCC Responses. <i>Current HIV Research</i> , 2015, 14, 9-23.	0.2	42
72	Species-Specific Inhibition of Foamy Viruses from South American Monkeys by New World Monkey TRIM5 α Proteins. <i>Journal of Virology</i> , 2010, 84, 4095-4099.	1.5	41

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73	BST-2 Expression Modulates Small CD4-Mimetic Sensitization of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	40
74	Comparison of Uncleaved and Mature Human Immunodeficiency Virus Membrane Envelope Glycoprotein Trimers. <i>Journal of Virology</i> , 2018, 92, .	1.5	40
75	Envelope glycoproteins sampling states 2/3 are susceptible to ADCC by sera from HIV-1-infected individuals. <i>Virology</i> , 2018, 515, 38-45.	1.1	40
76	Short-term antibody response after 1 dose of BNT162b2 vaccine in patients receiving hemodialysis. <i>Cmaj</i> , 2021, 193, E793-E800.	0.9	40
77	The V3 Loop of HIV-1 Env Determines Viral Susceptibility to IFITM3 Impairment of Viral Infectivity. <i>Journal of Virology</i> , 2017, 91, .	1.5	37
78	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. <i>MBio</i> , 2020, 11, .	1.8	37
79	Conformational Evaluation of HIV-1 Trimeric Envelope Glycoproteins Using a Cell-based ELISA Assay. <i>Journal of Visualized Experiments</i> , 2014, , 51995.	0.2	36
80	Beyond Viral Neutralization. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 760-764.	0.5	36
81	Conformational characterization of aberrant disulfide-linked HIV-1 gp120 dimers secreted from overexpressing cells. <i>Journal of Virological Methods</i> , 2010, 168, 155-161.	1.0	35
82	Identification of HIV gp41-specific antibodies that mediate killing of infected cells. <i>PLoS Pathogens</i> , 2019, 15, e1007572.	2.1	35
83	Evaluation of a Commercial Culture-Free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison With an Antireceptor-Binding Domain Enzyme-Linked Immunosorbent Assay. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab220.	0.4	33
84	Antibody-Induced Internalization of HIV-1 Env Proteins Limits Surface Expression of the Closed Conformation of Env. <i>Journal of Virology</i> , 2019, 93, .	1.5	32
85	An Inducible Cell-Cell Fusion System with Integrated Ability to Measure the Efficiency and Specificity of HIV-1 Entry Inhibitors. <i>PLoS ONE</i> , 2011, 6, e26731.	1.1	32
86	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021, 7, eabj5629.	4.7	32
87	NKG2D Acts as a Co-Receptor for Natural Killer Cell-Mediated Anti-HIV-1 Antibody-Dependent Cellular Cytotoxicity. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 1089-1096.	0.5	31
88	Molecular basis for epitope recognition by non-neutralizing anti-gp41 antibody F240. <i>Scientific Reports</i> , 2016, 6, 36685.	1.6	31
89	Targeting the Late Stage of HIV-1 Entry for Antibody-Dependent Cellular Cytotoxicity: Structural Basis for Env Epitopes in the C11 Region. <i>Structure</i> , 2017, 25, 1719-1731.e4.	1.6	31
90	Adaptation of HIV-1 to cells expressing rhesus monkey TRIM5 α . <i>Virology</i> , 2010, 408, 204-212.	1.1	30

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91	Lineage-Specific Differences between Human and Simian Immunodeficiency Virus Regulation of gp120 Trimer Association and CD4 Binding. <i>Journal of Virology</i> , 2012, 86, 8974-8986.	1.5	30
92	Impaired Downregulation of NKG2D Ligands by Nef Proteins from Elite Controllers Sensitizes HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
93	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. <i>Journal of Virology</i> , 2019, 93, .	1.5	29
94	Interaction of Human ACE2 to Membrane-Bound SARS-CoV-1 and SARS-CoV-2 S Glycoproteins. <i>Viruses</i> , 2020, 12, 1104.	1.5	29
95	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. <i>Cell Host and Microbe</i> , 2021, 29, 904-916.e6.	5.1	29
96	HIV-1 Vpu Downregulates Tim-3 from the Surface of Infected CD4 ⁺ T Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	28
97	A new flow cytometry assay to measure antibody-dependent cellular cytotoxicity against SARS-CoV-2 Spike-expressing cells. <i>STAR Protocols</i> , 2021, 2, 100851.	0.5	28
98	Major Histocompatibility Complex Class II Molecules Promote Human Immunodeficiency Virus Type 1 Assembly and Budding to Late Endosomal/Multivesicular Body Compartments. <i>Journal of Virology</i> , 2006, 80, 9789-9797.	1.5	27
99	Engineered ACE2-Fc counters murine lethal SARS-CoV-2 infection through direct neutralization and Fc-effector activities. <i>Science Advances</i> , 2022, 8, .	4.7	27
100	Short Communication: Small-Molecule CD4 Mimetics Sensitize HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity by Antibodies Elicited by Multiple Envelope Glycoprotein Immunogens in Nonhuman Primates. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 428-431.	0.5	26
101	A New Family of Small-Molecule CD4-Mimetic Compounds Contacts Highly Conserved Aspartic Acid 368 of HIV-1 gp120 and Mediates Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2019, 93, .	1.5	26
102	Antibody Binding to SARS-CoV-2 S Glycoprotein Correlates with but Does Not Predict Neutralization. <i>Viruses</i> , 2020, 12, 1214.	1.5	26
103	Multicenter Evaluation of the Clinical Performance and the Neutralizing Antibody Activity Prediction Properties of 10 High-Throughput Serological Assays Used in Clinical Laboratories. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	25
104	Short Communication: Anti-HIV-1 Envelope Immunoglobulin Gs in Blood and Cervicovaginal Samples of Beninese Commercial Sex Workers. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 1145-1149.	0.5	24
105	SOSIP Changes Affect Human Immunodeficiency Virus Type 1 Envelope Glycoprotein Conformation and CD4 Engagement. <i>Journal of Virology</i> , 2018, 92, .	1.5	24
106	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	24
107	Histidine 375 Modulates CD4 Binding in HIV-1 CRF01_AE Envelope Glycoproteins. <i>Journal of Virology</i> , 2017, 91, .	1.5	23
108	VSV-Displayed HIV-1 Envelope Identifies Broadly Neutralizing Antibodies Class-Switched to IgG and IgA. <i>Cell Host and Microbe</i> , 2020, 27, 963-975.e5.	5.1	23

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109	Virus-Specific Effects of TRIM5 α RING Domain Functions on Restriction of Retroviruses. <i>Journal of Virology</i> , 2013, 87, 7234-7245.	1.5	21
110	HIV-1 gp120 dimers decrease the overall affinity of gp120 preparations for CD4-induced ligands. <i>Journal of Virological Methods</i> , 2015, 215-216, 37-44.	1.0	21
111	First Phase I human clinical trial of a killed whole-HIV-1 vaccine: demonstration of its safety and enhancement of anti-HIV antibody responses. <i>Retrovirology</i> , 2016, 13, 82.	0.9	21
112	CD4 receptor diversity in chimpanzees protects against SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3229-3238.	3.3	21
113	The HIV-1 gp120 Major Variable Regions Modulate Cold Inactivation. <i>Journal of Virology</i> , 2013, 87, 4103-4111.	1.5	20
114	Defining rules governing recognition and Fc-mediated effector functions to the HIV-1 co-receptor binding site. <i>BMC Biology</i> , 2020, 18, 91.	1.7	20
115	Two-step purification of His-tagged Nef protein in native condition using heparin and immobilized metal ion affinity chromatographies. <i>Journal of Virological Methods</i> , 2003, 111, 69-73.	1.0	19
116	Adoption of an "Open" Envelope Conformation Facilitating CD4 Binding and Structural Remodeling Precedes Coreceptor Switch in R5 SHIV-Infected Macaques. <i>PLoS ONE</i> , 2011, 6, e21350.	1.1	18
117	5 \times Rapid Amplification of cDNA Ends and Illumina MiSeq Reveals B Cell Receptor Features in Healthy Adults, Adults With Chronic HIV-1 Infection, Cord Blood, and Humanized Mice. <i>Frontiers in Immunology</i> , 2018, 9, 628.	2.2	18
118	Natural HIV-1 Nef Polymorphisms Impair SERINC5 Downregulation Activity. <i>Cell Reports</i> , 2019, 29, 1449-1457.e5.	2.9	18
119	SARS-CoV-2 seroprevalence among blood donors in Québec, and analysis of symptoms associated with seropositivity: a nested case-control study. <i>Canadian Journal of Public Health</i> , 2021, 112, 576-586.	1.1	18
120	Novel Acylguanidine-Based Inhibitor of HIV-1. <i>Journal of Virology</i> , 2016, 90, 9495-9508.	1.5	17
121	Antibody-Dependent Cellular Cytotoxicity-Competent Antibodies against HIV-1-Infected Cells in Plasma from HIV-Infected Subjects. <i>MBio</i> , 2019, 10, .	1.8	17
122	High-throughput detection of antibodies targeting the SARS-CoV-2 Spike in longitudinal convalescent plasma samples. <i>Transfusion</i> , 2021, 61, 1377-1382.	0.8	17
123	Evaluating Humoral Immunity against SARS-CoV-2: Validation of a Plaque-Reduction Neutralization Test and a Multilaboratory Comparison of Conventional and Surrogate Neutralization Assays. <i>Microbiology Spectrum</i> , 2021, 9, e0088621.	1.2	17
124	Evolution of Anti-RBD IgG Avidity following SARS-CoV-2 Infection. <i>Viruses</i> , 2022, 14, 532.	1.5	17
125	Upregulation of BST-2 by Type I Interferons Reduces the Capacity of Vpu To Protect HIV-1-Infected Cells from NK Cell Responses. <i>MBio</i> , 2019, 10, .	1.8	16
126	SARS-CoV-2 Spike Expression at the Surface of Infected Primary Human Airway Epithelial Cells. <i>Viruses</i> , 2022, 14, 5.	1.5	16

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127	A Highly Conserved gp120 Inner Domain Residue Modulates Env Conformation and Trimer Stability. <i>Journal of Virology</i> , 2016, 90, 8395-8409.	1.5	15
128	HIV-1 gp120 envelope glycoprotein determinants for cytokine burst in human monocytes. <i>PLoS ONE</i> , 2017, 12, e0174550.	1.1	15
129	Understudied Factors Influencing Fc-Mediated Immune Responses against Viral Infections. <i>Vaccines</i> , 2019, 7, 103.	2.1	15
130	Opening the HIV envelope: potential of CD4 mimics as multifunctional HIV entry inhibitors. <i>Current Opinion in HIV and AIDS</i> , 2020, 15, 300-308.	1.5	15
131	Immune Correlates of Disease Progression in Linked HIV-1 Infection. <i>Frontiers in Immunology</i> , 2019, 10, 1062.	2.2	14
132	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. <i>MSphere</i> , 2016, 1, .	1.3	12
133	Pharmacological Inhibition of PPAR α Boosts HIV Reactivation and Th17 Effector Functions, while Preventing Progeny Virion Release and <i>de novo</i> Infection. <i>Pathogens and Immunity</i> , 2020, 5, 177.	1.4	12
134	Antigenicity of the Mu (B.1.621) and A.2.5 SARS-CoV-2 Spikes. <i>Viruses</i> , 2022, 14, 144.	1.5	12
135	Contribution of the gp120 V3 loop to envelope glycoprotein trimer stability in primate immunodeficiency viruses. <i>Virology</i> , 2018, 521, 158-168.	1.1	11
136	CD4- and Time-Dependent Susceptibility of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2019, 93, .	1.5	11
137	Differential Pressures of SERINC5 and IFITM3 on HIV-1 Envelope Glycoprotein over the Course of HIV-1 Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	11
138	The HIV-1 accessory protein Nef increases surface expression of the checkpoint receptor Tim-3 in infected CD4 ⁺ T cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 101042.	1.6	11
139	B-cell cytopenia and time to last B-cell-depleting therapy predict response to SARS-COV-2 vaccines in patients with lymphoproliferative disorders. <i>Vaccine</i> , 2022, 40, 1203-1207.	1.7	11
140	Detection of the HIV-1 Accessory Proteins Nef and Vpu by Flow Cytometry Represents a New Tool to Study Their Functional Interplay within a Single Infected CD4 ⁺ T Cell. <i>Journal of Virology</i> , 2022, 96, jvi0192921.	1.5	10
141	SARS-CoV-2 Accessory Protein ORF8 Decreases Antibody-Dependent Cellular Cytotoxicity. <i>Viruses</i> , 2022, 14, 1237.	1.5	10
142	Effects of the SOS (A501C/T605C) and DS (I201C/A433C) Disulfide Bonds on HIV-1 Membrane Envelope Glycoprotein Conformation and Function. <i>Journal of Virology</i> , 2019, 93, .	1.5	9
143	Stabilizing the HIV-1 Envelope Glycoprotein State 2A Conformation. <i>Journal of Virology</i> , 2021, 95, .	1.5	9
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