

Andrs Finzi

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175
papers

6,280
citations

42
h-index

73
g-index

212
ext. papers

8,040
ext. citations

8.9
avg, IF

5.99
L-index

#	Paper	IF	Citations
175	Structural basis for broad and potent neutralization of HIV-1 by antibody VRC01. <i>Science</i> , 2010 , 329, 811-7	32.2	874
174	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, 5663-8	11.2	199
173	Interaction with cellular CD4 exposes HIV-1 envelope epitopes targeted by antibody-dependent cell-mediated cytotoxicity. <i>Journal of Virology</i> , 2014 , 88, 2633-44	6.3	186
172	Topological layers in the HIV-1 gp120 inner domain regulate gp41 interaction and CD4-triggered conformational transitions. <i>Molecular Cell</i> , 2010 , 37, 656-67	17	164
171	HIV-1 Vpr-mediated G2 arrest involves the DDB1-CUL4AVPRBP E3 ubiquitin ligase. <i>PLoS Pathogens</i> , 2007 , 3, e85	7.4	151
170	Cross-Sectional Evaluation of Humoral Responses against SARS-CoV-2 Spike. <i>Cell Reports Medicine</i> , 2020 , 1, 100126	17.5	130
169	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, 545-51	6.3	129
168	A B-box 2 surface patch important for TRIM5alpha self-association, capsid binding avidity, and retrovirus restriction. <i>Journal of Virology</i> , 2009 , 83, 10737-51	6.3	124
167	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , 2020 , 11,	7.6	115
166	Resistance of Transmitted Founder HIV-1 to IFITM-Mediated Restriction. <i>Cell Host and Microbe</i> , 2016 , 20, 429-442	22.9	115
165	Single-Cell Characterization of Viral Translation-Competent Reservoirs in HIV-Infected Individuals. <i>Cell Host and Microbe</i> , 2016 , 20, 368-380	22.9	115
164	Macrophage infection via selective capture of HIV-1-infected CD4+ T cells. <i>Cell Host and Microbe</i> , 2014 , 16, 711-21	22.9	112
163	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	31.5	94
162	Release of gp120 Restraints Leads to an Entry-Competent Intermediate State of the HIV-1 Envelope Glycoproteins. <i>MBio</i> , 2016 , 7,	7.6	91
161	Associating HIV-1 envelope glycoprotein structures with states on the virus observed by smFRET. <i>Nature</i> , 2019 , 568, 415-419	47.5	92
160	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	11.2	92
159	Productive human immunodeficiency virus type 1 assembly takes place at the plasma membrane. <i>Journal of Virology</i> , 2007 , 81, 7476-90	6.3	86

158	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, 12438-43	11.2	84
157	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	2.1	76
156	Crystal structures of trimeric HIV envelope with entry inhibitors BMS-378806 and BMS-626529. <i>Nature Chemical Biology</i> , 2017 , 13, 1115-1122	11.3	72
155	Real-Time Conformational Dynamics of SARS-CoV-2 Spikes on Virus Particles. <i>Cell Host and Microbe</i> , 2020 , 28, 880-891.e8	22.9	66
154	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	17.5	65
153	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	22.9	65
152	An Asymmetric Opening of HIV-1 Envelope Mediates Antibody-Dependent Cellular Cytotoxicity. <i>Cell Host and Microbe</i> , 2019 , 25, 578-587.e5	22.9	58
151	Role of CD4 receptor down-regulation during HIV-1 infection. <i>Current HIV Research</i> , 2004 , 2, 51-9	1.3	59
150	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, 3147-61	6.3	57
149	Uninfected Bystander Cells Impact the Measurement of HIV-Specific Antibody-Dependent Cellular Cytotoxicity Responses. <i>MBio</i> , 2018 , 9,	7.6	57
148	Effect of HIV-1 Env on SERINC5 Antagonism. <i>Journal of Virology</i> , 2017 , 91,	6.3	54
147	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, 2127-34	6.3	54
146	Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses. <i>Cell Host and Microbe</i> , 2015 , 18, 354-62	22.9	53
145	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	8.6	54
144	Flow cytometry-based assay to study HIV-1 gp120 specific antibody-dependent cellular cytotoxicity responses. <i>Journal of Virological Methods</i> , 2014 , 208, 107-14	2.5	54
143	A broad HIV-1 inhibitor blocks envelope glycoprotein transitions critical for entry. <i>Nature Chemical Biology</i> , 2014 , 10, 845-52	11.3	52
142	Nef Proteins from HIV-1 Elite Controllers Are Inefficient at Preventing Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2015 , 90, 2993-3002	6.3	51
141	The great escape? SARS-CoV-2 variants evading neutralizing responses. <i>Cell Host and Microbe</i> , 2021 , 29, 322-324	22.9	45

140	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, 8364-78	6.3	47
139	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	8.6	46
138	Altered differentiation is central to HIV-specific CD4 T cell dysfunction in progressive disease. <i>Nature Immunology</i> , 2019 , 20, 1059-1070	18.5	45
137	Impact of HIV-1 Envelope Conformation on ADCC Responses. <i>Trends in Microbiology</i> , 2018 , 26, 253-265	12	44
136	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, 2549-62	6.3	44
135	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2. <i>Cell Reports</i> , 2021 , 34, 108790	10.3	45
134	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. <i>Nature Medicine</i> , 2021 , 27, 2012-2024	49.4	44
133	Identification of a human immunodeficiency virus type 1 envelope glycoprotein variant resistant to cold inactivation. <i>Journal of Virology</i> , 2009 , 83, 4476-88	6.3	41
132	Isolation and characterization of cross-neutralizing coronavirus antibodies from COVID-19+ subjects. <i>Cell Reports</i> , 2021 , 36, 109353	10.3	41
131	Species-specific inhibition of foamy viruses from South American monkeys by New World Monkey TRIM5{alpha} proteins. <i>Journal of Virology</i> , 2010 , 84, 4095-9	6.3	39
130	Antibody-Dependent Cellular Cytotoxicity against Reactivated HIV-1-Infected Cells. <i>Journal of Virology</i> , 2016 , 90, 2021-30	6.3	39
129	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	3.6	37
128	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	6.3	37
127	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, 5115-32	5.9	36
126	Residues in the gp41 Ectodomain Regulate HIV-1 Envelope Glycoprotein Conformational Transitions Induced by gp120-Directed Inhibitors. <i>Journal of Virology</i> , 2017 , 91,	6.3	36
125	Immune Checkpoint Blockade Restores HIV-Specific CD4 T Cell Help for NK Cells. <i>Journal of Immunology</i> , 2018 , 201, 971-981	5.2	35
124	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	5	35
123	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017 , 12, 2029-2049	18.1	35

122	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	31.5	35
121	Incomplete Downregulation of CD4 Expression Affects HIV-1 Env Conformation and Antibody-Dependent Cellular Cytotoxicity Responses. <i>Journal of Virology</i> , 2018 , 92,	6.3	34
120	Conformational evaluation of HIV-1 trimeric envelope glycoproteins using a cell-based ELISA assay. <i>Journal of Visualized Experiments</i> , 2014 , 51995	1.5	33
119	Conformational characterization of aberrant disulfide-linked HIV-1 gp120 dimers secreted from overexpressing cells. <i>Journal of Virological Methods</i> , 2010 , 168, 155-61	2.5	34
118	The V3 Loop of HIV-1 Env Determines Viral Susceptibility to IFITM3 Impairment of Viral Infectivity. <i>Journal of Virology</i> , 2017 , 91,	6.3	32
117	Role of HIV-1 Envelope Glycoproteins Conformation and Accessory Proteins on ADCC Responses. <i>Current HIV Research</i> , 2016 , 14, 9-23	1.3	32
116	Two Families of Env Antibodies Efficiently Engage Fc-Gamma Receptors and Eliminate HIV-1-Infected Cells. <i>Journal of Virology</i> , 2019 , 93,	6.3	31
115	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,	6.3	30
114	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,	6.3	30
113	The Conformational States of the HIV-1 Envelope Glycoproteins. <i>Trends in Microbiology</i> , 2020 , 28, 655-667		27
112	Envelope glycoproteins sampling states 2/3 are susceptible to ADCC by sera from HIV-1-infected individuals. <i>Virology</i> , 2018 , 515, 38-45	3.5	28
111	Lineage-specific differences between human and simian immunodeficiency virus regulation of gp120 trimer association and CD4 binding. <i>Journal of Virology</i> , 2012 , 86, 8974-86	6.3	25
110	Adaptation of HIV-1 to cells expressing rhesus monkey TRIM5 α <i>Virology</i> , 2010 , 408, 204-12	3.5	27
109	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	5	27
108	Comparison of Uncleaved and Mature Human Immunodeficiency Virus Membrane Envelope Glycoprotein Trimers. <i>Journal of Virology</i> , 2018 , 92,	6.3	24
107	A CD4-mimetic compound enhances vaccine efficacy against stringent immunodeficiency virus challenge. <i>Nature Communications</i> , 2018 , 9, 2363	16.9	26
106	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, 9789-97	6.3	24
105	Antibody-Induced Internalization of HIV-1 Env Proteins Limits Surface Expression of the Closed Conformation of Env. <i>Journal of Virology</i> , 2019 , 93,	6.3	23

104	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	1.5	25
103	Beyond Viral Neutralization. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 760-764	1.5	23
102	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	3.6	23
101	Contribution of single mutations to selected SARS-CoV-2 emerging variants spike antigenicity. <i>Virology</i> , 2021 , 563, 134-145	3.5	25
100	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,	6.3	23
99	Short-term antibody response after 1 dose of BNT162b2 vaccine in patients receiving hemodialysis. <i>Cmaj</i> , 2021 , 193, E793-E800	3.4	21
98	Structural basis and mode of action for two broadly neutralizing antibodies against SARS-CoV-2 emerging variants of concern.. <i>Cell Reports</i> , 2021 , 110210	10.3	20
97	Identification of HIV gp41-specific antibodies that mediate killing of infected cells. <i>PLoS Pathogens</i> , 2019 , 15, e1007572	7.4	20
96	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, 1145-9	1.5	21
95	Virus-specific effects of TRIM5(Th) RING domain functions on restriction of retroviruses. <i>Journal of Virology</i> , 2013 , 87, 7234-45	6.3	19
94	Antibody Binding to SARS-CoV-2 S Glycoprotein Correlates with but Does Not Predict Neutralization. <i>Viruses</i> , 2020 , 12,	5.9	19
93	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	3.6	18
92	Persistent expansion and Th1-like skewing of HIV-specific circulating T follicular helper cells during antiretroviral therapy. <i>EBioMedicine</i> , 2020 , 54, 102727	8.6	18
91	A single BNT162b2 mRNA dose elicits antibodies with Fc-mediated effector functions and boost pre-existing humoral and T cell responses 2021 ,		18
90	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	2.5	18
89	Molecular basis for epitope recognition by non-neutralizing anti-gp41 antibody F240. <i>Scientific Reports</i> , 2016 , 6, 36685	4.7	17
88	SOSIP Changes Affect Human Immunodeficiency Virus Type 1 Envelope Glycoprotein Conformation and CD4 Engagement. <i>Journal of Virology</i> , 2018 , 92,	6.3	17
87	The HIV-1 gp120 major variable regions modulate cold inactivation. <i>Journal of Virology</i> , 2013 , 87, 4103-16.3		17

86	Interaction of Human ACE2 to Membrane-Bound SARS-CoV-1 and SARS-CoV-2 S Glycoproteins. <i>Viruses</i> , 2020 , 12,	5.9	17
85	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	2.5	16
84	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	3.4	16
83	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	22.9	15
82	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. <i>Journal of Virology</i> , 2019 , 93,	6.3	14
81	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	1.5	14
80	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,	9.5	14
79	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	0.9	14
78	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset 2021 ,		14
77	Natural HIV-1 Nef Polymorphisms Impair SERINC5 Downregulation Activity. <i>Cell Reports</i> , 2019 , 29, 1449-1457.e53		
76	A Highly Conserved gp120 Inner Domain Residue Modulates Env Conformation and Trimer Stability. <i>Journal of Virology</i> , 2016 , 90, 8395-409	6.3	13
75	High-throughput detection of antibodies targeting the SARS-CoV-2 Spike in longitudinal convalescent plasma samples. <i>Transfusion</i> , 2021 , 61, 1377-1382	2.8	13
74	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> , 2021 ,	22.9	15
73	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	11.2	12
72	The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site. <i>MBio</i> , 2020 , 11,	7.6	12
71	Histidine 375 Modulates CD4 Binding in HIV-1 CRF01_AE Envelope Glycoproteins. <i>Journal of Virology</i> , 2017 , 91,	6.3	12
70	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,	6.3	11
69	5' 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	8.2	12

68	Novel Acylguanidine-Based Inhibitor of HIV-1. <i>Journal of Virology</i> , 2016 , 90, 9495-508	6.3	12
67	HIV-1 Vpu Downregulates Tim-3 from the Surface of Infected CD4 T Cells. <i>Journal of Virology</i> , 2020 , 94,	6.3	10
66	Live Imaging of SARS-CoV-2 Infection in Mice Reveals Neutralizing Antibodies Require Fc Function for Optimal Efficacy 2021 ,		9
65	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 ,	49.4	11
64	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101151	5.1	10
63	CD4- and Time-Dependent Susceptibility of HIV-1-Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Virology</i> , 2019 , 93,	6.3	9
62	Antibody-Dependent Cellular Cytotoxicity-Competent Antibodies against HIV-1-Infected Cells in Plasma from HIV-Infected Subjects. <i>MBio</i> , 2019 , 10,	7.6	9
61	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	3.1	9
60	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. <i>MSphere</i> , 2016 , 1,	4.9	8
59	Understudied Factors Influencing Fc-Mediated Immune Responses against Viral Infections. <i>Vaccines</i> , 2019 , 7,	5.1	9
58	Immune Correlates of Disease Progression in Linked HIV-1 Infection. <i>Frontiers in Immunology</i> , 2019 , 10, 1062	8.2	8
57	Contribution of the gp120 V3 loop to envelope glycoprotein trimer stability in primate immunodeficiency viruses. <i>Virology</i> , 2018 , 521, 158-168	3.5	8
56	Identification of interdependent variables that influence coreceptor switch in R5 SHIV(SF162P3N)-infected macaques. <i>Retrovirology</i> , 2012 , 9, 106	3.4	8
55	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 , 110368	10.3	7
54	Real-time conformational dynamics of SARS-CoV-2 spikes on virus particles 2020 ,		8
53	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2		8
52	Defining rules governing recognition and Fc-mediated effector functions to the HIV-1 co-receptor binding site. <i>BMC Biology</i> , 2020 , 18, 91	7	7
51	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021 , 7, eabj5629	13.9	7

50	HIV-1 gp120 envelope glycoprotein determinants for cytokine burst in human monocytes. <i>PLoS ONE</i> , 2017 , 12, e0174550	3.6	6
49	Lineage-Specific Differences between the gp120 Inner Domain Layer 3 of Human Immunodeficiency Virus and That of Simian Immunodeficiency Virus. <i>Journal of Virology</i> , 2016 , 90, 10065-10073	6.3	6
48	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.4	6
47	Major histocompatibility complex class-II molecules promote targeting of human immunodeficiency virus type 1 virions in late endosomes by enhancing internalization of nascent particles from the plasma membrane. <i>Cellular Microbiology</i> , 2013 , 15, 809-22	3.8	5
46	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	4.1	5
45	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,	6.3	5
44	Covid-19 vaccine immunogenicity in people living with HIV-1		5
43	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality		5
42	Unlocking HIV-1 Env: implications for antibody attack. <i>AIDS Research and Therapy</i> , 2017 , 14, 42	2.9	5
41	HIV-1 Adapts To Replicate in Cells Expressing Common Marmoset APOBEC3G and BST2. <i>Journal of Virology</i> , 2016 , 90, 725-40	6.3	4
40	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,	7.6	4
39	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,	6.3	4
38	Optimization of Small Molecules That Sensitize HIV-1 Infected Cells to Antibody-Dependent Cellular Cytotoxicity. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 371-378	4.1	4
37	Isolation and Characterization of Cross-Neutralizing Coronavirus Antibodies from COVID-19+ Subjects. <i>SSRN Electronic Journal</i> ,	1	4
36	Structural Basis and Mode of Action for Two Broadly Neutralizing Antibodies Against SARS-CoV-2 Emerging Variants of Concern 2021 ,		4
35	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a sixteen-week interval between doses		5
34	An anti-SARS-CoV-2 non-neutralizing antibody with Fc-effector function defines a new NTD epitope and delays neuroinvasion and death in K18-hACE2 mice		4
33	Stabilizing the HIV-1 envelope glycoprotein State 2A conformation. <i>Journal of Virology</i> , 2020 ,	6.3	4

32	Isolation and Characterization of Cross-Neutralizing Coronavirus Antibodies from COVID-19+ Subjects 2021 ,		4
31	Pharmacological Inhibition of PPAR γ Boosts HIV Reactivation and Th17 Effector Functions, While Preventing Progeny Virion Release and de Infection. <i>Pathogens and Immunity</i> , 2020 , 5, 177-239	4.4	4
30	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	10.3	5
29	High-throughput detection of antibodies targeting the SARS-CoV-2 Spike in longitudinal convalescent plasma samples		4
28	Blocking HIV-1 replication: are Fc-Fc γ receptor interactions required?. <i>Journal of Clinical Investigation</i> , 2019 , 129, 53-54	15.4	4
27	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	1.3	4
26	Elicitation of Cluster A and Co-Receptor Binding Site Antibodies are Required to Eliminate HIV-1 Infected Cells. <i>Microorganisms</i> , 2020 , 8,	4.8	3
25	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. <i>Cell Host and Microbe</i> , 2021 , 29, 904-916.e6	22.9	4
24	Contribution of single mutations to selected SARS-CoV-2 emerging variants Spike antigenicity		3
23	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	5.1	3
22	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 , e0088621	8.4	3
21	SARS-CoV-2 Spike Expression at the Surface of Infected Primary Human Airway Epithelial Cells.. <i>Viruses</i> , 2021 , 14,	5.9	3
20	Antibody binding to SARS-CoV-2 S glycoprotein correlates with, but does not predict neutralization 2020 ,		2
19	Evaluation of a Commercial Culture-free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison with an Anti-RBD ELISA Assay		3
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14	Convalescent plasma for hospitalized patients with COVID-19 and the effect of plasma antibodies: a randomized controlled, open-label trial		1
13	Enhanced Ability of Plant-Derived PGT121 Glycovariants To Eliminate HIV-1-Infected Cells. <i>Journal of Virology</i> , 2021 , 95, e0079621	6.3	1
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