

Frank Tanser

List of Publications by Year in descending order

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Version: 2024-02-01

302
papers

19,995
citations

22099

59
h-index

18075

120
g-index

333
all docs

333
docs citations

333
times ranked

22941
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021, 592, 438-443.	13.7	1,381
2	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2022, 603, 679-686.	13.7	1,210
3	Efficacy of the ChAdOx1 nCoV-19 Covid-19 Vaccine against the B.1.351 Variant. <i>New England Journal of Medicine</i> , 2021, 384, 1885-1898.	13.9	1,077
4	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma. <i>Nature Medicine</i> , 2021, 27, 622-625.	15.2	984
5	High Coverage of ART Associated with Decline in Risk of HIV Acquisition in Rural KwaZulu-Natal, South Africa. <i>Science</i> , 2013, 339, 966-971.	6.0	700
6	Escape of SARS-CoV-2 501Y.V2 from neutralization by convalescent plasma. <i>Nature</i> , 2021, 593, 142-146.	13.7	574
7	An automated genotyping system for analysis of HIV-1 and other microbial sequences. <i>Bioinformatics</i> , 2005, 21, 3797-3800.	1.8	468
8	Potential effect of climate change on malaria transmission in Africa. <i>Lancet, The</i> , 2003, 362, 1792-1798.	6.3	328
9	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021, 27, 440-446.	15.2	326
10	Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. <i>International Journal of Epidemiology</i> , 2008, 37, 956-962.	0.9	324
11	Mapping HIV prevalence in sub-Saharan Africa between 2000 and 2017. <i>Nature</i> , 2019, 570, 189-193.	13.7	314
12	Automated subtyping of HIV-1 genetic sequences for clinical and surveillance purposes: Performance evaluation of the new REGA version 3 and seven other tools. <i>Infection, Genetics and Evolution</i> , 2013, 19, 337-348.	1.0	313
13	HIV-1 drug resistance before initiation or re-initiation of first-line antiretroviral therapy in low-income and middle-income countries: a systematic review and meta-regression analysis. <i>Lancet Infectious Diseases, The</i> , 2018, 18, 346-355.	4.6	290
14	Genome Detective: an automated system for virus identification from high-throughput sequencing data. <i>Bioinformatics</i> , 2019, 35, 871-873.	1.8	254
15	Modelling and understanding primary health care accessibility and utilization in rural South Africa: An exploration using a geographical information system. <i>Social Science and Medicine</i> , 2006, 63, 691-705.	1.8	246
16	Microbial genome-wide association studies: lessons from human GWAS. <i>Nature Reviews Genetics</i> , 2017, 18, 41-50.	7.7	239
17	Transmission networks and risk of HIV infection in KwaZulu-Natal, South Africa: a community-wide phylogenetic study. <i>Lancet HIV, the</i> , 2017, 4, e41-e50.	2.1	220
18	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , 2021, 19, e3001236.	2.6	200

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19	Trends in obesity and diabetes across Africa from 1980 to 2014: an analysis of pooled population-based studies. <i>International Journal of Epidemiology</i> , 2017, 46, 1421-1432.	0.9	197
20	Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. <i>Lancet HIV</i> , 2018, 5, e116-e125.	2.1	187
21	The emergence and ongoing convergent evolution of the SARS-CoV-2 N501Y lineages. <i>Cell</i> , 2021, 184, 5189-5200.e7.	13.5	186
22	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015-2016: a modelling study. <i>Lancet Infectious Diseases</i> , 2017, 17, 330-338.	4.6	185
23	Localized spatial clustering of HIV infections in a widely disseminated rural South African epidemic. <i>International Journal of Epidemiology</i> , 2009, 38, 1008-1016.	0.9	173
24	SARS-CoV-2 prolonged infection during advanced HIV disease evolves extensive immune escape. <i>Cell Host and Microbe</i> , 2022, 30, 154-162.e5.	5.1	153
25	Two doses of SARS-CoV-2 vaccination induce robust immune responses to emerging SARS-CoV-2 variants of concern. <i>Nature Communications</i> , 2021, 12, 5061.	5.8	150
26	Adult mortality and antiretroviral treatment roll-out in rural KwaZulu-Natal, South Africa. <i>Bulletin of the World Health Organization</i> , 2009, 87, 754-762.	1.5	145
27	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	6.0	144
28	A standardized framework for accurate, high-throughput genotyping of recombinant and non-recombinant viral sequences. <i>Nucleic Acids Research</i> , 2009, 37, W634-W642.	6.5	142
29	The impact of antiretroviral treatment on the age composition of the HIV epidemic in sub-Saharan Africa. <i>Aids</i> , 2012, 26, S19-S30.	1.0	136
30	Uptake of Home-Based HIV Testing, Linkage to Care, and Community Attitudes about ART in Rural KwaZulu-Natal, South Africa: Descriptive Results from the First Phase of the ANRS 12249 TasP Cluster-Randomised Trial. <i>PLoS Medicine</i> , 2016, 13, e1002107.	3.9	135
31	Dramatic increase in HIV prevalence after scale-up of antiretroviral treatment. <i>Aids</i> , 2013, 27, 2301-2305.	1.0	134
32	Effect of concurrent sexual partnerships on rate of new HIV infections in a high-prevalence, rural South African population: a cohort study. <i>Lancet</i> , 2011, 378, 247-255.	6.3	133
33	Genome Detective Coronavirus Typing Tool for rapid identification and characterization of novel coronavirus genomes. <i>Bioinformatics</i> , 2020, 36, 3552-3555.	1.8	129
34	Elimination of HIV in South Africa through Expanded Access to Antiretroviral Therapy: A Model Comparison Study. <i>PLoS Medicine</i> , 2013, 10, e1001534.	3.9	124
35	Recent levels and trends in HIV incidence rates among adolescent girls and young women in ten high-prevalence African countries: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2019, 7, e1521-e1540.	2.9	118
36	Tracking the international spread of SARS-CoV-2 lineages B.1.1.7 and B.1.351/501Y-V2. <i>Wellcome Open Research</i> , 2021, 6, 121.	0.9	115

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37	HIV-1 and HCV sequences from Libyan outbreak. <i>Nature</i> , 2006, 444, 836-837.	13.7	114
38	Concentrated HIV subepidemics in generalized epidemic settings. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 115-125.	1.5	114
39	High HIV incidence in a community with high HIV prevalence in rural South Africa: findings from a prospective population-based study. <i>Aids</i> , 2008, 22, 139-144.	1.0	112
40	Mass HIV Treatment and Sex Disparities in Life Expectancy: Demographic Surveillance in Rural South Africa. <i>PLoS Medicine</i> , 2015, 12, e1001905.	3.9	109
41	Evaluation of the impact of immediate versus WHO recommendations-guided antiretroviral therapy initiation on HIV incidence: the ANRS 12249 TasP (Treatment as Prevention) trial in Hlabisa sub-district, KwaZulu-Natal, South Africa: study protocol for a cluster randomised controlled trial. <i>Trials</i> , 2013, 14, 230.	0.7	105
42	The application of geographical information systems to important public health problems in Africa. , 2002, 1, 4.		102
43	Declines in HIV incidence among men and women in a South African population-based cohort. <i>Nature Communications</i> , 2019, 10, 5482.	5.8	102
44	In A Study Of A Population Cohort In South Africa, HIV Patients On Antiretrovirals Had Nearly Full Recovery Of Employment. <i>Health Affairs</i> , 2012, 31, 1459-1469.	2.5	92
45	HIV treatment cascade in migrants and mobile populations. <i>Current Opinion in HIV and AIDS</i> , 2015, 10, 430-438.	1.5	92
46	Do Age-Disparate Relationships Drive HIV Incidence in Young Women? Evidence from a Population Cohort in Rural KwaZulu-Natal, South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 443-451.	0.9	88
47	Phylogenetic Studies of Transmission Dynamics in Generalized HIV Epidemics. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 67, 181-195.	0.9	80
48	New approaches to spatially analyse primary health care usage patterns in rural South Africa. <i>Tropical Medicine and International Health</i> , 2001, 6, 826-838.	1.0	78
49	Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	77
50	Time and Money. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 70, e52-e60.	0.9	74
51	Ageing with HIV in South Africa. <i>Aids</i> , 2011, 25, 1665-1667.	1.0	73
52	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. <i>Cell Host and Microbe</i> , 2021, 29, 1093-1110.	5.1	73
53	HIV-1 Drug Resistance Mutations: Potential Applications for Point-of-Care Genotypic Resistance Testing. <i>PLoS ONE</i> , 2015, 10, e0145772.	1.1	72
54	Population uptake of antiretroviral treatment through primary care in rural South Africa. <i>BMC Public Health</i> , 2010, 10, 585.	1.2	71

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55	Green environment and incident depression in South Africa: a geospatial analysis and mental health implications in a resource-limited setting. <i>Lancet Planetary Health</i> , The, 2017, 1, e152-e162.	5.1	71
56	Space-time migration patterns and risk of HIV acquisition in rural South Africa. <i>Aids</i> , 2017, 31, 137-145.	1.0	71
57	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.	2.9	70
58	Mapping the spatial variability of HIV infection in Sub-Saharan Africa: Effective information for localized HIV prevention and control. <i>Scientific Reports</i> , 2017, 7, 9093.	1.6	68
59	Sequential Broadening of CTL Responses in Early HIV-1 Infection Is Associated with Viral Escape. <i>PLoS ONE</i> , 2007, 2, e225.	1.1	68
60	Whole Genome Sequencing of SARS-CoV-2: Adapting Illumina Protocols for Quick and Accurate Outbreak Investigation during a Pandemic. <i>Genes</i> , 2020, 11, 949.	1.0	65
61	HIV heterogeneity and proximity of homestead to roads in rural South Africa: an exploration using a geographical information system. <i>Tropical Medicine and International Health</i> , 2000, 5, 40-46.	1.0	64
62	Early transmission of SARS-CoV-2 in South Africa: An epidemiological and phylogenetic report. <i>International Journal of Infectious Diseases</i> , 2021, 103, 234-241.	1.5	63
63	HIV Incidence in Rural South Africa: Comparison of Estimates from Longitudinal Surveillance and Cross-Sectional cBED Assay Testing. <i>PLoS ONE</i> , 2008, 3, e3640.	1.1	62
64	Yellow Fever Virus Reemergence and Spread in Southeast Brazil, 2016â€“2019. <i>Journal of Virology</i> , 2019, 94, .	1.5	62
65	Methodology for optimising location of new primary health care facilities in rural communities: a case study in KwaZulu-Natal, South Africa. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 846-850.	2.0	61
66	Levels of childhood vaccination coverage and the impact of maternal HIV status on child vaccination status in rural KwaZulu-Natal, South Africa*. <i>Tropical Medicine and International Health</i> , 2009, 14, 1383-1393.	1.0	61
67	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 0, , .	13.7	61
68	Effect of population viral load on prospective HIV incidence in a hyperendemic rural African community. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	60
69	Treatment eligibility and retention in clinical HIV care: A regression discontinuity study in South Africa. <i>PLoS Medicine</i> , 2017, 14, e1002463.	3.9	60
70	Incidence rate estimation, periodic testing and the limitations of the mid-point imputation approach. <i>International Journal of Epidemiology</i> , 2018, 47, 236-245.	0.9	60
71	Age-gaps in sexual partnerships: seeing beyond "sugar daddies"™. <i>Aids</i> , 2011, 25, 861-863.	1.0	59
72	Trends in Genotypic HIV-1 Antiretroviral Resistance between 2006 and 2012 in South African Patients Receiving First- and Second-Line Antiretroviral Treatment Regimens. <i>PLoS ONE</i> , 2013, 8, e67188.	1.1	59

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73	From HIV infection to therapeutic response: a population-based longitudinal HIV cascade-of-care study in KwaZulu-Natal, South Africa. <i>Lancet HIV</i> , 2017, 4, e223-e230.	2.1	59
74	Quantifying HIV transmission flow between high-prevalence hotspots and surrounding communities: a population-based study in Rakai, Uganda. <i>Lancet HIV</i> , 2020, 7, e173-e183.	2.1	59
75	Sexual partnership age pairings and risk of HIV acquisition in rural South Africa. <i>Aids</i> , 2017, 31, 1755-1764.	1.0	58
76	Occult HIV-1 drug resistance to thymidine analogues following failure of first-line tenofovir combined with a cytosine analogue and nevirapine or efavirenz in sub Saharan Africa: a retrospective multi-centre cohort study. <i>Lancet Infectious Diseases</i> , 2017, 17, 296-304.	4.6	58
77	The application of a remotely-sensed diversity index to monitor degradation patterns in a semi-arid, heterogeneous, South African landscape. <i>Journal of Arid Environments</i> , 1999, 43, 477-484.	1.2	55
78	Reduced efficacy of HIV-1 integrase inhibitors in patients with drug resistance mutations in reverse transcriptase. <i>Nature Communications</i> , 2020, 11, 5922.	5.8	55
79	Lack of a Decline in HIV Incidence in a Rural Community with High HIV Prevalence in South Africa, 2003-2007. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 405-409.	0.5	54
80	Decline in early life mortality in a high HIV prevalence rural area of South Africa: evidence of HIV prevention or treatment impact?. <i>Aids</i> , 2010, 24, 593-602.	1.0	54
81	Current Affairs of Microbial Genome-Wide Association Studies: Approaches, Bottlenecks and Analytical Pitfalls. <i>Frontiers in Microbiology</i> , 2019, 10, 3119.	1.5	54
82	Starting a Home and Mobile HIV Testing Service in a Rural Area of South Africa. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2012, 59, e43-e46.	0.9	53
83	The HIV-1 Subtype C Epidemic in South America Is Linked to the United Kingdom. <i>PLoS ONE</i> , 2010, 5, e9311.	1.1	53
84	Primary Drug Resistance in South Africa: Data from 10 Years of Surveys. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 558-565.	0.5	51
85	PANGEA-HIV: phylogenetics for generalised epidemics in Africa. <i>Lancet Infectious Diseases</i> , 2015, 15, 259-261.	4.6	51
86	Trends in Pretreatment HIV-1 Drug Resistance in Antiretroviral Therapy-naïve Adults in South Africa, 2000-2016: A Pooled Sequence Analysis. <i>EClinicalMedicine</i> , 2019, 9, 26-34.	3.2	51
87	High-Levels of Acquired Drug Resistance in Adult Patients Failing First-Line Antiretroviral Therapy in a Rural HIV Treatment Programme in KwaZulu-Natal, South Africa. <i>PLoS ONE</i> , 2013, 8, e72152.	1.1	51
88	Effectiveness of the Ad26.COVID.S vaccine in health-care workers in South Africa (the Sisonke study): results from a single-arm, open-label, phase 3B, implementation study. <i>Lancet</i> , 2022, 399, 1141-1153.	6.3	51
89	Twelve-year mortality in adults initiating antiretroviral therapy in South Africa. <i>Journal of the International AIDS Society</i> , 2017, 20, 21902.	1.2	50
90	Inferring HIV-1 transmission networks and sources of epidemic spread in Africa with deep-sequence phylogenetic analysis. <i>Nature Communications</i> , 2019, 10, 1411.	5.8	50

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91	Unlocking the efficiency of genomics laboratories with robotic liquid-handling. BMC Genomics, 2020, 21, 729.	1.2	50
92	Mapping Sites of Positive Selection and Amino Acid Diversification in the HIV Genome. Genetics, 2004, 167, 1047-1058.	1.2	49
93	Impact of Next-generation Sequencing Defined Human Immunodeficiency Virus Pretreatment Drug Resistance on Virological Outcomes in the ANRS 12249 Treatment-as-Prevention Trial. Clinical Infectious Diseases, 2019, 69, 207-214.	2.9	48
94	Population and antenatal-based HIV prevalence estimates in a high contracepting female population in rural South Africa. BMC Public Health, 2007, 7, 160.	1.2	47
95	The Impact of the New WHO Antiretroviral Treatment Guidelines on HIV Epidemic Dynamics and Cost in South Africa. PLoS ONE, 2011, 6, e21919.	1.1	47
96	The tuberculosis challenge in a rural South African HIV programme. BMC Infectious Diseases, 2010, 10, 23.	1.3	44
97	Use of antiretroviral therapy in households and risk of HIV acquisition in rural KwaZulu-Natal, South Africa, 2004-2012: a prospective cohort study. The Lancet Global Health, 2014, 2, e209-e215.	2.9	44
98	Identifying "corridors of HIV transmission" in a severely affected rural South African population: a case for a shift toward targeted prevention strategies. International Journal of Epidemiology, 2018, 47, 537-549.	0.9	44
99	Reduced antibody cross-reactivity following infection with B.1.1.7 than with parental SARS-CoV-2 strains. ELife, 2021, 10, .	2.8	42
100	Next Generation Sequencing and Bioinformatics Analysis of Family Genetic Inheritance. Frontiers in Genetics, 2020, 11, 544162.	1.1	41
101	The causal effect of childhood measles vaccination on educational attainment: A mother fixed-effects study in rural South Africa. Vaccine, 2015, 33, 5020-5026.	1.7	39
102	A comparison of death recording by health centres and civil registration in South Africans receiving antiretroviral treatment. Journal of the International AIDS Society, 2015, 18, 20628.	1.2	37
103	Virological Outcomes of Second-line Protease Inhibitor-Based Treatment for Human Immunodeficiency Virus Type 1 in a High-Prevalence Rural South African Setting: A Competing-Risks Prospective Cohort Analysis. Clinical Infectious Diseases, 2017, 64, 1006-1016.	2.9	37
104	The political theatre of the UK's travel ban on South Africa. Lancet, The, 2021, 398, 2211-2213.	6.3	37
105	Replacement of the Gamma by the Delta variant in Brazil: Impact of lineage displacement on the ongoing pandemic. Virus Evolution, 2022, 8, veac024.	2.2	37
106	Targeting the right interventions to the right people and places. Aids, 2018, 32, 957-963.	1.0	36
107	Spatial implications of the tuberculosis DOTS strategy in rural South Africa: a novel application of geographical information system and global positioning system technologies. Tropical Medicine and International Health, 1999, 4, 634-638.	1.0	35
108	Africa: tackle HIV and COVID-19 together. Nature, 2021, 600, 33-36.	13.7	35

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109	CD4 count at antiretroviral therapy initiation and the risk of loss to follow-up: results from a multicentre cohort study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 549-555.	2.0	34
110	The impact of population dynamics on the population <scp>HIV</scp> care cascade: results from the <scp>ANRS</scp> 12249 Treatment as Prevention trial in rural KwaZulu-Natal (South Africa). <i>Journal of the International AIDS Society</i> , 2018, 21, e25128.	1.2	34
111	Access to antiretroviral therapy in HIV-infected children aged 0-19 years in the International Epidemiology Databases to Evaluate AIDS (IeDEA) Global Cohort Consortium, 2004-2015: A prospective cohort study. <i>PLoS Medicine</i> , 2018, 15, e1002565.	3.9	33
112	Trends in HIV Prevention, Treatment, and Incidence in a Hyperendemic Area of KwaZulu-Natal, South Africa. <i>JAMA Network Open</i> , 2019, 2, e1914378.	2.8	33
113	Effects of Migration on Risky Sexual Behavior and HIV Acquisition in South Africa: A Systematic Review and Meta-analysis, 2000-2017. <i>AIDS and Behavior</i> , 2019, 23, 1396-1430.	1.4	33
114	Increasing HIV-1 Drug Resistance Between 2010 and 2012 in Adults Participating in Population-Based HIV Surveillance in Rural KwaZulu-Natal, South Africa. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 763-769.	0.5	32
115	Circulation of chikungunya virus East/Central/South African lineage in Rio de Janeiro, Brazil. <i>PLoS ONE</i> , 2019, 14, e0217871.	1.1	31
116	The potential impact of RV144-like vaccines in rural South Africa: A study using the STDSIM microsimulation model. <i>Vaccine</i> , 2011, 29, 6100-6106.	1.7	30
117	An Affordable HIV-1 Drug Resistance Monitoring Method for Resource Limited Settings. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	30
118	Optimal timing of antiretroviral treatment initiation in HIV-positive children and adolescents: a multiregional analysis from Southern Africa, West Africa and Europe. <i>International Journal of Epidemiology</i> , 2017, 46, dyw097.	0.9	30
119	Antiretroviral Therapy to Prevent HIV Acquisition in Serodiscordant Couples in a Hyperendemic Community in Rural South Africa. <i>Clinical Infectious Diseases</i> , 2016, 63, 548-554.	2.9	30
120	Immunogenicity of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection and Ad26.CoV2.S Vaccination in People Living With Human Immunodeficiency Virus (HIV). <i>Clinical Infectious Diseases</i> , 2022, 75, e857-e864.	2.9	30
121	Modelling HIV incidence and survival from age-specific seroprevalence after antiretroviral treatment scale-up in rural South Africa. <i>Aids</i> , 2013, 27, 2471-2479.	1.0	29
122	Age in antiretroviral therapy programmes in South Africa: a retrospective, multicentre, observational cohort study. <i>Lancet HIV</i> , 2015, 2, e368-e375.	2.1	29
123	Field and classroom initiatives for portable sequence-based monitoring of dengue virus in Brazil. <i>Nature Communications</i> , 2021, 12, 2296.	5.8	29
124	GIS/GPS to document increased access to community-based treatment for tuberculosis in Africa. <i>Lancet</i> , 1999, 354, 394-395.	6.3	28
125	Validating Five Questions of Antiretroviral Nonadherence in a Public-Sector Treatment Program in Rural South Africa. <i>AIDS Patient Care and STDs</i> , 2011, 25, 163-170.	1.1	28
126	Preventing Unintended Pregnancy and HIV Transmission. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 67, S218-S227.	0.9	28

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127	Mutational Correlates of Virological Failure in Individuals Receiving a WHO-Recommended Tenofovir-Containing First-Line Regimen: An International Collaboration. <i>EBioMedicine</i> , 2017, 18, 225-235.	2.7	28
128	Accelerating genomics-based surveillance for COVID-19 response in Africa. <i>Lancet Microbe</i> , The, 2020, 1, e227-e228.	3.4	28
129	HIV status alters disease severity and immune cell responses in Beta variant SARS-CoV-2 infection wave. <i>ELife</i> , 2021, 10, .	2.8	28
130	Implementing HIV-1 genotypic resistance testing in antiretroviral therapy programs in Africa: needs, opportunities, and challenges. <i>AIDS Reviews</i> , 2013, 15, 221-9.	0.5	28
131	Interventions to improve the performance of HIV health systems for treatment-as-prevention in sub-Saharan Africa. <i>Current Opinion in HIV and AIDS</i> , 2012, 7, 140-150.	1.5	27
132	Sexual behaviour in a rural high HIV prevalence South African community. <i>Aids</i> , 2013, 27, 2461-2470.	1.0	27
133	Searching for virus phylotypes. <i>Bioinformatics</i> , 2013, 29, 561-570.	1.8	27
134	Identifying Recent HIV Infections: From Serological Assays to Genomics. <i>Viruses</i> , 2015, 7, 5508-5524.	1.5	27
135	Determinants of time from HIV infection to linkage-to-care in rural KwaZulu-Natal, South Africa. <i>Aids</i> , 2017, 31, 1017-1024.	1.0	27
136	Trends in CD4 and viral load testing 2005 to 2018: multi-cohort study of people living with HIV in Southern Africa. <i>Journal of the International AIDS Society</i> , 2020, 23, e25546.	1.2	27
137	Genomic surveillance activities unveil the introduction of the SARS-CoV-2 B.1.525 variant of interest in Brazil: Case report. <i>Journal of Medical Virology</i> , 2021, 93, 5523-5526.	2.5	27
138	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage. <i>Nature Communications</i> , 2022, 13, 1976.	5.8	27
139	High percentage of undiagnosed HIV cases within a hyperendemic South African community: a population-based study. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 168-172.	2.0	25
140	Social exposure to an antiretroviral treatment programme in rural KwaZulu-Natal. <i>Tropical Medicine and International Health</i> , 2011, 16, 988-994.	1.0	24
141	Outcomes of Infants Starting Antiretroviral Therapy in Southern Africa, 2004-2012. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 69, 593-601.	0.9	24
142	Towards UNAIDS Fast-Track goals. <i>Aids</i> , 2019, 33, 305-314.	1.0	24
143	Prevalence of HIV type-1 drug-associated mutations in pre-therapy patients in the Free State, South Africa. <i>Antiviral Therapy</i> , 2009, 14, 975-984.	0.6	23
144	Using nearly full-genome HIV sequence data improves phylogeny reconstruction in a simulated epidemic. <i>Scientific Reports</i> , 2016, 6, 39489.	1.6	23

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145	Origin, imports and exports of HIV-1 subtype C in South Africa: A historical perspective. <i>Infection, Genetics and Evolution</i> , 2016, 46, 200-208.	1.0	23
146	Rates of virological suppression and drug resistance in adult HIV-1-positive patients attending primary healthcare facilities in KwaZulu-Natal, South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3141-3148.	1.3	23
147	SARS-CoV-2 shifting transmission dynamics and hidden reservoirs potentially limit efficacy of public health interventions in Italy. <i>Communications Biology</i> , 2021, 4, 489.	2.0	23
148	Identification of SARS-CoV-2 Omicron variant using spike gene target failure and genotyping assays, Gauteng, South Africa, 2021. <i>Journal of Medical Virology</i> , 2022, 94, 3676-3684.	2.5	23
149	Tracking external introductions of HIV using phylodynamics reveals a major source of infections in rural KwaZulu-Natal, South Africa. <i>Virus Evolution</i> , 2018, 4, vey037.	2.2	22
150	Spatial structure of depression in South Africa: A longitudinal panel survey of a nationally representative sample of households. <i>Scientific Reports</i> , 2019, 9, 979.	1.6	22
151	Potential Impact and Cost-Effectiveness of Condomless-Sex-“Concentrated PrEP in KwaZulu-Natal Accounting for Drug Resistance. <i>Journal of Infectious Diseases</i> , 2021, 223, 1345-1355.	1.9	22
152	Beyond HIV prevalence: identifying people living with HIV within underserved areas in South Africa. <i>BMJ Global Health</i> , 2021, 6, e004089.	2.0	22
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