Thumbi Ndung'u

List of Publications by Year
in descending order

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168 papers	8,474 citations	50244 46 h-index	56687 83 g-index
184 all docs	184 docs citations	184 times ranked	10468 citing authors

#	Article	IF	Citations
1	Cervicovaginal Bacteria Are a Major Modulator of Host Inflammatory Responses in the Female Genital Tract. Immunity, 2015, 42, 965-976.	6.6	554
2	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. Immunity, 2017, 46, 29-37.	6.6	488
3	Adaptation of HIV-1 to human leukocyte antigen class I. Nature, 2009, 458, 641-645.	13.7	408
4	Comprehensive serological profiling of human populations using a synthetic human virome. Science, 2015, 348, aaa0698.	6.0	364
5	Clonal expansion of genome-intact HIV-1 in functionally polarized Th1 CD4+ T cells. Journal of Clinical Investigation, 2017, 127, 2689-2696.	3.9	249
6	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. Immunity, 2015, 43, 591-604.	6.6	234
7	Selection bias at the heterosexual HIV-1 transmission bottleneck. Science, 2014, 345, 1254031.	6.0	225
8	Translating HIV Sequences into Quantitative Fitness Landscapes Predicts Viral Vulnerabilities for Rational Immunogen Design. Immunity, 2013, 38, 606-617.	6.6	209
9	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703â€“positive individuals and their transmission recipients. Journal of Experimental Medicine, 2009, 206, 909-921.	4.2	165
10	SARS-CoV-2 prolonged infection during advanced HIV disease evolves extensive immune escape. Cell Host and Microbe, 2022, 30, 154-162.e5.	5.1	153
11	Central Role of Reverting Mutations in HLA Associations with Human Immunodeficiency Virus Set Point. Journal of Virology, 2008, 82, 8548-8559.	1.5	152
12	Additive Contribution of HLA Class I Alleles in the Immune Control of HIV-1 Infection. Journal of Virology, 2010, 84, 9879-9888.	1.5	148
13	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. Nature Medicine, 2021, 27, 2085-2098.	15.2	146
14	Diagnostic Accuracy of Quantitative PCR (Xpert MTB/RIF) for Tuberculous Meningitis in a High Burden Setting: A Prospective Study. PLoS Medicine, 2013, 10, e1001536.	3.9	142
15	Elevated HLA-A expression impairs HIV control through inhibition of NKG2A-expressing cells. Science, 2018, 359, 86-90.	6.0	135
16	HLA Class I-Driven Evolution of Human Immunodeficiency Virus Type 1 Subtype C Proteome: Immune Escape and Viral Load. Journal of Virology, 2008, 82, 6434-6446.	1.5	126
17	The Fitness Landscape of HIV-1 Gag: Advanced Modeling Approaches and Validation of Model Predictions by In Vitro Testing. PLoS Computational Biology, 2014, 10, e1003776.	1.5	125
18	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. Immunity, 2016, 44, 391-405.	6.6	125

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19	Nonprogressing HIV-infected children share fundamental immunological features of nonpathogenic SIV infection. Science Translational Medicine, 2016, 8, 358ra125.	5.8	121
20	Widespread Impact of HLA Restriction on Immune Control and Escape Pathways of HIV-1. Journal of Virology, 2012, 86, 5230-5243.	1.5	114
21	Integrated single-cell analysis of multicellular immune dynamics during hyperacute HIV-1 infection. Nature Medicine, 2020, 26, 511-518.	15.2	100
22	Clinical and mycological predictors of cryptococcosis-associated immune reconstitution inflammatory syndrome. Aids, 2013, 27, 2089-2099.	1.0	98
23	Association between injectable progestin-only contraceptives and HIV acquisition and HIV target cell frequency in the female genital tract in South African women: a prospective cohort study. Lancet Infectious Diseases, The, 2016, 16, 441-448.	4.6	94
24	Why and where an HIV cure is needed and how it might be achieved. Nature, 2019, 576, 397-405.	13.7	90
25	Low Levels of Peripheral CD161++CD8+ Mucosal Associated Invariant T (MAIT) Cells Are Found in HIV and HIV/TB Co-Infection. PLoS ONE, 2013, 8, e83474.	1.1	88
26	Elevated Tumor Necrosis Factorâ€“Î± Activation of Human Immunodeficiency Virus Type 1 Subtype C in Southern Africa Is Associated with an NFâ€ºB Enhancer Gainâ€ofâ€Function. Journal of Infectious Diseases, 2000, 181, 76-81.	1.9	87
27	Gag-Protease-Mediated Replication Capacity in HIV-1 Subtype C Chronic Infection: Associations with HLA Type and Clinical Parameters. Journal of Virology, 2010, 84, 10820-10831.	1.5	87
28	Impact of pre-adapted HIV transmission. Nature Medicine, 2016, 22, 606-613.	15.2	87
29	Impact of HLA-driven HIV adaptation on virulence in populations of high HIV seroprevalence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5393-400.	3.3	85
30	Detection and treatment of Fiebig stage I HIV-1 infection in young at-risk women in South Africa: a prospective cohort study. Lancet HIV,the, 2018, 5, e35-e44.	2.1	76
31	Convergence of infectious and non-communicable disease epidemics in rural South Africa: a cross-sectional, population-based multimorbidity study. The Lancet Global Health, 2021, 9, e967-e976.	2.9	70
32	African-led health research and capacity building- is it working?. BMC Public Health, 2020, 20, 1104.	1.2	69
33	Ability of HIV-1 Nef to downregulate CD4 and HLA class I differs among viral subtypes. Retrovirology, 2013, 10, 100.	0.9	68
34	Chemokine Levels and Chemokine Receptor Expression in the Blood and the Cerebrospinal Fluid of HIV-Infected Patients With Cryptococcal Meningitis and Cryptococcosis-Associated Immune Reconstitution Inflammatory Syndrome. Journal of Infectious Diseases, 2013, 208, 1604-1612.	1.9	67
35	Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. PLoS Medicine, 2015, 12, e1001900.	3.9	66
36	Cerebrospinal T-Cell Responses Aid in the Diagnosis of Tuberculous Meningitis in a Human Immunodeficiency Virusâ€“ and Tuberculosis-Endemic Population. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 569-577.	2.5	65

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37	Discordant Impact of HLA on Viral Replicative Capacity and Disease Progression in Pediatric and Adult HIV Infection. PLoS Pathogens, 2015, 11, e1004954.	2.1	64
38	Latent and Active Tuberculosis Infection Increase Immune Activation in Individuals Co-Infected with HIV. EBioMedicine, 2015, 2, 334-340.	2.7	64
39	HLArestrictorâ€”a tool for patient-specific predictions of HLA restriction elements and optimal epitopes within peptides. Immunogenetics, 2011, 63, 43-55.	1.2	63
40	Extended high viremics. Aids, 2011, 25, 1515-1522.	1.0	58
41	Augmentation of HIV-specific T cell function by immediate treatment of hyperacute HIV-1 infection. Science Translational Medicine, 2019, 11, .	5.8	58
42	Impact of HLA-B*81-Associated Mutations in HIV-1 Gag on Viral Replication Capacity. Journal of Virology, 2012, 86, 3193-3199.	1.5	57
43	Progression to AIDS in South Africa Is Associated with both Reverting and Compensatory Viral Mutations. PLoS ONE, 2011, 6, e19018.	1.1	57
44	HIV-1 DNA sequence diversity and evolution during acute subtype C infection. Nature Communications, 2019, 10, 2737.	5.8	51
45	Impact of HLA in Mother and Child on Disease Progression of Pediatric Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 2009, 83, 10234-10244.	1.5	50
46	Influence of Gag-Protease-Mediated Replication Capacity on Disease Progression in Individuals Recently Infected with HIV-1 Subtype C. Journal of Virology, 2011, 85, 3996-4006.	1.5	50
47	HLA-A*7401â€“Mediated Control of HIV Viremia Is Independent of Its Linkage Disequilibrium with HLA-B*5703. Journal of Immunology, 2011, 186, 5675-5686.	0.4	49
48	Differential Clade-Specific HLA-B*3501 Association with HIV-1 Disease Outcome Is Linked to Immunogenicity of a Single Gag Epitope. Journal of Virology, 2012, 86, 12643-12654.	1.5	49
49	Prevalence and Characteristics of Hepatitis B Virus (HBV) Coinfection among HIV-Positive Women in South Africa and Botswana. PLoS ONE, 2015, 10, e0134037.	1.1	49
50	Challenges of HIV diagnosis and management in the context of preâ€exposure prophylaxis (PrEP), postâ€exposure prophylaxis (PEP), test and start and acute HIV infection: a scoping review. Journal of the International AIDS Society, 2019, 22, e25419.	1.2	49
51	Broad and persistent Gag-specific CD8+ T-cell responses are associated with viral control but rarely drive viral escape during primary HIV-1 infection. Aids, 2015, 29, 23-33.	1.0	48
52	Effect of Female Genital Schistosomiasis and Anti-Schistosomal Treatment on Monocytes, CD4+ T-Cells and CCR5 Expression in the Female Genital Tract. PLoS ONE, 2014, 9, e98593.	1.1	47
53	Human TRIM5Î± Expression Levels and Reduced Susceptibility to HIVâ€1 Infection. Journal of Infectious Diseases, 2009, 199, 1657-1663.	1.9	46
54	Frequencies of Circulating Th1-Biased T Follicular Helper Cells in Acute HIV-1 Infection Correlate with the Development of HIV-Specific Antibody Responses and Lower Set Point Viral Load. Journal of Virology, 2018, 92, .	1.5	46

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55	The case for an HIV cure and how to get there. Lancet HIV,the, 2021, 8, e51-e58.	2.1	46
56	HIV-1 subtype C in vitro growth and coreceptor utilization. Virology, 2006, 347, 247-260.	1.1	45
57	Plasma CXCL13 but Not B Cell Frequencies in Acute HIV Infection Predicts Emergence of Cross-Neutralizing Antibodies. Frontiers in Immunology, 2017, 8, 1104.	2.2	45
58	Association between the cytokine storm, immune cell dynamics, and viral replicative capacity in hyperacute HIV infection. BMC Medicine, 2020, 18, 81.	2.3	45
59	HIV-1 vaccine immunogen design strategies. Virology Journal, 2015, 12, 3.	1.4	42
60	HIV Control through a Single Nucleotide on the HLA-B Locus. Journal of Virology, 2012, 86, 11493-11500.	1.5	41
61	HLA Footprints on Human Immunodeficiency Virus Type 1 Are Associated with Interclade Polymorphisms and Intraclade Phylogenetic Clustering. Journal of Virology, 2009, 83, 4605-4615.	1.5	40
62	Limited Immunogenicity of HIV CD8+ T-Cell Epitopes in Acute Clade C Virus Infection. Journal of Infectious Diseases, 2011, 204, 768-776.	1.9	39
63	Multi-stakeholder consensus on a target product profile for an HIV cure. Lancet HIV,the, 2021, 8, e42-e50.	2.1	38
64	Utility of a novel lipoarabinomannan assay for the diagnosis of tuberculous meningitis in a resource-poor high-HIV prevalence setting. Cerebrospinal Fluid Research, 2009, 6, 13.	0.5	37
65	The potential of lactoferrin, ovotransferrin and lysozyme as antiviral and immune-modulating agents in COVID-19. Future Virology, 2020, 15, 609-624.	0.9	37
66	Nef-Specific CD8+ T Cell Responses Contribute to HIV-1 Immune Control. PLoS ONE, 2013, 8, e73117.	1.1	36
67	Malnutrition in HIV-Infected Children Is an Indicator of Severe Disease with an Impaired Response to Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2018, 34, 46-55.	0.5	35
68	Subtype-Specific Differences in Gag-Protease-Driven Replication Capacity Are Consistent with Intersubtype Differences in HIV-1 Disease Progression. Journal of Virology, 2017, 91, .	1.5	34
69	Replicative Capacity of Human Immunodeficiency Virus Type 1 Transmitted from Mother to Child Is Associated with Pediatric Disease Progression Rate. Journal of Virology, 2010, 84, 492-502.	1.5	33
70	Cysteine dependence of Lactobacillus iners is a potential therapeutic target for vaginal microbiota modulation. Nature Microbiology, 2022, 7, 434-450.	5.9	32
71	Mosaic HIV-1 Gag Antigens Can Be Processed and Presented to Human HIV-Specific CD8+ T Cells. Journal of Immunology, 2011, 186, 6914-6924.	0.4	29
72	Reduced Expression of Siglec-7, NKG2A, and CD57 on Terminally Differentiated CD56^{â^'}CD16⁺ Natural Killer Cell Subset Is Associated with Natural Killer Cell Dysfunction in Chronic HIV-1 Clade C Infection. AIDS Research and Human Retroviruses, 2017, 33, 1205-1213.	0.5	29

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73	Association Between Plasma Antibody Responses and Risk for Cryptococcus-Associated Immune Reconstitution Inflammatory Syndrome. Journal of Infectious Diseases, 2019, 219, 420-428.	1.9	29
74	Knowledge of HIV Serodiscordance, Transmission, and Prevention among Couples in Durban, South Africa. PLoS ONE, 2015, 10, e0124548.	1.1	29
75	HIV status alters disease severity and immune cell responses in Beta variant SARS-CoV-2 infection wave. ELife, 2021, 10, .	2.8	28
76	CD8 ⁺ T Cell Breadth and Ex Vivo Virus Inhibition Capacity Distinguish between Viremic Controllers with and without Protective HLA Class I Alleles. Journal of Virology, 2016, 90, 6818-6831.	1.5	27
77	Comparison of Amplicor and GeneXpert MTB/RIF Tests for Diagnosis of Tuberculous Meningitis. Journal of Clinical Microbiology, 2014, 52, 3777-3780.	1.8	25
78	Diagnostic Accuracy of the HemoCue Hb 301, STAT-Site MHgb and URIT-12 Point-of-Care Hemoglobin Meters in a Central Laboratory and a Community Based Clinic in Durban, South Africa. PLoS ONE, 2016, 11, e0152184.	1.1	25
79	HIV Controllers Exhibit Enhanced Frequencies of Major Histocompatibility Complex Class II Tetramer⁺Gag-Specific CD4⁺T Cells in Chronic Clade C HIV-1 Infection. Journal of Virology, 2017, 91, .	1.5	24
80	Implementation of couplesâ€™ voluntary HIV counseling and testing services in Durban, South Africa. BMC Public Health, 2015, 15, 601.	1.2	23
81	HIGH-FREQUENCY failure of combination antiretroviral therapy in paediatric HIV infection is associated with unmet maternal needs causing maternal NON-ADHERENCE. EClinicalMedicine, 2020, 22, 100344.	3.2	23
82	A FRESH approach: Combining basic science and social good. Science Immunology, 2018, 3, .	5.6	22
83	Measuring sexual relationship power equity among young women and young men South Africa: Implications for gender-transformative programming. PLoS ONE, 2019, 14, e0221554.	1.1	22
84	Modeling the temporal dynamics of cervicovaginal microbiota identifies targets that may promote reproductive health. Microbiome, 2021, 9, 163.	4.9	22
85	Drug Resistance and Viral Tropism in HIV-1 Subtype C-Infected Patients in KwaZulu-Natal, South Africa. Journal of Acquired Immune Deficiency Syndromes (1999), 2011, 58, 233-240.	0.9	21
86	TRIM5Î± and TRIM22 Are Differentially Regulated According to HIV-1 Infection Phase and Compartment. Journal of Virology, 2014, 88, 4291-4303.	1.5	21
87	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. Virology, 2014, 468-470, 214-225.	1.1	20
88	Biomarkers for Tuberculosis Based on Secreted, Species-Specific, Bacterial Small Molecules. Journal of Infectious Diseases, 2015, 212, 1827-1834.	1.9	20
89	Variation in HIV-1 Nef function within and among viral subtypes reveals genetically separable antagonism of SERINC3 and SERINC5. PLoS Pathogens, 2020, 16, e1008813.	2.1	20
90	Impact of Select Immunologic and Virologic Biomarkers on CD4 Cell Count Decrease in Patients with Chronic HIVâ€1 Subtype C Infection: Results from Sinikithemba Cohort, Durban, South Africa. Clinical Infectious Diseases, 2009, 49, 956-964.	2.9	19

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91	Drug Resistance and Coreceptor Usage in HIV Type 1 Subtype C-Infected Children Initiating or Failing Highly Active Antiretroviral Therapy in South Africa. AIDS Research and Human Retroviruses, 2012, 28, 324-332.	0.5	19
92	Preservation HIV-1â€“Specific IFNÎ³+ CD4+ T-Cell Responses in Breakthrough Infections After Exposure to Tenofovir Gel in the CAPRISA 004 Microbicide Trial. Journal of Acquired Immune Deficiency Syndromes (1999), 2012, 60, 124-127.	0.9	19
93	Compartmentalization of innate immune responses in the central nervous system during cryptococcal meningitis/HIV coinfection. Aids, 2014, 28, 657-666.	1.0	19
94	Sex Differences in Antiretroviral Therapy Initiation in Pediatric HIV Infection. PLoS ONE, 2015, 10, e0131591.	1.1	19
95	Co-Infection with Mycobacterium tuberculosis Impairs HIV-Specific CD8+ and CD4+ T Cell Functionality. PLoS ONE, 2015, 10, e0118654.	1.1	19
96	HIV Disrupts Human T Cells That Target Mycobacterial Glycolipids. Journal of Infectious Diseases, 2016, 213, 628-633.	1.9	18
97	Plasma But Not Cerebrospinal Fluid Interleukin 7 and Interleukin 5 Levels Preâ€“Antiretroviral Therapy Commencement Predict Cryptococcosis-Associated Immune Reconstitution Inflammatory Syndrome. Clinical Infectious Diseases, 2017, 65, 1551-1559.	2.9	18
98	Genetic Characteristics, Coreceptor Usage Potential and Evolution of Nigerian HIV-1 Subtype G and CRF02_AG Isolates. PLoS ONE, 2011, 6, e17865.	1.1	17
99	Drug Resistance Pattern of HIV Type 1 Isolates Sampled in 2007 from Therapy-Naive Pregnant Women in North-Central Nigeria. AIDS Research and Human Retroviruses, 2012, 28, 115-118.	0.5	17
100	HIV-1 subtype C envelope characteristics associated with divergent rates of chronic disease progression. Retrovirology, 2010, 7, 92.	0.9	15
101	Sex-specific innate immune selection of HIV-1 in utero is associated with increased female susceptibility to infection. Nature Communications, 2020, 11, 1767.	5.8	15
102	Prevalence ofMycobacterium tuberculosisin Sputum and Reported Symptoms Among Clinic Attendees Compared With a Community Survey in Rural South Africa. Clinical Infectious Diseases, 2022, 75, 314-322.	2.9	15
103	Functional and genetic analysis of coreceptor usage by dualtropic HIV-1 subtype C isolates. Virology, 2009, 393, 56-67.	1.1	14
104	Comparative Utility of Cytokine Levels and Quantitative RD-1-Specific T Cell Responses for Rapid Immunodiagnosis of Tuberculous Meningitis. Journal of Clinical Microbiology, 2011, 49, 3971-3976.	1.8	14
105	High Frequency of Transmitted HIV-1 Gag HLA Class I-Driven Immune Escape Variants but Minimal Immune Selection over the First Year of Clade C Infection. PLoS ONE, 2015, 10, e0119886.	1.1	14
106	Evaluation of the NucliSens EasyQ v2.0 Assay in Comparison with the Roche Amplicor v1.5 and the Roche CAP/CTM HIV-1 Test v2.0 in Quantification of C-Clade HIV-1 in Plasma. PLoS ONE, 2014, 9, e103983.	1.1	13
107	Mother-to-Child HIV Transmission Bottleneck Selects for Consensus Virus with Lower Gag-Protease-Driven Replication Capacity. Journal of Virology, 2017, 91, .	1.5	13
108	Characterization of anti-HIV-1 neutralizing and binding antibodies in chronic HIV-1 subtype C infection. Virology, 2012, 433, 410-420.	1.1	12

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109	Resistance of Major Histocompatibility Complex Class B (MHC-B) to Nef-Mediated Downregulation Relative to that of MHC-A Is Conserved among Primate Lentiviruses and Influences Antiviral T Cell Responses in HIV-1-Infected Individuals. Journal of Virology, 2018, 92, .	1.5	12
110	Pol-Driven Replicative Capacity Impacts Disease Progression in HIV-1 Subtype C Infection. Journal of Virology, 2018, 92, .	1.5	12
111	An HLA-I signature favouring KIR-educated Natural Killer cells mediates immune control of HIV in children and contrasts with the HLA-B-restricted CD8+ T-cell-mediated immune control in adults. PLoS Pathogens, 2021, 17, e1010090.	2.1	12
112	Plasma host protein biomarkers correlating with increasing Mycobacterium tuberculosis infection activity prior to tuberculosis diagnosis in people living with HIV. EBioMedicine, 2022, 75, 103787.	2.7	12
113	No Evidence for Selection of HIV-1 with Enhanced Gag-Protease or Nef Function among Breakthrough Infections in the CAPRISA 004 Tenofovir Microbicide Trial. PLoS ONE, 2013, 8, e71758.	1.1	11
114	Soluble CD14 as a Diagnostic Biomarker for Smear-Negative HIV-Associated Tuberculosis. Pathogens, 2018, 7, 26.	1.2	11
115	Tuberculous meningitis is associated with higher cerebrospinal HIV-1 viral loads compared to other HIV-1-associated meningitides. PLoS ONE, 2018, 13, e0192060.	1.1	11
116	Modelling and in vitro testing of the HIV-1 Nef fitness landscape. Virus Evolution, 2019, 5, vez029.	2.2	11
117	PARV4 prevalence, phylogeny, immunology and coinfection with HIV, HBV and HCV in a multicentre African cohort. Wellcome Open Research, 2017, 2, 26.	0.9	11
118	Irreversible depletion of intestinal CD4+ T cells is associated with T cell activation during chronic HIV infection. JCI Insight, 2021, 6, .	2.3	11
119	Relationship of Human Immunodeficiency Virus Viral Load in Cerebrospinal Fluid and Plasma in Patients Co-infected With Cryptococcal Meningitis. Open Forum Infectious Diseases, 2017, 4, ofx032.	0.4	10
120	Cellular Architecture of Spinal Granulomas and the Immunological Response in Tuberculosis Patients Coinfected with HIV. Frontiers in Immunology, 2017, 8, 1120.	2.2	10
121	A Novel HIV-1 RNA Testing Intervention to Detect Acute and Prevalent HIV Infection in Young Adults and Reduce HIV Transmission in Kenya: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2020, 9, e16198.	0.5	10
122	CD8 lymphocytes mitigate HIV-1 persistence in lymph node follicular helper T cells during hyperacute-treated infection. Nature Communications, 2022, 13, .	5.8	10
123	Intersubtype Differences in the Effect of a Rare p24 Gag Mutation on HIV-1 Replicative Fitness. Journal of Virology, 2012, 86, 13423-13433.	1.5	9
124	HLA-A is a Predictor of Hepatitis B e Antigen Status in HIV-Positive African Adults. Journal of Infectious Diseases, 2016, 213, 1248-1252.	1.9	9
125	Complex Subtype Diversity of HIV-1 Among Drug Users in Major Kenyan Cities. AIDS Research and Human Retroviruses, 2017, 33, 500-510.	0.5	9
126	Dual HLA B*42 and B*81-reactive T cell receptors recognize more diverse HIV-1 Gag escape variants. Nature Communications, 2018, 9, 5023.	5.8	9

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127	Innate Lymphoid Cell Activation and Sustained Depletion in Blood and Tissue of Children Infected with HIV from Birth Despite Antiretroviral Therapy. Cell Reports, 2020, 32, 108153.	2.9	9
128	Early Initiation of Antiretroviral Therapy Following In Utero HIV Infection Is Associated With Low Viral Reservoirs but Other Factors Determine Viral Rebound. Journal of Infectious Diseases, 2021, 224, 1925-1934.	1.9	9
129	Nef-mediated inhibition of NFAT following TCR stimulation differs between HIV-1 subtypes. Virology, 2019, 531, 192-202.	1.1	8
130	Cryptococcosis-Associated Immune Reconstitution Inflammatory Syndrome Is Associated With Dysregulation of IL-7/IL-7 Receptor Signaling Pathway in T Cells and Monocyte Activation. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 80, 596-604.	0.9	8
131	Effect of an optâ€out pointâ€ofâ€care HIVâ€1 nucleic acid testing intervention to detect acute and prevalent HIV infection in symptomatic adult outpatients and reduce HIV transmission in Kenya: a randomized controlled trial. HIV Medicine, 2022, 23, 16-28.	1.0	8
132	Antigen Presenting Cells Link the Female Genital Tract Microbiome to Mucosal Inflammation, With Hormonal Contraception as an Additional Modulator of Inflammatory Signatures. Frontiers in Cellular and Infection Microbiology, 2021, 11, 733619.	1.8	8
133	Immunodominant HIV-1-specific HLA-B- and HLA-C-restricted CD8+ T cells do not differ in polyfunctionality. Virology, 2010, 405, 483-491.	1.1	7
134	HLA-A*68. Aids, 2013, 27, 1717-1723.	1.0	7
135	Genetic determinants of Nef-mediated CD4 and HLA class I down-regulation differences between HIV-1 subtypes B and C. Virology Journal, 2015, 12, 200.	1.4	7
136	Evaluation of a synthetic peptide for the detection of anti-Mycobacterium tuberculosis curli pili IgG antibodies in patients with pulmonary tuberculosis. Tuberculosis, 2018, 109, 80-84.	0.8	7
137	Cytomegalovirus-Mediated T Cell Receptor Repertoire Perturbation Is Present in Early Life. Frontiers in Immunology, 2020, 11, 1587.	2.2	7
138	Unbiased Profiling Reveals Compartmentalization of Unconventional T-Cells Within the Intestinal Mucosa Irrespective of HIV Infection. Frontiers in Immunology, 2020, 11, 579743.	2.2	7
139	Antigen Presenting Cells Contribute to Persistent Immune Activation Despite Antiretroviral Therapy Initiation During Hyperacute HIV-1 Infection. Frontiers in Immunology, 2021, 12, 738743.	2.2	7
140	Distinct Immunoglobulin Fc Glycosylation Patterns Are Associated with Disease Nonprogression and Broadly Neutralizing Antibody Responses in Children with HIV Infection. MSphere, 2020, 5, .	1.3	7
141	Prospective Monitoring Reveals Dynamic Levels of T Cell Immunity to Mycobacterium Tuberculosis in HIV Infected Individuals. PLoS ONE, 2012, 7, e37920.	1.1	7
142	Regulatory T Cells Expanded from HIV-1-Infected Individuals Maintain Phenotype, TCR Repertoire and Suppressive Capacity. PLoS ONE, 2014, 9, e86920.	1.1	7
143	Lower Viral Loads and Slower CD4⁺T-Cell Count Decline in MRKAd5 HIV-1 Vaccinees Expressing Disease-Susceptible HLA-B*58:02. Journal of Infectious Diseases, 2016, 214, 379-389.	1.9	6
144	Low expression Macrophage Migration Inhibitory Factor (MIF) alleles and tuberculosis in HIV infected South Africans. Cytokine: X, 2019, 1, 100004.	0.5	6

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145	Differential Vpu-Mediated CD4 and Tetherin Downregulation Functions among Major HIV-1 Group M Subtypes. Journal of Virology, 2020, 94, .	1.5	6
146	Plasma IL-5 but Not CXCL13 Correlates With Neutralization Breadth in HIV-Infected Children. Frontiers in Immunology, 2019, 10, 1497.	2.2	5
147	Neutrophil Effector Functions Are Not Impaired in Duffy Antigen Receptor for Chemokines (DARC)-Null Black South Africans. Frontiers in Immunology, 2019, 10, 551.	2.2	5
148	Envelope characteristics in individuals who developed neutralizing antibodies targeting different epitopes in HIV-1 subtype C infection. Virology, 2020, 546, 1-12.	1.1	5
149	A Stronger Innate Immune Response During Hyperacute Human Immunodeficiency Virus Type 1 (HIV-1) Infection Is Associated With Acute Retroviral Syndrome. Clinical Infectious Diseases, 2021, 73, 832-841.	2.9	5
150	Bringing social context into global biomedical HIV cure-related research: An urgent call to action. Journal of Virus Eradication, 2022, 8, 100062.	0.3	5
151	Characterization of Nucleoside Reverse Transcriptase Inhibitor-Associated Mutations in the RNase H Region of HIV-1 Subtype C Infected Individuals. Viruses, 2017, 9, 330.	1.5	4
152	Individuals with HIV-1 Subtype C Infection and Cryptococcal Meningitis Exhibit Viral Genetic Intermixing of HIV-1 Between Plasma and Cerebrospinal Fluid and a High Prevalence of CXCR4-Using Variants. AIDS Research and Human Retroviruses, 2018, 34, 607-620.	0.5	4
153	Tracking the Trajectory of Functional Humoral Immune Responses Following Acute HIV Infection. Frontiers in Immunology, 2020, 11, 1744.	2.2	4
154	Epigenetic Regulation of BST-2 Expression Levels and the Effect on HIV-1 Pathogenesis. Frontiers in Immunology, 2021, 12, 669241.	2.2	4
155	The DARC-null trait is associated with moderate modulation of NK cell profiles and unaltered cytolytic T cell profiles in black South Africans. PLoS ONE, 2020, 15, e0242448.	1.1	3
156	TRIM E3 ligases in HIV infection: Can these intrinsic immunity factors be harnessed for novel vaccines or therapies?. Virulence, 2011, 2, 360-366.	1.8	2
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