

Thumbi Ndungu

List of Publications by Year in Descending Order

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

168
papers

5,806
citations

41
h-index

72
g-index

184
ext. papers

7,411
ext. citations

9.5
avg. IF

5.24
L-index

#	Paper	IF	Citations
168	Bone marrow stromal antigen 2 (BST-2) genetic variants influence expression levels and disease outcome in HIV-1 chronically infected patients.. <i>Retrovirology</i> , 2022 , 19, 3	3.6	
167	SARS-CoV-2 prolonged infection during advanced HIV disease evolves extensive immune escape.. <i>Cell Host and Microbe</i> , 2022 ,	23.4	22
166	Bringing social context into global biomedical HIV cure-related research: An urgent call to action.. <i>Journal of Virus Eradication</i> , 2022 , 8, 100062	2.8	0
165	Cysteine dependence of <i>Lactobacillus iners</i> is a potential therapeutic target for vaginal microbiota modulation.. <i>Nature Microbiology</i> , 2022 , 7, 434-450	26.6	3
164	Prevalence of <i>Mycobacterium tuberculosis</i> in sputum and reported symptoms among clinic attendees compared to a community survey in rural South Africa. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	3
163	HIV-1 evades a Gag mutation that abrogates killer cell immunoglobulin-like receptor binding and disinhibits natural killer cells in infected individuals with KIR2DL2+/HLA-C*03: 04+ genotype. <i>Aids</i> , 2021 , 35, 151-154	3.5	0
162	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. <i>PLoS Pathogens</i> , 2021 , 17, e1010090	7.6	1
161	Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. <i>Nature Medicine</i> , 2021 ,	50.5	16
160	Plasma host protein biomarkers correlating with increasing <i>Mycobacterium tuberculosis</i> infection activity prior to tuberculosis diagnosis in people living with HIV.. <i>EBioMedicine</i> , 2021 , 75, 103787	8.8	2
159	HIV status alters disease severity and immune cell responses in beta variant SARS-CoV-2 infection wave. <i>ELife</i> , 2021 , 10,	8.9	8
158	Irreversible depletion of intestinal CD4+ T cells is associated with T cell activation during chronic HIV infection. <i>JCI Insight</i> , 2021 , 6,	9.9	3
157	Second-generation mother-to-child HIV transmission in South Africa is characterized by poor outcomes. <i>Aids</i> , 2021 , 35, 1597-1604	3.5	0
156	Subtype-specific differences in Gag-protease replication capacity of HIV-1 isolates from East and West Africa. <i>Retrovirology</i> , 2021 , 18, 11	3.6	0
155	Early Initiation of Antiretroviral Therapy Following In Utero HIV Infection Is Associated With Low Viral Reservoirs but Other Factors Determine Viral Rebound. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1925-1934	7	1
154	Epigenetic Regulation of Expression Levels and the Effect on HIV-1 Pathogenesis. <i>Frontiers in Immunology</i> , 2021 , 12, 669241	8.4	2
153	Vulnerable targets in HIV-1 Pol for attenuation-based vaccine design. <i>Virology</i> , 2021 , 554, 1-8	3.6	1
152	The case for an HIV cure and how to get there. <i>Lancet HIV,the</i> , 2021 , 8, e51-e58	7.8	18

151	Will Long-Acting Antiretroviral Therapy be a Game Changer Globally?. <i>Med</i> , 2021 , 2, 115-117	31.7	
150	A Stronger Innate Immune Response During Hyperacute Human Immunodeficiency Virus Type 1 (HIV-1) Infection Is Associated With Acute Retroviral Syndrome. <i>Clinical Infectious Diseases</i> , 2021 , 73, 832-841	11.6	1
149	Low immune activation in early pregnancy is associated with preterm but not small-for-gestational age delivery in HIV infected women initiating antiretroviral therapy in pregnancy: a PIMS case-control study in Cape Town, South Africa. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	1
148	Modeling the temporal dynamics of cervicovaginal microbiota identifies targets that may promote reproductive health. <i>Microbiome</i> , 2021 , 9, 163	16.6	3
147	Convergence of infectious and non-communicable disease epidemics in rural South Africa: a cross-sectional, population-based multimorbidity study. <i>The Lancet Global Health</i> , 2021 , 9, e967-e976	13.6	16
146	Effect of an opt-out point-of-care HIV-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. <i>HIV Medicine</i> , 2021 ,	2.7	1
145	SARS-CoV-2 evolved during advanced HIV disease immunosuppression has Beta-like escape of vaccine and Delta infection elicited immunity. 2021 ,		12
144	Antigen Presenting Cells Contribute to Persistent Immune Activation Despite Antiretroviral Therapy Initiation During Hyperacute HIV-1 Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 738743	8.4	1
143	Antigen Presenting Cells Link the Female Genital Tract Microbiome to Mucosal Inflammation, With Hormonal Contraception as an Additional Modulator of Inflammatory Signatures. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 733619	5.9	0
142	Multi-stakeholder consensus on a target product profile for an HIV cure. <i>Lancet HIV,the</i> , 2021 , 8, e42-e50.8		14
141	Unbiased Profiling Reveals Compartmentalization of Unconventional T-Cells Within the Intestinal Mucosa Irrespective of HIV Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 579743	8.4	3
140	Differential Vpu-Mediated CD4 and Tetherin Downregulation Functions among Major HIV-1 Group M Subtypes. <i>Journal of Virology</i> , 2020 , 94,	6.6	4
139	HIGH-FREQUENCY failure of combination antiretroviral therapy in paediatric HIV infection is associated with unmet maternal needs causing maternal NON-ADHERENCE. <i>EClinicalMedicine</i> , 2020 , 22, 100344	11.3	9
138	Integrated single-cell analysis of multicellular immune dynamics during hyperacute HIV-1 infection. <i>Nature Medicine</i> , 2020 , 26, 511-518	50.5	36
137	Association between the cytokine storm, immune cell dynamics, and viral replicative capacity in hyperacute HIV infection. <i>BMC Medicine</i> , 2020 , 18, 81	11.4	25
136	Consequences of HLA-associated mutations in HIV-1 subtype C Nef on HLA-I downregulation ability. <i>Journal of Medical Virology</i> , 2020 , 92, 1182-1190	19.7	0
135	Envelope characteristics in individuals who developed neutralizing antibodies targeting different epitopes in HIV-1 subtype C infection. <i>Virology</i> , 2020 , 546, 1-12	3.6	3
134	Distinct Immunoglobulin Fc Glycosylation Patterns Are Associated with Disease Nonprogression and Broadly Neutralizing Antibody Responses in Children with HIV Infection. <i>MSphere</i> , 2020 , 5,	5	2

133	The DARC-null trait is associated with moderate modulation of NK cell profiles and unaltered cytolytic T cell profiles in black South Africans. <i>PLoS ONE</i> , 2020 , 15, e0242448	3.7	0
132	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. <i>JMIR Research Protocols</i> , 2020 , 9, e16198	2	5
131	The potential of lactoferrin, ovotransferrin and lysozyme as antiviral and immune-modulating agents in COVID-19. <i>Future Virology</i> , 2020 , 15, 609-624	2.4	13
130	Innate Lymphoid Cell Activation and Sustained Depletion in Blood and Tissue of Children Infected with HIV from Birth Despite Antiretroviral Therapy. <i>Cell Reports</i> , 2020 , 32, 108153	10.6	1
129	African-led health research and capacity building- is it working?. <i>BMC Public Health</i> , 2020 , 20, 1104	4.1	21
128	Tracking the Trajectory of Functional Humoral Immune Responses Following Acute HIV Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 1744	8.4	1
127	Cytomegalovirus-Mediated T Cell Receptor Repertoire Perturbation Is Present in Early Life. <i>Frontiers in Immunology</i> , 2020 , 11, 1587	8.4	3
126	An HIV-1 Nef genotype that diminishes immune control mediated by protective human leucocyte antigen alleles. <i>Aids</i> , 2020 , 34, 1325-1330	3.5	1
125	Variation in HIV-1 Nef function within and among viral subtypes reveals genetically separable antagonism of SERINC3 and SERINC5. <i>PLoS Pathogens</i> , 2020 , 16, e1008813	7.6	6
124	Sex-specific innate immune selection of HIV-1 in utero is associated with increased female susceptibility to infection. <i>Nature Communications</i> , 2020 , 11, 1767	17.4	8
123	Measuring sexual relationship power equity among young women and young men South Africa: Implications for gender-transformative programming. <i>PLoS ONE</i> , 2019 , 14, e0221554	3.7	7
122	HIV-1 DNA sequence diversity and evolution during acute subtype C infection. <i>Nature Communications</i> , 2019 , 10, 2737	17.4	29
121	Augmentation of HIV-specific T cell function by immediate treatment of hyperacute HIV-1 infection. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	31
120	Nef-mediated inhibition of NFAT following TCR stimulation differs between HIV-1 subtypes. <i>Virology</i> , 2019 , 531, 192-202	3.6	5
119	Neutrophil Effector Functions Are Not Impaired in Duffy Antigen Receptor for Chemokines (DARC)-Null Black South Africans. <i>Frontiers in Immunology</i> , 2019 , 10, 551	8.4	3
118	Low expression alleles and tuberculosis in HIV infected South Africans. <i>Cytokine: X</i> , 2019 , 1, 100004	5	5
117	Association Between Plasma Antibody Responses and Risk for Cryptococcus-Associated Immune Reconstitution Inflammatory Syndrome. <i>Journal of Infectious Diseases</i> , 2019 , 219, 420-428	7	17
116	Modelling and testing of the HIV-1 Nef fitness landscape. <i>Virus Evolution</i> , 2019 , 5, vez029	3.7	6

115	Plasma IL-5 but Not CXCL13 Correlates With Neutralization Breadth in HIV-Infected Children. <i>Frontiers in Immunology</i> , 2019 , 10, 1497	8.4	4
114	Challenges of HIV diagnosis and management in the context of pre-exposure prophylaxis (PrEP), post-exposure prophylaxis (PEP), test and start and acute HIV infection: a scoping review. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25419	5.4	24
113	Why and where an HIV cure is needed and how it might be achieved. <i>Nature</i> , 2019 , 576, 397-405	50.4	52
112	Cryptococcosis-Associated Immune Reconstitution Inflammatory Syndrome Is Associated With Dysregulation of IL-7/IL-7 Receptor Signaling Pathway in T Cells and Monocyte Activation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 80, 596-604	3.1	5
111	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. <i>AIDS Research and Human Retroviruses</i> , 2018 , 34, 607-620	1.6	3
110	Elevated expression impairs HIV control through inhibition of NKG2A-expressing cells. <i>Science</i> , 2018 , 359, 86-90	33.3	89
109	Evaluation of a synthetic peptide for the detection of anti-Mycobacterium tuberculosis curli pili IgG antibodies in patients with pulmonary tuberculosis. <i>Tuberculosis</i> , 2018 , 109, 80-84	2.6	6
108	Malnutrition in HIV-Infected Children Is an Indicator of Severe Disease with an Impaired Response to Antiretroviral Therapy. <i>AIDS Research and Human Retroviruses</i> , 2018 , 34, 46-55	1.6	22
107	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. <i>Journal of Virology</i> , 2018 , 92,	6.6	11
106	Detection and treatment of Fiebig stage I HIV-1 infection in young at-risk women in South Africa: a prospective cohort study. <i>Lancet HIV,the</i> , 2018 , 5, e35-e44	7.8	42
105	Soluble CD14 as a Diagnostic Biomarker for Smear-Negative HIV-Associated Tuberculosis. <i>Pathogens</i> , 2018 , 7,	4.5	6
104	Pol-Driven Replicative Capacity Impacts Disease Progression in HIV-1 Subtype C Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
103	Tuberculous meningitis is associated with higher cerebrospinal HIV-1 viral loads compared to other HIV-1-associated meningitides. <i>PLoS ONE</i> , 2018 , 13, e0192060	3.7	6
102	Dual HLA B*42 and B*81-reactive T cell receptors recognize more diverse HIV-1 Gag escape variants. <i>Nature Communications</i> , 2018 , 9, 5023	17.4	7
101	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. <i>Journal of Virology</i> , 2018 , 92,	6.6	26
100	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. <i>Immunity</i> , 2017 , 46, 29-37	32.3	320
99	Complex Subtype Diversity of HIV-1 Among Drug Users in Major Kenyan Cities. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 500-510	1.6	5
98	HIV Controllers Exhibit Enhanced Frequencies of Major Histocompatibility Complex Class II Tetramer Gag-Specific CD4 T Cells in Chronic Clade C HIV-1 Infection. <i>Journal of Virology</i> , 2017 , 91,	6.6	11

97	Subtype-Specific Differences in Gag-Protease-Driven Replication Capacity Are Consistent with Intersubtype Differences in HIV-1 Disease Progression. <i>Journal of Virology</i> , 2017 , 91,	6.6	25
96	Mother-to-Child HIV Transmission Bottleneck Selects for Consensus Virus with Lower Gag-Protease-Driven Replication Capacity. <i>Journal of Virology</i> , 2017 , 91,	6.6	4
95	Reduced Expression of Siglec-7, NKG2A, and CD57 on Terminally Differentiated CD56CD16 Natural Killer Cell Subset Is Associated with Natural Killer Cell Dysfunction in Chronic HIV-1 Clade C Infection. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 1205-1213	1.6	17
94	Plasma But Not Cerebrospinal Fluid Interleukin 7 and Interleukin 5 Levels Pre-Antiretroviral Therapy Commencement Predict Cryptococcosis-Associated Immune Reconstitution Inflammatory Syndrome. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1551-1559	11.6	15
93	Relationship of Human Immunodeficiency Virus Viral Load in Cerebrospinal Fluid and Plasma in Patients Co-infected With Cryptococcal Meningitis. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx032	1	8
92	Characterization of Nucleoside Reverse Transcriptase Inhibitor-Associated Mutations in the RNase H Region of HIV-1 Subtype C Infected Individuals. <i>Viruses</i> , 2017 , 9,	6.2	3
91	Plasma CXCL13 but Not B Cell Frequencies in Acute HIV Infection Predicts Emergence of Cross-Neutralizing Antibodies. <i>Frontiers in Immunology</i> , 2017 , 8, 1104	8.4	23
90	Cellular Architecture of Spinal Granulomas and the Immunological Response in Tuberculosis Patients Coinfected with HIV. <i>Frontiers in Immunology</i> , 2017 , 8, 1120	8.4	8
89	Clonal expansion of genome-intact HIV-1 in functionally polarized Th1 CD4+ T cells. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2689-2696	15.9	164
88	PARV4 prevalence, phylogeny, immunology and coinfection with HIV, HBV and HCV in a multicentre African cohort. <i>Wellcome Open Research</i> , 2017 , 2, 26	4.8	9
87	Nonprogressing HIV-infected children share fundamental immunological features of nonpathogenic SIV infection. <i>Science Translational Medicine</i> , 2016 , 8, 358ra125	17.5	80
86	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. <i>Lancet Infectious Diseases</i> , 2016 , 16, 441-8	25.5	73
85	Lower Viral Loads and Slower CD4+ T-Cell Count Decline in MRKAd5 HIV-1 Vaccinees Expressing Disease-Susceptible HLA-B*58:02. <i>Journal of Infectious Diseases</i> , 2016 , 214, 379-89	7	4
84	HLA-A is a Predictor of Hepatitis B e Antigen Status in HIV-Positive African Adults. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1248-52	7	7
83	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016 , 44, 391-405	32.3	99
82	HIV Disrupts Human T Cells That Target Mycobacterial Glycolipids. <i>Journal of Infectious Diseases</i> , 2016 , 213, 628-33	7	9
81	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. <i>PLoS ONE</i> , 2016 , 11, e0152184	3.7	16
80	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016 , 22, 606-13	50.5	66

79	CD8+ T Cell Breadth and Ex Vivo Virus Inhibition Capacity Distinguish between Viremic Controllers with and without Protective HLA Class I Alleles. <i>Journal of Virology</i> , 2016 , 90, 6818-6831	6.6	21
78	Latent and Active Tuberculosis Infection Increase Immune Activation in Individuals Co-Infected with HIV. <i>EBioMedicine</i> , 2015 , 2, 334-340	8.8	48
77	Broad and persistent Gag-specific CD8+ T-cell responses are associated with viral control but rarely drive viral escape during primary HIV-1 infection. <i>Aids</i> , 2015 , 29, 23-33	3.5	34
76	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. <i>Immunity</i> , 2015 , 43, 591-604	32.3	164
75	Genetic determinants of Nef-mediated CD4 and HLA class I down-regulation differences between HIV-1 subtypes B and C. <i>Virology Journal</i> , 2015 , 12, 200	6.1	6
74	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. <i>PLoS ONE</i> , 2015 , 10, e0119886	3.7	9
73	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. <i>PLoS Medicine</i> , 2015 , 12, e1001900; discussion e1001900	11.6	49
72	Sex Differences in Antiretroviral Therapy Initiation in Pediatric HIV Infection. <i>PLoS ONE</i> , 2015 , 10, e0131591	5.91	15
71	Prevalence and Characteristics of Hepatitis B Virus (HBV) Coinfection among HIV-Positive Women in South Africa and Botswana. <i>PLoS ONE</i> , 2015 , 10, e0134037	3.7	38
70	Discordant Impact of HLA on Viral Replicative Capacity and Disease Progression in Pediatric and Adult HIV Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004954	7.6	40
69	Viral immunology. Comprehensive serological profiling of human populations using a synthetic human virome. <i>Science</i> , 2015 , 348, aaa0698	33.3	231
68	Cervicovaginal bacteria are a major modulator of host inflammatory responses in the female genital tract. <i>Immunity</i> , 2015 , 42, 965-76	32.3	343
67	Biomarkers for Tuberculosis Based on Secreted, Species-Specific, Bacterial Small Molecules. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1827-34	7	12
66	HIV-1 vaccine immunogen design strategies. <i>Virology Journal</i> , 2015 , 12, 3	6.1	36
65	Implementation of couples voluntary HIV counseling and testing services in Durban, South Africa. <i>BMC Public Health</i> , 2015 , 15, 601	4.1	18
64	Co-infection with Mycobacterium tuberculosis impairs HIV-Specific CD8+ and CD4+ T cell functionality. <i>PLoS ONE</i> , 2015 , 10, e0118654	3.7	12
63	Knowledge of HIV serodiscordance, transmission, and prevention among couples in Durban, South Africa. <i>PLoS ONE</i> , 2015 , 10, e0124548	3.7	24
62	TRIM5 and TRIM22 are differentially regulated according to HIV-1 infection phase and compartment. <i>Journal of Virology</i> , 2014 , 88, 4291-303	6.6	17

61	HIV transmission. Selection bias at the heterosexual HIV-1 transmission bottleneck. <i>Science</i> , 2014 , 345, 1254031	33.3	177
60	Comparison of amplicor and GeneXpert MTB/RIF tests for diagnosis of tuberculous meningitis. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3777-80	9.7	21
59	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
58	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. <i>PLoS ONE</i> , 2014 , 9, e103983	3.7	10
57	The fitness landscape of HIV-1 gag: advanced modeling approaches and validation of model predictions by in vitro testing. <i>PLoS Computational Biology</i> , 2014 , 10, e1003776	5	93
56	Compartmentalization of innate immune responses in the central nervous system during cryptococcal meningitis/HIV coinfection. <i>Aids</i> , 2014 , 28, 657-66	3.5	18
55	Impact of HLA-driven HIV adaptation on virulence in populations of high HIV seroprevalence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5393-400	11.5	65
54	Regulatory T cells expanded from HIV-1-infected individuals maintain phenotype, TCR repertoire and suppressive capacity. <i>PLoS ONE</i> , 2014 , 9, e86920	3.7	6
53	Effect of female genital schistosomiasis and anti-schistosomal treatment on monocytes, CD4+ T-cells and CCR5 expression in the female genital tract. <i>PLoS ONE</i> , 2014 , 9, e98593	3.7	39
52	Ability of HIV-1 Nef to downregulate CD4 and HLA class I differs among viral subtypes. <i>Retrovirology</i> , 2013 , 10, 100	3.6	56
51	Translating HIV sequences into quantitative fitness landscapes predicts viral vulnerabilities for rational immunogen design. <i>Immunity</i> , 2013 , 38, 606-17	32.3	160
50	HLA-A*68:02-restricted Gag-specific cytotoxic T lymphocyte responses can drive selection pressure on HIV but are subdominant and ineffective. <i>Aids</i> , 2013 , 27, 1717-23	3.5	5
49	Diagnostic accuracy of quantitative PCR (Xpert MTB/RIF) for tuberculous meningitis in a high burden setting: a prospective study. <i>PLoS Medicine</i> , 2013 , 10, e1001536	11.6	117
48	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. <i>Journal of Infectious Diseases</i> , 2013 , 208, 1604-12	7	57
47	Clinical and mycological predictors of cryptococcosis-associated immune reconstitution inflammatory syndrome. <i>Aids</i> , 2013 , 27, 2089-99	3.5	79
46	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
45	Nef-specific CD8+ T cell responses contribute to HIV-1 immune control. <i>PLoS ONE</i> , 2013 , 8, e73117	3.7	30
44	Low levels of peripheral CD161++CD8+ mucosal associated invariant T (MAIT) cells are found in HIV and HIV/TB co-infection. <i>PLoS ONE</i> , 2013 , 8, e83474	3.7	76

43	Characterization of anti-HIV-1 neutralizing and binding antibodies in chronic HIV-1 subtype C infection. <i>Virology</i> , 2012 , 433, 410-20	3.6	2
42	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
41	Widespread impact of HLA restriction on immune control and escape pathways of HIV-1. <i>Journal of Virology</i> , 2012 , 86, 5230-43	6.6	90
40	Drug resistance pattern of HIV type 1 isolates sampled in 2007 from therapy-naive pregnant women in North-Central Nigeria. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 115-8	1.6	13
39	Impact of HLA-B*81-associated mutations in HIV-1 Gag on viral replication capacity. <i>Journal of Virology</i> , 2012 , 86, 3193-9	6.6	46
38	Drug resistance and coreceptor usage in HIV type 1 subtype C-infected children initiating or failing highly active antiretroviral therapy in South Africa. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 324-32	1.6	19
37	HIV control through a single nucleotide on the HLA-B locus. <i>Journal of Virology</i> , 2012 , 86, 11493-500	6.6	35
36	Differential clade-specific HLA-B*3501 association with HIV-1 disease outcome is linked to immunogenicity of a single Gag epitope. <i>Journal of Virology</i> , 2012 , 86, 12643-54	6.6	42
35	Preservation HIV-1-specific IFN γ CD4+ T-cell responses in breakthrough infections after exposure to tenofovir gel in the CAPRISA 004 microbicide trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 60, 124-7	3.1	13
34	Prospective monitoring reveals dynamic levels of T cell immunity to Mycobacterium tuberculosis in HIV infected individuals. <i>PLoS ONE</i> , 2012 , 7, e37920	3.7	6
33	Genetic characteristics, coreceptor usage potential and evolution of Nigerian HIV-1 subtype G and CRF02_AG isolates. <i>PLoS ONE</i> , 2011 , 6, e17865	3.7	15
32	HLArestrictor--a tool for patient-specific predictions of HLA restriction elements and optimal epitopes within peptides. <i>Immunogenetics</i> , 2011 , 63, 43-55	3.2	49
31	Influence of Gag-protease-mediated replication capacity on disease progression in individuals recently infected with HIV-1 subtype C. <i>Journal of Virology</i> , 2011 , 85, 3996-4006	6.6	42
30	Mosaic HIV-1 Gag antigens can be processed and presented to human HIV-specific CD8+ T cells. <i>Journal of Immunology</i> , 2011 , 186, 6914-24	5.3	28
29	Comparative utility of cytokine levels and quantitative RD-1-specific T cell responses for rapid immunodiagnosis of tuberculous meningitis. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 3971-6	9.7	10
28	Drug resistance and viral tropism in HIV-1 subtype C-infected patients in KwaZulu-Natal, South Africa: implications for future treatment options. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011 , 58, 233-40	3.1	20
27	TRIM E3 ligases in HIV infection: can these intrinsic immunity factors be harnessed for novel vaccines or therapies?. <i>Virulence</i> , 2011 , 2, 360-6	4.7	2
26	Extended high vireemics: a substantial fraction of individuals maintain high plasma viral RNA levels after acute HIV-1 subtype C infection. <i>Aids</i> , 2011 , 25, 1515-22	3.5	51

25	HLA-A*7401-mediated control of HIV viremia is independent of its linkage disequilibrium with HLA-B*5703. <i>Journal of Immunology</i> , 2011 , 186, 5675-86	5.3	45
24	Limited immunogenicity of HIV CD8+ T-cell epitopes in acute Clade C virus infection. <i>Journal of Infectious Diseases</i> , 2011 , 204, 768-76	7	29
23	Progression to AIDS in South Africa is associated with both reverting and compensatory viral mutations. <i>PLoS ONE</i> , 2011 , 6, e19018	3.7	50
22	Replicative capacity of human immunodeficiency virus type 1 transmitted from mother to child is associated with pediatric disease progression rate. <i>Journal of Virology</i> , 2010 , 84, 492-502	6.6	28
21	Gag-protease-mediated replication capacity in HIV-1 subtype C chronic infection: associations with HLA type and clinical parameters. <i>Journal of Virology</i> , 2010 , 84, 10820-31	6.6	71
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17	Immunodominant HIV-1-specific HLA-B- and HLA-C-restricted CD8+ T cells do not differ in polyfunctionality. <i>Virology</i> , 2010 , 405, 483-91	3.6	6
16	Human TRIM5alpha expression levels and reduced susceptibility to HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2009 , 199, 1657-63	7	41
15	Impact of HLA in mother and child on disease progression of pediatric human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2009 , 83, 10234-44	6.6	45
14	Impact of select immunologic and virologic biomarkers on CD4 cell count decrease in patients with chronic HIV-1 subtype C infection: results from Sinikithemba Cohort, Durban, South Africa. <i>Clinical Infectious Diseases</i> , 2009 , 49, 956-64	11.6	18
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12	HLA footprints on human immunodeficiency virus type 1 are associated with interclade polymorphisms and intraclade phylogenetic clustering. <i>Journal of Virology</i> , 2009 , 83, 4605-15	6.6	35
11	Functional and genetic analysis of coreceptor usage by dualtropic HIV-1 subtype C isolates. <i>Virology</i> , 2009 , 393, 56-67	3.6	13
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6	HIV-1 subtype C in vitro growth and coreceptor utilization. <i>Virology</i> , 2006 , 347, 247-60	3.6	42
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4	HIV status alters disease severity and immune cell responses in Δvariant SARS-CoV-2 infection wave		15
3	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		1
2	Integrated Single-Cell Analysis of Multicellular Immune Dynamics during Hyper-Acute HIV-1 Infection		4
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