

Unaids And Niaid Networks For Hiv Isolation And Characterization

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88
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#	Paper	IF	Citations
166	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
165	Developmental pathway for potent V1V2-directed HIV-neutralizing antibodies. <i>Nature</i> , 2014 , 509, 55-62	50.4	537
164	The neutralization breadth of HIV-1 develops incrementally over four years and is associated with CD4+ T cell decline and high viral load during acute infection. <i>Journal of Virology</i> , 2011 , 85, 4828-40	6.6	348
163	Genetic and neutralization properties of subtype C human immunodeficiency virus type 1 molecular env clones from acute and early heterosexually acquired infections in Southern Africa. <i>Journal of Virology</i> , 2006 , 80, 11776-90	6.6	311
162	Genital inflammation and the risk of HIV acquisition in women. <i>Clinical Infectious Diseases</i> , 2015 , 61, 260-9	11.6	239
161	Evolution of an HIV glycan-dependent broadly neutralizing antibody epitope through immune escape. <i>Nature Medicine</i> , 2012 , 18, 1688-92	50.5	234
160	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization.. <i>Nature</i> , 2021 ,	50.4	209
159	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
158	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
157	Limited neutralizing antibody specificities drive neutralization escape in early HIV-1 subtype C infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000598	7.6	184
156	Dual HIV-1 infection associated with rapid disease progression. <i>Lancet, The</i> , 2004 , 363, 619-22	40	163
155	Viral variants that initiate and drive maturation of V1V2-directed HIV-1 broadly neutralizing antibodies. <i>Nature Medicine</i> , 2015 , 21, 1332-6	50.5	154
154	Establishing a cohort at high risk of HIV infection in South Africa: challenges and experiences of the CAPRISA 002 acute infection study. <i>PLoS ONE</i> , 2008 , 3, e1954	3.7	150
153	Viral escape from HIV-1 neutralizing antibodies drives increased plasma neutralization breadth through sequential recognition of multiple epitopes and immunotypes. <i>PLoS Pathogens</i> , 2013 , 9, e1003738	7.6	147
152	Plasma cytokine levels during acute HIV-1 infection predict HIV disease progression. <i>Aids</i> , 2010 , 24, 819-31	3.5	146
151	Vertical T cell immunodominance and epitope entropy determine HIV-1 escape. <i>Journal of Clinical Investigation</i> , 2013 , 123, 380-93	15.9	141
150	Global and regional molecular epidemiology of HIV-1, 1990-2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 143-155	25.5	135

149	The c3-v4 region is a major target of autologous neutralizing antibodies in human immunodeficiency virus type 1 subtype C infection. <i>Journal of Virology</i> , 2008 , 82, 1860-9	6.6	132
148	Symptomatic vaginal discharge is a poor predictor of sexually transmitted infections and genital tract inflammation in high-risk women in South Africa. <i>Journal of Infectious Diseases</i> , 2012 , 206, 6-14	7	131
147	Potent and broad neutralization of HIV-1 subtype C by plasma antibodies targeting a quaternary epitope including residues in the V2 loop. <i>Journal of Virology</i> , 2011 , 85, 3128-41	6.6	128
146	CD8 T-cell recognition of multiple epitopes within specific Gag regions is associated with maintenance of a low steady-state viremia in human immunodeficiency virus type 1-seropositive patients. <i>Journal of Virology</i> , 2007 , 81, 2440-8	6.6	126
145	Transmission of HIV-1 CTL escape variants provides HLA-mismatched recipients with a survival advantage. <i>PLoS Pathogens</i> , 2008 , 4, e1000033	7.6	118
144	Defining genital tract cytokine signatures of sexually transmitted infections and bacterial vaginosis in women at high risk of HIV infection: a cross-sectional study. <i>Sexually Transmitted Infections</i> , 2014 , 90, 580-7	2.8	112
143	Optimal Combinations of Broadly Neutralizing Antibodies for Prevention and Treatment of HIV-1 Clade C Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005520	7.6	106
142	Regional clustering of shared neutralization determinants on primary isolates of clade C human immunodeficiency virus type 1 from South Africa. <i>Journal of Virology</i> , 2002 , 76, 2233-44	6.6	105
141	Characterization and selection of HIV-1 subtype C isolates for use in vaccine development. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 133-44	1.6	103
140	An association between HIV-1 subtypes and mode of transmission in Cape Town, South Africa. <i>Aids</i> , 1997 , 11, 81-7	3.5	98
139	Incidence of HIV-1 dual infection and its association with increased viral load set point in a cohort of HIV-1 subtype C-infected female sex workers. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1355-9	7	98
138	Comparison of viral Env proteins from acute and chronic infections with subtype C human immunodeficiency virus type 1 identifies differences in glycosylation and CCR5 utilization and suggests a new strategy for immunogen design. <i>Journal of Virology</i> , 2013 , 87, 7218-33	6.6	93
137	Alphavirus replicon particles as candidate HIV vaccines. <i>IUBMB Life</i> , 2002 , 53, 209-11	4.7	82
136	Two Randomized Trials of Neutralizing Antibodies to Prevent HIV-1 Acquisition. <i>New England Journal of Medicine</i> , 2021 , 384, 1003-1014	59.2	77
135	Association of HIV-specific and total CD8+ T memory phenotypes in subtype C HIV-1 infection with viral set point. <i>Journal of Immunology</i> , 2009 , 182, 4751-61	5.3	68
134	The replication-competent HIV-1 latent reservoir is primarily established near the time of therapy initiation. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	66
133	Virological features associated with the development of broadly neutralizing antibodies to HIV-1. <i>Trends in Microbiology</i> , 2015 , 23, 204-11	12.4	63
132	Cross-Reactive Neutralizing Antibody Responses Elicited by SARS-CoV-2 501Y.V2 (B.1.351). <i>New England Journal of Medicine</i> , 2021 , 384, 2161-2163	59.2	63

131	Integrin α expression on peripheral blood CD4 T cells predicts HIV acquisition and disease progression outcomes. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	62
130	Genital tract inflammation during early HIV-1 infection predicts higher plasma viral load set point in women. <i>Journal of Infectious Diseases</i> , 2012 , 205, 194-203	7	62
129	Features of Recently Transmitted HIV-1 Clade C Viruses that Impact Antibody Recognition: Implications for Active and Passive Immunization. <i>PLoS Pathogens</i> , 2016 , 12, e1005742	7.6	61
128	Relationship between levels of inflammatory cytokines in the genital tract and CD4+ cell counts in women with acute HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2008 , 198, 710-4	7	60
127	Impact of clade, geography, and age of the epidemic on HIV-1 neutralization by antibodies. <i>Journal of Virology</i> , 2014 , 88, 12623-43	6.6	59
126	Multiple pathways of escape from HIV broadly cross-neutralizing V2-dependent antibodies. <i>Journal of Virology</i> , 2013 , 87, 4882-94	6.6	55
125	Human immunodeficiency virus-specific gamma interferon enzyme-linked immunospot assay responses targeting specific regions of the proteome during primary subtype C infection are poor predictors of the course of viremia and set point. <i>Journal of Virology</i> , 2009 , 83, 470-8	6.6	54
124	Characterization of full-length HIV type 1 subtype C sequences from South Africa. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1527-31	1.6	52
123	The HIV-1 epidemic: low- to middle-income countries. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012 , 2, a007187	5.4	51
122	Design and preclinical evaluation of a multigene human immunodeficiency virus type 1 subtype C DNA vaccine for clinical trial. <i>Journal of General Virology</i> , 2006 , 87, 399-410	4.9	44
121	Genetic characteristics of HIV-1 subtype C envelopes inducing cross-neutralizing antibodies. <i>Virology</i> , 2007 , 368, 172-81	3.6	42
120	HIV-1 subtypes in different risk groups in South Africa. <i>Lancet, The</i> , 1995 , 346, 782	40	38
119	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021 , 29, 1611-1619.e5	23.4	38
118	Construction, characterization, and immunogenicity of a multigene modified vaccinia Ankara (MVA) vaccine based on HIV type 1 subtype C. <i>AIDS Research and Human Retroviruses</i> , 2008 , 24, 195-206	1.6	36
117	Rapid disease progression in HIV-1 subtype C-infected South African women. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1322-31	11.6	35
116	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021 , 374, 423-431	33.3	35
115	Allelic frequencies of host genetic variants influencing susceptibility to HIV-1 infection and disease in South African populations. <i>Aids</i> , 2000 , 14, 449-51	3.5	34
114	A multivalent clade C HIV-1 Env trimer cocktail elicits a higher magnitude of neutralizing antibodies than any individual component. <i>Journal of Virology</i> , 2015 , 89, 2507-19	6.6	33

113	Broad, high-magnitude and multifunctional CD4+ and CD8+ T-cell responses elicited by a DNA and modified vaccinia Ankara vaccine containing human immunodeficiency virus type 1 subtype C genes in baboons. <i>Journal of General Virology</i> , 2009 , 90, 468-480	4.9	33
112	Enrolling adolescents in research on HIV and other sensitive issues: lessons from South Africa. <i>PLoS Medicine</i> , 2006 , 3, e180	11.6	33
111	Differential impact of magnitude, polyfunctional capacity, and specificity of HIV-specific CD8+ T cell responses on HIV set point. <i>Journal of Virology</i> , 2014 , 88, 1819-24	6.6	32
110	Combined single-clade candidate HIV-1 vaccines induce T cell responses limited by multiple forms of in vivo immune interference. <i>European Journal of Immunology</i> , 2007 , 37, 566-77	6.1	31
109	Human immunodeficiency virus type 1 subtype C Gag virus-like particle boost substantially improves the immune response to a subtype C gag DNA vaccine in mice. <i>Journal of General Virology</i> , 2004 , 85, 409-413	4.9	31
108	Structure and Recognition of a Novel HIV-1 gp120-gp41 Interface Antibody that Caused MPER Exposure through Viral Escape. <i>PLoS Pathogens</i> , 2017 , 13, e1006074	7.6	30
107	Cervicovaginal Inflammation Facilitates Acquisition of Less Infectious HIV Variants. <i>Clinical Infectious Diseases</i> , 2017 , 64, 79-82	11.6	28
106	HIV-1 Subtype A, D, G, AG and unclassified sequences identified in South Africa. <i>AIDS Research and Human Retroviruses</i> , 2002 , 18, 681-3	1.6	28
105	Reverse transcription and subsequent DNA amplification of rubella virus RNA. <i>Journal of Virological Methods</i> , 1989 , 25, 21-9	2.6	27
104	Case report: mechanisms of HIV elite control in two African women. <i>BMC Infectious Diseases</i> , 2018 , 18, 54	4	26
103	Cooperation between Strain-Specific and Broadly Neutralizing Responses Limited Viral Escape and Prolonged the Exposure of the Broadly Neutralizing Epitope. <i>Journal of Virology</i> , 2017 , 91,	6.6	26
102	A prime-boost immunisation regimen using recombinant BCG and Pr55(gag) virus-like particle vaccines based on HIV type 1 subtype C successfully elicits Gag-specific responses in baboons. <i>Vaccine</i> , 2009 , 27, 4857-66	4.1	26
101	The complex challenges of HIV vaccine development require renewed and expanded global commitment. <i>Lancet, The</i> , 2020 , 395, 384-388	40	26
100	Generation and evaluation of clade C simian-human immunodeficiency virus challenge stocks. <i>Journal of Virology</i> , 2015 , 89, 1965-74	6.6	25
99	Longer-Term Outcomes of HIV-Positive-to-HIV-Positive Renal Transplantation. <i>New England Journal of Medicine</i> , 2019 , 381, 1387-1389	59.2	24
98	Multiple HIV-1 infections with evidence of recombination in heterosexual partnerships in a low risk Rural Clinical Cohort in Uganda. <i>Virology</i> , 2011 , 411, 113-31	3.6	24
97	Viral dynamics and CD4+ T cell counts in subtype C human immunodeficiency virus type 1-infected individuals from southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2005 , 21, 285-91	1.6	24
96	HIV molecular epidemiology: transmission and adaptation to human populations. <i>Current Opinion in HIV and AIDS</i> , 2009 , 4, 247-52	4.2	23

95	Longitudinal analysis of HIV type 1 subtype C envelope sequences from South Africa. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 316-21	1.6	23
94	Emergence and phenotypic characterization of C.1.2, a globally detected lineage that rapidly accumulated mutations of concern		23
93	Epidemiology of HIV-1 subtypes among men who have sex with men in Cape Town, South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 65, 473-80	3.1	22
92	Fluidity of HIV-1-specific T-cell responses during acute and early subtype C HIV-1 infection and associations with early disease progression. <i>Journal of Virology</i> , 2010 , 84, 12018-29	6.6	22
91	HIV-1 subtype C Pr55gag virus-like particle vaccine efficiently boosts baboons primed with a matched DNA vaccine. <i>Journal of General Virology</i> , 2008 , 89, 2214-2227	4.9	22
90	Structure of an N276-Dependent HIV-1 Neutralizing Antibody Targeting a Rare V5 Glycan Hole Adjacent to the CD4 Binding Site. <i>Journal of Virology</i> , 2016 , 90, 10220-10235	6.6	21
89	A rev1-vpu polymorphism unique to HIV-1 subtype A and C strains impairs envelope glycoprotein expression from rev-vpu-env cassettes and reduces virion infectivity in pseudotyping assays. <i>Virology</i> , 2010 , 397, 346-57	3.6	20
88	A multigene HIV type 1 subtype C modified vaccinia Ankara (MVA) vaccine efficiently boosts immune responses to a DNA vaccine in mice. <i>AIDS Research and Human Retroviruses</i> , 2008 , 24, 207-17	1.6	20
87	Conserved domains of subtype C nef from South African HIV type 1-infected individuals include cytotoxic T lymphocyte epitope-rich regions. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1681-7	1.6	20
86	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
85	Degenerate Primer IDs and the birthday problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1330; author reply E1331	11.5	19
84	Viral and host factors associated with the HIV-1 viral load setpoint in adults from Mbeya Region, Tanzania. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010 , 54, 324-30	3.1	19
83	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. <i>Cell Host and Microbe</i> , 2021 , 29, 1093-1110	23.4	19
82	Characterization of HIV-1 gag and nef in Cameroon: further evidence of extreme diversity at the origin of the HIV-1 group M epidemic. <i>Virology Journal</i> , 2013 , 10, 29	6.1	18
81	Panels of HIV-1 Subtype C Env Reference Strains for Standardized Neutralization Assessments. <i>Journal of Virology</i> , 2017 , 91,	6.6	18
80	South African HIV-1 subtype C transmitted variants with a specific V2 motif show higher dependence on β 7 for replication. <i>Retrovirology</i> , 2015 , 12, 54	3.6	18
79	HIV type 1 subtype C gag and nef diversity in Southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 477-81	1.6	18
78	Construction and characterisation of a candidate HIV-1 subtype C DNA vaccine for South Africa. <i>Vaccine</i> , 2003 , 21, 4380-9	4.1	18

77	Investigation of HIV in amniotic fluid from HIV-infected pregnant women at full term. <i>Journal of Infectious Diseases</i> , 2005 , 192, 488-91	7	18
76	Subtype C gp140 Vaccine Boosts Immune Responses Primed by the South African AIDS Vaccine Initiative DNA-C2 and MVA-C HIV Vaccines after More than a 2-Year Gap. <i>Vaccine Journal</i> , 2016 , 23, 496-506		18
75	Metabolic Syndrome After HIV Acquisition in South African Women. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 73, 438-445	3.1	17
74	Increased memory differentiation is associated with decreased polyfunctionality for HIV but not for cytomegalovirus-specific CD8+ T cells. <i>Journal of Immunology</i> , 2012 , 189, 3838-47	5.3	17
73	HIV Superinfection Drives De Novo Antibody Responses and Not Neutralization Breadth. <i>Cell Host and Microbe</i> , 2018 , 24, 593-599.e3	23.4	17
72	Rapid replacement of the Beta variant by the Delta variant in South Africa		17
71	Vertical HIV transmission in South Africa: translating research into policy and practice. <i>Lancet, The</i> , 2002 , 359, 992-3	40	16
70	SARS-CoV-2 501Y.V2 (B.1.351) elicits cross-reactive neutralizing antibodies 2021 ,		16
69	Nef-mediated down-regulation of CD4 and HLA class I in HIV-1 subtype C infection: association with disease progression and influence of immune pressure. <i>Virology</i> , 2014 , 468-470, 214-225	3.6	15
68	HIV infection in high school students in rural South Africa: role of transmissions among students. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, 956-65	1.6	15
67	CAPRISA 004 tenofovir microbicide trial: no impact of tenofovir gel on the HIV transmission bottleneck. <i>Journal of Infectious Diseases</i> , 2012 , 206, 35-40	7	15
66	A novel candidate HIV vaccine vector based on the replication deficient Capripoxvirus, Lumpy skin disease virus (LSDV). <i>Virology Journal</i> , 2011 , 8, 265	6.1	14
65	Anaemia in acute HIV-1 subtype C infection. <i>PLoS ONE</i> , 2008 , 3, e1626	3.7	14
64	Restriction fragment length polymorphism analysis for rapid gag subtype determination of human immunodeficiency virus type 1 in South Africa. <i>Journal of Virological Methods</i> , 1999 , 78, 51-9	2.6	14
63	Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. <i>Science Translational Medicine</i> , 2022 , 14,	17.5	14
62	Global and regional epidemiology of HIV-1 recombinants in 1990-2015: a systematic review and global survey. <i>Lancet HIV,the</i> , 2020 , 7, e772-e781	7.8	14
61	Antibody-Dependent Cellular Cytotoxicity (ADCC)-Mediating Antibodies Constrain Neutralizing Antibody Escape Pathway. <i>Frontiers in Immunology</i> , 2019 , 10, 2875	8.4	14
60	Approaches to the induction of HIV broadly neutralizing antibodies. <i>Current Opinion in HIV and AIDS</i> , 2016 , 11, 569-575	4.2	12

59	Identification of broadly neutralizing antibody epitopes in the HIV-1 envelope glycoprotein using evolutionary models. <i>Virology Journal</i> , 2013 , 10, 347	6.1	12
58	Limited HIV-1 superinfection in seroconverters from the CAPRISA 004 Microbicide Trial. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 844-8	9.7	12
57	HIV-1 Superinfection Resembles Primary Infection. <i>Journal of Infectious Diseases</i> , 2015 , 212, 904-8	7	11
56	Rapid, complex adaptation of transmitted HIV-1 full-length genomes in subtype C-infected individuals with differing disease progression. <i>Aids</i> , 2013 , 27, 507-18	3.5	11
55	Challenges of diagnosing acute HIV-1 subtype C infection in African women: performance of a clinical algorithm and the need for point-of-care nucleic-acid based testing. <i>PLoS ONE</i> , 2013 , 8, e62928	3.7	11
54	Utilizing nucleic acid amplification to identify acute HIV infection. <i>Aids</i> , 2007 , 21, 653-5	3.5	11
53	Sequential Immunization with gp140 Boosts Immune Responses Primed by Modified Vaccinia Ankara or DNA in HIV-Uninfected South African Participants. <i>PLoS ONE</i> , 2016 , 11, e0161753	3.7	11
52	A tale of two variants: Spread of SARS-CoV-2 variants Alpha in Geneva, Switzerland, and Beta in South Africa		11
51	Positive Selection at Key Residues in the HIV Envelope Distinguishes Broad and Strain-Specific Plasma Neutralizing Antibodies. <i>Journal of Virology</i> , 2019 , 93,	6.6	11
50	Replication Capacity of Viruses from Acute Infection Drives HIV-1 Disease Progression. <i>Journal of Virology</i> , 2017 , 91,	6.6	10
49	HIV disease progression in seroconvertors from the CAPRISA 004 tenofovir gel pre-exposure prophylaxis trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 68, 55-61	3.1	10
48	Intra- and inter-clade cross-reactivity by HIV-1 Gag specific T-cells reveals exclusive and commonly targeted regions: implications for current vaccine trials. <i>PLoS ONE</i> , 2011 , 6, e26096	3.7	10
47	African AIDS vaccine programme for a coordinated and collaborative vaccine development effort on the continent. <i>PLoS Medicine</i> , 2008 , 5, e236	11.6	10
46	Selection analysis identifies clusters of unusual mutational changes in Omicron lineage BA.1 that likely impact Spike function.. <i>Molecular Biology and Evolution</i> , 2022 ,	8.3	10
45	Rational design and in vivo selection of SHIVs encoding transmitted/founder subtype C HIV-1 envelopes. <i>PLoS Pathogens</i> , 2019 , 15, e1007632	7.6	9
44	No evidence for selection of HIV-1 with enhanced gag-protease or Nef function among breakthrough infections in the CAPRISA 004 tenofovir microbicide trial. <i>PLoS ONE</i> , 2013 , 8, e71758	3.7	9
43	Intersubtype differences in the effect of a rare p24 gag mutation on HIV-1 replicative fitness. <i>Journal of Virology</i> , 2012 , 86, 13423-33	6.6	9
42	The PTAP sequence duplication in HIV-1 subtype C Gag p6 in drug-naïve subjects of India and South Africa. <i>BMC Infectious Diseases</i> , 2017 , 17, 95	4	8

41	Selection analysis identifies unusual clustered mutational changes in Omicron lineage BA.1 that likely impact Spike function. 2022 ,		8
40	Assessing the safety and pharmacokinetics of the anti-HIV monoclonal antibody CAP256V2LS alone and in combination with VRC07-523LS and PGT121 in South African women: study protocol for the first-in-human CAPRISA 012B phase I clinical trial. <i>BMJ Open</i> , 2020 , 10, e042247	3	8
39	Defining the human immunodeficiency virus type 1 transmission genetic bottleneck in a region with multiple circulating subtypes and recombinant forms. <i>Virology</i> , 2011 , 415, 107-13	3.6	7
38	CTL response to HIV type 1 subtype C is poorly predicted by known epitope motifs. <i>AIDS Research and Human Retroviruses</i> , 2007 , 23, 1033-41	1.6	7
37	Continued Emergence and Evolution of Omicron in South Africa: New BA.4 and BA.5 lineages		7
36	Differences in HIV type 1 neutralization breadth in 2 geographically distinct cohorts in Africa. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1461-6	7	6
35	Detectable HIV-1 in semen in individuals with very low blood viral loads. <i>Virology Journal</i> , 2020 , 17, 29	6.1	6
34	Combining Viral Genetics and Statistical Modeling to Improve HIV-1 Time-of-infection Estimation towards Enhanced Vaccine Efficacy Assessment. <i>Viruses</i> , 2019 , 11,	6.2	6
33	Heterosexual transmission of multiple highly conserved viral variants in HIV-1 subtype C-infected seronegative women. <i>Aids</i> , 2004 , 18, 2096-8	3.5	6
32	Short communication decreased incidence of dual infections in South african subtype C-infected women compared to a cohort ten years earlier. <i>AIDS Research and Human Retroviruses</i> , 2011 , 27, 1167-72	1.6	5
31	DNA-MVA-protein vaccination of rhesus macaques induces HIV-specific immunity in mucosal-associated lymph nodes and functional antibodies. <i>Vaccine</i> , 2017 , 35, 929-937	4.1	4
30	Brief Report: Selection of HIV-1 Variants With Higher Transmission Potential by 1% Tenofovir Gel Microbicide. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 76, 43-47	3.1	4
29	Compartmentalization and Clonal Amplification of HIV-1 in the Male Genital Tract Characterized Using Next-Generation Sequencing. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
28	Conserved positive selection signals in gp41 across multiple subtypes and difference in selection signals detectable in gp41 sequences sampled during acute and chronic HIV-1 subtype C infection. <i>Virology Journal</i> , 2008 , 5, 141	6.1	4
27	Antibody Isotype Switching as a Mechanism to Counter HIV Neutralization Escape. <i>Cell Reports</i> , 2020 , 33, 108430	10.6	4
26	Escape from recognition of SARS-CoV-2 Beta variant spike epitopes but overall preservation of T cell immunity.. <i>Science Translational Medicine</i> , 2021 , eabj6824	17.5	4
25	Evidence for both Intermittent and Persistent Compartmentalization of HIV-1 in the Female Genital Tract. <i>Journal of Virology</i> , 2019 , 93,	6.6	3
24	Effect of HIV Envelope Vaccination on the Subsequent HIV Antibody Response to HIV Infection. <i>MSphere</i> , 2020 , 5,	5	3

23	False-negative HIV-1 polymerase chain reaction in a 15-month-old boy with HIV-1 subtype C infection. <i>South African Medical Journal</i> , 2015 , 105, 877	1.5	3
22	Striking lack of T cell immunodominance in both a multiclade and monoclade HIV-1 epidemic: implications for vaccine development. <i>Vaccine</i> , 2014 , 32, 2328-36	4.1	3
21	Genetic characterization of HIV before widespread testing of HIV vaccine candidates at a clinical trial site in Pretoria, South Africa. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 1131-8	1.6	3
20	The challenges of HIV vaccine development and testing. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2005 , 19, 277-91	4.6	3
19	Selection of HIV Envelope strains for standardized assessments of vaccine-elicited antibody-dependent cellular cytotoxicity (ADCC)-mediating antibodies. <i>Journal of Virology</i> , 2021 , JVI0164321	6.6	3
18	ADCC-mediating non-neutralizing antibodies can exert immune pressure in early HIV-1 infection. <i>PLoS Pathogens</i> , 2021 , 17, e1010046	7.6	3
17	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage.. <i>Nature Communications</i> , 2022 , 13, 1976	17.4	3
16	Assessing the clinical severity of the Omicron variant in the Western Cape Province, South Africa, using the diagnostic PCR proxy marker of RdRp target delay to distinguish between Omicron and Delta infections - a survival analysis.. <i>International Journal of Infectious Diseases</i> , 2022 ,	10.5	3
15	Short Communication: A Recombinant Variant with Increased Envelope Entry Efficiency Emerged During Early Infection of an HIV-1 Subtype C Dual Infected Rapid Progressor. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 303-10	1.6	2
14	Partner HIV Serostatus Impacts Viral Load, Genital HIV Shedding, and Immune Activation in HIV-Infected Individuals. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 82, 51-60	3.1	2
13	Improved oral detection is a characteristic of Omicron infection and has implications for clinical sampling and tissue tropism.. <i>Journal of Clinical Virology</i> , 2022 , 152, 105170	14.5	2
12	Early evolution of human leucocyte antigen-associated escape mutations in variable Gag proteins predicts CD4+ decline in HIV-1 subtype C-infected women. <i>Aids</i> , 2017 , 31, 191-197	3.5	1
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