

Frank Tanser

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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.

311 papers	12,698 citations	53 h-index	104 g-index
333 ext. papers	17,257 ext. citations	8.7 avg, IF	6.66 L-index

#	Paper	IF	Citations
311	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , 2021 , 592, 438-443	50.4	685
310	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma. <i>Nature Medicine</i> , 2021 , 27, 622-625	50.5	670
309	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	59.2	639
308	High coverage of ART associated with decline in risk of HIV acquisition in rural KwaZulu-Natal, South Africa. <i>Science</i> , 2013 , 339, 966-71	33.3	585
307	An automated genotyping system for analysis of HIV-1 and other microbial sequences. <i>Bioinformatics</i> , 2005 , 21, 3797-800	7.2	416
306	Escape of SARS-CoV-2 501Y.V2 from neutralization by convalescent plasma. <i>Nature</i> , 2021 , 593, 142-146	50.4	344
305	Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. <i>International Journal of Epidemiology</i> , 2008 , 37, 956-62	7.8	279
304	Potential effect of climate change on malaria transmission in Africa. <i>Lancet, The</i> , 2003 , 362, 1792-8	40	267
303	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, 337-48	4.5	229
302	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , 2021 , 27, 440-446	50.5	206
301	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa.. <i>Nature</i> , 2022 ,	50.4	205
300	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	5.1	204
299	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	25.5	200
298	SARS-CoV-2 501Y.V2 escapes neutralization by South African COVID-19 donor plasma 2021 ,		183
297	Mapping HIV prevalence in sub-Saharan Africa between 2000 and 2017. <i>Nature</i> , 2019 , 570, 189-193	50.4	161
296	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	7.8	158
295	Localized spatial clustering of HIV infections in a widely disseminated rural South African epidemic. <i>International Journal of Epidemiology</i> , 2009 , 38, 1008-16	7.8	144

294	Spread of yellow fever virus outbreak in Angola and the Democratic Republic of the Congo 2015-16: a modelling study. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 330-338	25.5	140
293	Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. <i>Lancet HIV,the</i> , 2018 , 5, e116-e125	7.8	140
292	Microbial genome-wide association studies: lessons from human GWAS. <i>Nature Reviews Genetics</i> , 2017 , 18, 41-50	30.1	137
291	Adult mortality and antiretroviral treatment roll-out in rural KwaZulu-Natal, South Africa. <i>Bulletin of the World Health Organization</i> , 2009 , 87, 754-62	8.2	132
290	A standardized framework for accurate, high-throughput genotyping of recombinant and non-recombinant viral sequences. <i>Nucleic Acids Research</i> , 2009 , 37, W634-42	20.1	128
289	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	7.8	127
288	Effect of concurrent sexual partnerships on rate of new HIV infections in a high-prevalence, rural South African population: a cohort study. <i>Lancet, The</i> , 2011 , 378, 247-55	40	123
287	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	11.6	121
286	Dramatic increase in HIV prevalence after scale-up of antiretroviral treatment. <i>Aids</i> , 2013 , 27, 2301-5	3.5	118
285	The impact of antiretroviral treatment on the age composition of the HIV epidemic in sub-Saharan Africa. <i>Aids</i> , 2012 , 26 Suppl 1, S19-30	3.5	114
284	Genome Detective: an automated system for virus identification from high-throughput sequencing data. <i>Bioinformatics</i> , 2019 , 35, 871-873	7.2	109
283	Elimination of HIV in South Africa through expanded access to antiretroviral therapy: a model comparison study. <i>PLoS Medicine</i> , 2013 , 10, e1001534	11.6	106
282	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, 139-44	3.5	103
281	Molecular epidemiology: HIV-1 and HCV sequences from Libyan outbreak. <i>Nature</i> , 2006 , 444, 836-7	50.4	99
280	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	2.8	93
279	Concentrated HIV subepidemics in generalized epidemic settings. <i>Current Opinion in HIV and AIDS</i> , 2014 , 9, 115-25	4.2	91
278	Mass HIV Treatment and Sex Disparities in Life Expectancy: Demographic Surveillance in Rural South Africa. <i>PLoS Medicine</i> , 2015 , 12, e1001905; discussion e1001905	11.6	90
277	Genome Detective Coronavirus Typing Tool for rapid identification and characterization of novel coronavirus genomes. <i>Bioinformatics</i> , 2020 , 36, 3552-3555	7.2	89

276	Multiplex qPCR discriminates variants of concern to enhance global surveillance of SARS-CoV-2. <i>PLoS Biology</i> , 2021 , 19, e3001236	9.7	85
275	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, 1459-69	7	84
274	The application of geographical information systems to important public health problems in Africa. <i>International Journal of Health Geographics</i> , 2002 , 1, 4	3.5	78
273	A1 Pairwise diversity and tMRCA as potential markers of HIV infection recency. <i>Virus Evolution</i> , 2018 , 4,	3.7	78
272	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, 443-51	3.1	75
271	Escape of SARS-CoV-2 501Y.V2 from neutralization by convalescent plasma		71
270	New approaches to spatially analyse primary health care usage patterns in rural South Africa. <i>Tropical Medicine and International Health</i> , 2001 , 6, 826-38	2.3	70
269	Phylogenetic studies of transmission dynamics in generalized HIV epidemics: an essential tool where the burden is greatest?. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 67, 181-95	3.1	68
268	Population uptake of antiretroviral treatment through primary care in rural South Africa. <i>BMC Public Health</i> , 2010 , 10, 585	4.1	66
267	HIV treatment cascade in migrants and mobile populations. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 430-8	4.2	65
266	Sequential broadening of CTL responses in early HIV-1 infection is associated with viral escape. <i>PLoS ONE</i> , 2007 , 2, e225	3.7	64
265	Ageing with HIV in South Africa. <i>Aids</i> , 2011 , 25, 1665-7	3.5	61
264	The emergence and ongoing convergent evolution of the SARS-CoV-2 N501Y lineages. <i>Cell</i> , 2021 , 184, 5189-5200.e7	56.2	61
263	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, 40-6	2.3	59
262	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	3.7	58
261	HIV-1 Drug Resistance Mutations: Potential Applications for Point-of-Care Genotypic Resistance Testing. <i>PLoS ONE</i> , 2015 , 10, e0145772	3.7	58
260	Space-time migration patterns and risk of HIV acquisition in rural South Africa. <i>Aids</i> , 2017 , 31, 137-145	3.5	56
259	Time and Money: The True Costs of Health Care Utilization for Patients Receiving "Free" HIV/Tuberculosis Care and Treatment in Rural KwaZulu-Natal. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, e52-60	3.1	54

258	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	7.8	52
257	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	3.7	52
256	Age-gaps in sexual partnerships: seeing beyond Sugar daddies? <i>Aids</i> , 2011 , 25, 861-3	3.5	52
255	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, 1383-93	2.3	52
254	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, 405-9	1.6	51
253	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	2.5	48
252	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	3.7	48
251	Starting a home and mobile HIV testing service in a rural area of South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 59, e43-6	3.1	47
250	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	25.5	46
249	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	13.6	46
248	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	3.5	46
247	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	4.8	46
246	Primary drug resistance in South Africa: data from 10 years of surveys. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 558-65	1.6	45
245	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, 846-50	5.1	45
244	The HIV-1 subtype C epidemic in South America is linked to the United Kingdom. <i>PLoS ONE</i> , 2010 , 5, e93117	3.7	45
243	Sexual partnership age pairings and risk of HIV acquisition in rural South Africa. <i>Aids</i> , 2017 , 31, 1755-1764	3.5	44
242	The impact of the new WHO antiretroviral treatment guidelines on HIV epidemic dynamics and cost in South Africa. <i>PLoS ONE</i> , 2011 , 6, e21919	3.7	44
241	Treatment eligibility and retention in clinical HIV care: A regression discontinuity study in South Africa. <i>PLoS Medicine</i> , 2017 , 14, e1002463	11.6	43

240	Declines in HIV incidence among men and women in a South African population-based cohort. <i>Nature Communications</i> , 2019 , 10, 5482	17.4	43
239	Use of antiretroviral therapy in households and risk of HIV acquisition in rural KwaZulu-Natal, South Africa, 2004–12: a prospective cohort study. <i>The Lancet Global Health</i> , 2014 , 2, e209-15	13.6	42
238	Population and antenatal-based HIV prevalence estimates in a high contracepting female population in rural South Africa. <i>BMC Public Health</i> , 2007 , 7, 160	4.1	42
237	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	17.4	42
236	Effect of population viral load on prospective HIV incidence in a hyperendemic rural African community. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	41
235	Mapping sites of positive selection and amino acid diversification in the HIV genome: an alternative approach to vaccine design?. <i>Genetics</i> , 2004 , 167, 1047-58	4	41
234	Twelve-year mortality in adults initiating antiretroviral therapy in South Africa. <i>Journal of the International AIDS Society</i> , 2017 , 20, 21902	5.4	40
233	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	4.9	39
232	PANGEA-HIV: phylogenetics for generalised epidemics in Africa. <i>Lancet Infectious Diseases</i> , 2015 , 15, 259-61	25.5	39
231	Whole Genome Sequencing of SARS-CoV-2: Adapting Illumina Protocols for Quick and Accurate Outbreak Investigation during a Pandemic. <i>Genes</i> , 2020 , 11,	4.2	39
230	Impact of Next-generation Sequencing Defined Human Immunodeficiency Virus Pretreatment Drug Resistance on Virological Outcomes in the ANRS 12249 Treatment-as-Prevention Trial. <i>Clinical Infectious Diseases</i> , 2019 , 69, 207-214	11.6	38
229	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	10.5	37
228	Identifying corridors of HIV transmission on a severely affected rural South African population: a case for a shift toward targeted prevention strategies. <i>International Journal of Epidemiology</i> , 2018 , 47, 537-549	7.8	36
227	Incidence rate estimation, periodic testing and the limitations of the mid-point imputation approach. <i>International Journal of Epidemiology</i> , 2018 , 47, 236-245	7.8	36
226	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
225	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> , 2017 , 1, e152-e162	9.8	34
224	The tuberculosis challenge in a rural South African HIV programme. <i>BMC Infectious Diseases</i> , 2010 , 10, 23	4	34
223	Spatial implications of the tuberculosis DOTS strategy in rural South Africa: a novel application of geographical information system and global positioning system technologies. <i>Tropical Medicine and International Health</i> , 1999 , 4, 634-8	2.3	31

222	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	11.3	29
221	Yellow Fever Virus Reemergence and Spread in Southeast Brazil, 2016-2019. <i>Journal of Virology</i> , 2019 , 94,	6.6	29
220	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, 549-55	5.1	28
219	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, 763-9	1.6	28
218	A comparison of death recording by health centres and civil registration in South Africans receiving antiretroviral treatment. <i>Journal of the International AIDS Society</i> , 2015 , 18, 20628	5.4	27
217	Sexual behaviour in a rural high HIV prevalence South African community: time trends in the antiretroviral treatment era. <i>Aids</i> , 2013 , 27, 2461-70	3.5	27
216	Inferring HIV-1 transmission networks and sources of epidemic spread in Africa with deep-sequence phylogenetic analysis. <i>Nature Communications</i> , 2019 , 10, 1411	17.4	26
215	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	7.8	26
214	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. <i>Clinical Infectious Diseases</i> , 2017 , 64, 1006-1016	11.6	26
213	Modelling HIV incidence and survival from age-specific seroprevalence after antiretroviral treatment scale-up in rural South Africa. <i>Aids</i> , 2013 , 27, 2471-9	3.5	26
212	Interventions to improve the performance of HIV health systems for treatment-as-prevention in sub-Saharan Africa: the experimental evidence. <i>Current Opinion in HIV and AIDS</i> , 2012 , 7, 140-50	4.2	26
211	Implementing HIV-1 genotypic resistance testing in antiretroviral therapy programs in Africa: needs, opportunities, and challenges. <i>AIDS Reviews</i> , 2013 , 15, 221-9	1.5	26
210	Reduced antibody cross-reactivity following infection with B.1.1.7 than with parental SARS-CoV-2 strains. <i>ELife</i> , 2021 , 10,	8.9	26
209	Global disparities in SARS-CoV-2 genomic surveillance 2021 ,		26
208	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	8.8	25
207	Searching for virus phylotypes. <i>Bioinformatics</i> , 2013 , 29, 561-70	7.2	25
206	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, 163-70	5.8	25
205	Age in antiretroviral therapy programmes in South Africa: a retrospective, multicentre, observational cohort study. <i>Lancet HIV</i> , 2015 , 2, e368-75	7.8	24

204	Antiretroviral Therapy to Prevent HIV Acquisition in Serodiscordant Couples in a Hyperendemic Community in Rural South Africa. <i>Clinical Infectious Diseases</i> , 2016 , 63, 548-54	11.6	24
203	An affordable HIV-1 drug resistance monitoring method for resource limited settings. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	24
202	Preventing unintended pregnancy and HIV transmission: effects of the HIV treatment cascade on contraceptive use and choice in rural KwaZulu-Natal. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 67 Suppl 4, S218-27	3.1	24
201	The potential impact of RV144-like vaccines in rural South Africa: a study using the STDSIM microsimulation model. <i>Vaccine</i> , 2011 , 29, 6100-6	4.1	24
200	Targeting the right interventions to the right people and places: the role of geospatial analysis in HIV program planning. <i>Aids</i> , 2018 , 32, 957-963	3.5	23
199	Identifying Recent HIV Infections: From Serological Assays to Genomics. <i>Viruses</i> , 2015 , 7, 5508-24	6.2	23
198	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, 453-465	7.8	23
197	Emergence and phenotypic characterization of C.1.2, a globally detected lineage that rapidly accumulated mutations of concern		23
196	The causal effect of childhood measles vaccination on educational attainment: A mother fixed-effects study in rural South Africa. <i>Vaccine</i> , 2015 , 33, 5020-6	4.1	22
195	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	4.5	22
194	GIS/GPS to document increased access to community-based treatment for tuberculosis in Africa. Geographic information system/global positioning system. <i>Lancet, The</i> , 1999 , 354, 394-5	4.0	22
193	SARS-CoV-2 prolonged infection during advanced HIV disease evolves extensive immune escape.. <i>Cell Host and Microbe</i> , 2022 ,	23.4	22
192	Reduced efficacy of HIV-1 integrase inhibitors in patients with drug resistance mutations in reverse transcriptase. <i>Nature Communications</i> , 2020 , 11, 5922	17.4	22
191	Determinants of time from HIV infection to linkage-to-care in rural KwaZulu-Natal, South Africa. <i>Aids</i> , 2017 , 31, 1017-1024	3.5	21
190	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	11.6	21
189	Social exposure to an antiretroviral treatment programme in rural KwaZulu-Natal. <i>Tropical Medicine and International Health</i> , 2011 , 16, 988-94	2.3	21
188	Prevalence of HIV type-1 drug-associated mutations in pre-therapy patients in the Free State, South Africa. <i>Antiviral Therapy</i> , 2009 , 14, 975-84	1.6	21
187	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	5.1	21

186	Current Affairs of Microbial Genome-Wide Association Studies: Approaches, Bottlenecks and Analytical Pitfalls. <i>Frontiers in Microbiology</i> , 2019 , 10, 3119	5.7	20
185	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> ,	50.4	20
184	Early transmission of SARS-CoV-2 in South Africa: An epidemiological and phylogenetic report 2020 ,		20
183	Using nearly full-genome HIV sequence data improves phylogeny reconstruction in a simulated epidemic. <i>Scientific Reports</i> , 2016 , 6, 39489	4.9	20
182	The impact of population dynamics on the population HIV care cascade: results from the ANRS 12249 Treatment as Prevention trial in rural KwaZulu-Natal (South Africa). <i>Journal of the International AIDS Society</i> , 2018 , 21 Suppl 4, e25128	5.4	20
181	Outcomes of Infants Starting Antiretroviral Therapy in Southern Africa, 2004-2012. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 69, 593-601	3.1	19
180	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
179	Effect of eliminating CD4-count thresholds on HIV treatment initiation in South Africa: An empirical modeling study. <i>PLoS ONE</i> , 2017 , 12, e0178249	3.7	18
178	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	4.3	18
177	Trends in HIV Prevention, Treatment, and Incidence in a Hyperendemic Area of KwaZulu-Natal, South Africa. <i>JAMA Network Open</i> , 2019 , 2, e1914378	10.4	17
176	Growth and Mortality Outcomes for Different Antiretroviral Therapy Initiation Criteria in Children Ages 1-5 Years: A Causal Modeling Analysis. <i>Epidemiology</i> , 2016 , 27, 237-46	3.1	17
175	Drug resistance in children at virological failure in a rural KwaZulu-Natal, South Africa, cohort. <i>AIDS Research and Therapy</i> , 2014 , 11, 3	3	17
174	A novel variant of interest of SARS-CoV-2 with multiple spike mutations detected through travel surveillance in Africa		17
173	Circulation of chikungunya virus East/Central/South African lineage in Rio de Janeiro, Brazil. <i>PLoS ONE</i> , 2019 , 14, e0217871	3.7	16
172	Partner Age-Disparity and HIV Incidence Risk for Older Women in Rural South Africa. <i>AIDS and Behavior</i> , 2015 , 19, 1317-26	4.3	16
171	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	5.1	16
170	Assessing the validity of respondents' reports of their partners' ages in a rural South African population-based cohort. <i>BMJ Open</i> , 2015 , 5, e005638	3	16
169	SARS-CoV-2 501Y.V2 (B.1.351) elicits cross-reactive neutralizing antibodies 2021 ,		16

168	Do gifts increase consent to home-based HIV testing? A difference-in-differences study in rural KwaZulu-Natal, South Africa. <i>International Journal of Epidemiology</i> , 2016 , 45, 2100-2109	7.8	16
167	Towards UNAIDS Fast-Track goals: targeting priority geographic areas for HIV prevention and care in Zimbabwe. <i>Aids</i> , 2019 , 33, 305-314	3.5	16
166	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
165	Social Disequilibrium and the Risk of HIV Acquisition: A Multilevel Study in Rural KwaZulu-Natal Province, South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 75, 164-174	3.1	15
164	Spatial clustering of all-cause and HIV-related mortality in a rural South African population (2000-2006). <i>PLoS ONE</i> , 2013 , 8, e69279	3.7	15
163	High Resolution analysis of Transmission Dynamics of Sars-Cov-2 in Two Major Hospital Outbreaks in South Africa Leveraging Intrahost Diversity 2020 ,		15
162	Kaposi Sarcoma Risk in HIV-Infected Children and Adolescents on Combination Antiretroviral Therapy From Sub-Saharan Africa, Europe, and Asia. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1245-1253	11.6	15
161	Moderate-to-High Levels of Pretreatment HIV Drug Resistance in KwaZulu-Natal Province, South Africa. <i>AIDS Research and Human Retroviruses</i> , 2019 , 35, 129-138	1.6	15
160	PCR assay to enhance global surveillance for SARS-CoV-2 variants of concern 2021 ,		15
159	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	3.7	15
158	Implementing antiretroviral resistance testing in a primary health care HIV treatment programme in rural KwaZulu-Natal, South Africa: early experiences, achievements and challenges. <i>BMC Health Services Research</i> , 2014 , 14, 116	2.9	14
157	HIV-1 adaptation to antigen processing results in population-level immune evasion and affects subtype diversification. <i>Cell Reports</i> , 2014 , 7, 448-463	10.6	14
156	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
155	Understanding Specific Contexts of Antiretroviral Therapy Adherence in Rural South Africa: A Thematic Analysis of Digital Stories from a Community with High HIV Prevalence. <i>PLoS ONE</i> , 2016 , 11, e0148801	3.7	14
154	Failure to initiate HIV treatment in patients with high CD4 counts: evidence from demographic surveillance in rural South Africa. <i>Tropical Medicine and International Health</i> , 2018 , 23, 206-220	2.3	14
153	HIV-1 full-genome phylogenetics of generalized epidemics in sub-Saharan Africa: impact of missing nucleotide characters in next-generation sequences. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 1083-1098	1.6	13
152	Proximity to healthcare clinic and depression risk in South Africa: geospatial evidence from a nationally representative longitudinal study. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2017 , 52, 1023-1030	4.5	13
151	The state of the HIV epidemic in rural KwaZulu-Natal, South Africa: a novel application of disease metrics to assess trajectories and highlight areas for intervention. <i>International Journal of Epidemiology</i> , 2020 , 49, 666-675	7.8	13

150	Capturing the spatial variability of HIV epidemics in South Africa and Tanzania using routine healthcare facility data. <i>International Journal of Health Geographics</i> , 2018 , 17, 27	3.5	13
149	Innovations in health and demographic surveillance systems to establish the causal impacts of HIV policies. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 483-94	4.2	13
148	Protocol: Leveraging a demographic and health surveillance system for Covid-19 Surveillance in rural KwaZulu-Natal. <i>Wellcome Open Research</i> , 2020 , 5, 109	4.8	13
147	Protocol: Leveraging a demographic and health surveillance system for Covid-19 Surveillance in rural KwaZulu-Natal. <i>Wellcome Open Research</i> , 2020 , 5, 109	4.8	13
146	Genome-Wide Association Study of HIV Whole Genome Sequences Validated using Drug Resistance. <i>PLoS ONE</i> , 2016 , 11, e0163746	3.7	13
145	CD4+ T-cell Count may not be a Useful Strategy to Monitor Antiretroviral Therapy Response in HTLV-1/HIV Co-infected Patients. <i>Current HIV Research</i> , 2017 , 15, 225-231	1.3	13
144	Accelerating genomics-based surveillance for COVID-19 response in Africa. <i>Lancet Microbe, The</i> , 2020 , 1, e227-e228	22.2	13
143	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	6.7	13
142	The Effect of HIV and the Modifying Effect of Anti-Retroviral Therapy (ART) on Body Mass Index (BMI) and Blood Pressure Levels in Rural South Africa. <i>PLoS ONE</i> , 2016 , 11, e0158264	3.7	13
141	Community viral load as an index of HIV transmission potential. <i>Lancet HIV,the</i> , 2016 , 3, e152-4	7.8	12
140	Has the phasing out of stavudine in accordance with changes in WHO guidelines led to a decrease in single-drug substitutions in first-line antiretroviral therapy for HIV in sub-Saharan Africa?. <i>Aids</i> , 2017 , 31, 147-157	3.5	12
139	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa		12
138	The political theatre of the UK's travel ban on South Africa. <i>Lancet, The</i> , 2021 ,	4.0	12
137	Impact of the scale-up of piped water on urogenital schistosomiasis infection in rural South Africa. <i>ELife</i> , 2018 , 7,	8.9	12
136	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	4.9	11
135	A decade of sustained geographic spread of HIV infections among women in Durban, South Africa. <i>BMC Infectious Diseases</i> , 2019 , 19, 500	4	11
134	Effect of ART scale-up and female migration intensity on risk of HIV acquisition: results from a population-based cohort in KwaZulu-Natal, South Africa. <i>BMC Public Health</i> , 2019 , 19, 196	4.1	11
133	Short communication: Prioritizing communities for HIV prevention in sub-Saharan Africa. <i>AIDS Research and Human Retroviruses</i> , 2010 , 26, 401-5	1.6	11

132	Next Generation Sequencing and Bioinformatics Analysis of Family Genetic Inheritance. <i>Frontiers in Genetics</i> , 2020 , 11, 544162	4.5	11
131	Life expectancy trends in adults on antiretroviral treatment in South Africa. <i>Aids</i> , 2016 , 30, 2545-2550	3.5	11
130	Early Detection of Emergent Extensively Drug-Resistant Tuberculosis by Flow Cytometry-Based Phenotyping and Whole-Genome Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
129	The Impact of Delayed Switch to Second-Line Antiretroviral Therapy on Mortality, Depending on Definition of Failure Time and CD4 Count at Failure. <i>American Journal of Epidemiology</i> , 2020 , 189, 811-819	3.8	10
128	The Amagugu intervention for disclosure of maternal HIV to uninfected primary school-aged children in South Africa: a randomised controlled trial. <i>Lancet HIV</i> , 2017 , 4, e566-e576	7.8	10
127	Determinants and spatial patterns of adult overweight and hypertension in a high HIV prevalence rural South African population. <i>Health and Place</i> , 2012 , 18, 1300-6	4.6	10
126	Rethinking the role of the local community in HIV epidemic spread in sub-Saharan Africa: a proximate-determinants approach. <i>HIV Therapy</i> , 2009 , 3, 435-445		10
125	Genome Detective Coronavirus Typing Tool for rapid identification and characterization of novel coronavirus genomes 2020 ,		10
124	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	19.7	10
123	Does Incident Circumcision Lead to Risk Compensation? Evidence From a Population Cohort in KwaZulu-Natal, South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 80, 269-275	3.1	10
122	Predicted antiviral activity of tenofovir versus abacavir in combination with a cytosine analogue and the integrase inhibitor dolutegravir in HIV-1-infected South African patients initiating or failing first-line ART. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 473-479	5.1	10
121	Unravelling the complicated evolutionary and dissemination history of HIV-1M subtype A lineages. <i>Virus Evolution</i> , 2018 , 4, vey003	3.7	9
120	Impact of early antiretroviral therapy eligibility on HIV acquisition: household-level evidence from rural South Africa. <i>Aids</i> , 2018 , 32, 635-643	3.5	9
119	Longitudinal Trends in the Prevalence of Detectable HIV Viremia: Population-Based Evidence From Rural KwaZulu-Natal, South Africa. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1254-1260	11.6	9
118	Reducing CD4 Monitoring in Children on Antiretroviral Therapy With Virologic Suppression. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, 1361-4	3.4	9
117	High rates of homicide in a rural South African population (2000-2008): findings from a population-based cohort study. <i>Population Health Metrics</i> , 2015 , 13, 20	3	9
116	The Art of HIV Elimination: Past and Present Science. <i>Journal of AIDS & Clinical Research</i> , 2015 , 6,	1	9
115	Indoor residual spraying for preventing malaria 2007 ,		9

114	Africa: tackle HIV and COVID-19 together. <i>Nature</i> , 2021 , 600, 33-36	50.4	9
113	BMI and All-Cause Mortality in a Population-Based Cohort in Rural South Africa. <i>Obesity</i> , 2020 , 28, 2414-2423	24.23	9
112	Analysis of Viral Diversity in Relation to the Recency of HIV-1C Infection in Botswana. <i>PLoS ONE</i> , 2016 , 11, e0160649	3.7	9
111	The Development of Computational Biology in South Africa: Successes Achieved and Lessons Learnt. <i>PLoS Computational Biology</i> , 2016 , 12, e1004395	5	9
110	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	7	9
109	Multiple Early Introductions of SARS-CoV-2 to Cape Town, South Africa. <i>Viruses</i> , 2021 , 13,	6.2	9
108	Structural barriers to antiretroviral treatment: a study using population-based CD4 cell count and linked antiretroviral treatment programme data. <i>Lancet, The</i> , 2013 , 382, S5	40	8
107	Detection of transmission clusters of HIV-1 subtype C over a 21-year period in Cape Town, South Africa. <i>PLoS ONE</i> , 2014 , 9, e109296	3.7	8
106	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
105	Mapping male circumcision for HIV prevention efforts in sub-Saharan Africa. <i>BMC Medicine</i> , 2020 , 18, 189	11.4	8
104	The Effect of Antiretroviral Treatment on Health Care Utilization in Rural South Africa: A Population-Based Cohort Study. <i>PLoS ONE</i> , 2016 , 11, e0158015	3.7	8
103	Community engagement with HIV drug adherence in rural South Africa: a transdisciplinary approach. <i>Medical Humanities</i> , 2018 , 44, 239-246	1.4	8
102	Sources of social support and sexual behaviour advice for young adults in rural South Africa. <i>BMJ Global Health</i> , 2018 , 3, e000955	6.6	8
101	The impact of lay counselors on HIV testing rates: quasi-experimental evidence from lay counselor redeployment in KwaZulu-Natal, South Africa. <i>Aids</i> , 2018 , 32, 2067-2073	3.5	8
100	Association between internal migration and epidemic dynamics: an analysis of cause-specific mortality in Kenya and South Africa using health and demographic surveillance data. <i>BMC Public Health</i> , 2018 , 18, 918	4.1	8
99	Primary HIV-1 Drug Resistant Minority Variants. <i>AIDS Reviews</i> , 2017 , 19, 89-96	1.5	8
98	Spatial-temporal trends and risk factors for undernutrition and obesity among children (. <i>BMJ Open</i> , 2020 , 10, e034476	3	7
97	Cohort profile: the Hlabisa pregnancy cohort, KwaZulu-Natal, South Africa. <i>BMJ Open</i> , 2016 , 6, e012088	3	7

96	Southern African Treatment Resistance Network (SATuRN) RegaDB HIV drug resistance and clinical management database: supporting patient management, surveillance and research in southern Africa. <i>Database: the Journal of Biological Databases and Curation</i> , 2014 , 2014, bat082	5	7
95	Return of the founder Chikungunya virus to its place of introduction into Brazil is revealed by genomic characterization of exanthematic disease cases. <i>Emerging Microbes and Infections</i> , 2020 , 9, 53-57	18.9	7
94	Earlier Antiretroviral Therapy Initiation and Decreasing Mortality Among HIV-infected Infants Initiating Antiretroviral Therapy Within 3 Months of Age in South Africa, 2006-2017. <i>Pediatric Infectious Disease Journal</i> , 2020 , 39, 127-133	3.4	7
93	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	5.4	7
92	Improving HIV proteome annotation: new features of BioAfrica HIV Proteomics Resource. <i>Database: the Journal of Biological Databases and Curation</i> , 2016 , 2016,	5	7
91	Effectiveness of the Ad26.COVS vaccine in health-care workers in South Africa (the Sisonke study): results from a single-arm, open-label, phase 3B, implementation study.. <i>Lancet, The</i> , 2022 , 399, 1141-1153	40	7
90	Population-level decline in BMI and systolic blood pressure following mass HIV treatment: Evidence from rural KwaZulu-Natal. <i>Obesity</i> , 2017 , 25, 200-206	8	6
89	Opportunities and Challenges in HIV Treatment as Prevention Research: Results from the ANRS 12249 Cluster-Randomized Trial and Associated Population Cohort. <i>Current HIV/AIDS Reports</i> , 2020 , 17, 97-108	5.9	6
88	Analysis of Dominant HIV Quasispecies Suggests Independent Viral Evolution Within Spinal Granulomas Coinfected with Mycobacterium tuberculosis and HIV-1 Subtype C. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 262-70	1.6	6
87	Space-time clustering of recently-diagnosed tuberculosis and impact of ART scale-up: Evidence from an HIV hyper-endemic rural South African population. <i>Scientific Reports</i> , 2019 , 9, 10724	4.9	6
86	Ethical issues associated with HIV molecular epidemiology: a qualitative exploratory study using inductive analytic approaches. <i>BMC Medical Ethics</i> , 2019 , 20, 67	2.9	6
85	Geographical Information Systems (GIS) Innovations For Primary Health Care in Developing Countries. <i>Innovations</i> , 2006 , 1, 106-122	2.3	6
84	Unlocking the efficiency of genomics laboratories with robotic liquid-handling. <i>BMC Genomics</i> , 2020 , 21, 729	4.5	6
83	Exposure to waste sites and their impact on health: a panel and geospatial analysis of nationally representative data from South Africa, 2008-2015. <i>Lancet Planetary Health, The</i> , 2020 , 4, e223-e234	9.8	6
82	Spatial clustering of food insecurity and its association with depression: a geospatial analysis of nationally representative South African data, 2008-2015. <i>Scientific Reports</i> , 2020 , 10, 13771	4.9	6
81	Sociobehavioral and community predictors of unsuppressed HIV viral load: multilevel results from a hyperendemic rural South African population. <i>Aids</i> , 2019 , 33, 559-569	3.5	6
80	Acceptability of a tablet-based application to support early HIV testing among men in rural KwaZulu-Natal, South Africa: a mixed method study. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021 , 33, 494-501	2.2	6
79	Linkage to primary care after home-based blood pressure screening in rural KwaZulu-Natal, South Africa: a population-based cohort study. <i>BMJ Open</i> , 2018 , 8, e023369	3	6

78	Medication Side Effects and Retention in HIV Treatment: A Regression Discontinuity Study of Tenofovir Implementation in South Africa and Zambia. <i>American Journal of Epidemiology</i> , 2018 , 187, 1990-2001 ^{3.8} ⁶		
77	Immunogenicity of SARS-CoV-2 infection and Ad26.CoV2.S vaccination in people living with HIV. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	6
76	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
75	The effect of interventions on the transmission and spread of HIV in South Africa: a phylodynamic analysis. <i>Scientific Reports</i> , 2019 , 9, 2640	4.9	5
74	Space-time variations in child mortality in a rural South African population with high HIV prevalence (2000-2014). <i>PLoS ONE</i> , 2017 , 12, e0182478	3.7	5
73	List randomization for eliciting HIV status and sexual behaviors in rural KwaZulu-Natal, South Africa: a randomized experiment using known true values for validation. <i>BMC Medical Research Methodology</i> , 2018 , 18, 46	4.7	5
72	Vegetation mapping of the Great Fish River basin, South Africa: Integrating spatial and multi-spectral remote sensing techniques. <i>Applied Vegetation Science</i> , 2000 , 3, 197-204	3.3	5
71	Brief Report: Virologic Monitoring Can Be a Cost-Effective Strategy to Diagnose Treatment Failure on First-Line ART. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 71, 462-6	3.1	5
70	A Cluster Randomised Trial to Determine the Efficacy of the "Feeding Buddies" Programme in Improving Exclusive Breastfeeding Rates Among HIV-Infected Women in Rural KwaZulu-Natal, South Africa. <i>AIDS and Behavior</i> , 2018 , 22, 212-223	4.3	5
69	Combining Phylogenetic and Network Approaches to Identify HIV-1 Transmission Links in San Mateo County, California. <i>Frontiers in Microbiology</i> , 2018 , 9, 2799	5.7	5
68	Short Report: Early genomic detection of SARS-CoV-2 P.1 variant in Northeast Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009591	4.8	5
67	Whole genome sequencing for drug-resistant tuberculosis management in South Africa: What gaps would this address and what are the challenges to implementation?. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2019 , 16, 100115	2.1	4
66	The impact of the 2013 WHO antiretroviral therapy guidelines on the feasibility of HIV population prevention trials. <i>HIV Clinical Trials</i> , 2014 , 15, 185-98		4
65	Human papillomavirus seropositivity and subsequent risk of HIV acquisition in rural South African women. <i>Sexually Transmitted Diseases</i> , 2013 , 40, 601-6	2.4	4
64	Targeting strategies and behavior change to combat the HIV epidemic in southern Africa. <i>Future Virology</i> , 2011 , 6, 793-800	2.4	4
63	Global climate change and malaria. <i>Lancet Infectious Diseases, The</i> , 2005 , 5, 256-8	25.5	4
62	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial. <i>PLoS Medicine</i> , 2020 , 17, e1003150	11.6	4
61	Factors associated with HIV in younger and older adult men in South Africa: findings from a cross-sectional survey. <i>BMJ Open</i> , 2019 , 9, e031667	3	4

60	Home-Based Intervention to Test and Start (HITS): a community-randomized controlled trial to increase HIV testing uptake among men in rural South Africa. <i>Journal of the International AIDS Society</i> , 2021 , 24, e25665	5.4	4
59	Common mental disorders and HIV status in the context of DREAMS among adolescent girls and young women in rural KwaZulu-Natal, South Africa. <i>BMC Public Health</i> , 2021 , 21, 478	4.1	4
58	What Should We Do When HIV-positive Children Fail First-line Combination Antiretroviral Therapy? A Comparison of 4 ART Management Strategies. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 400-405	3.4	3
57	A method for statistical analysis of repeated residential movements to link human mobility and HIV acquisition. <i>PLoS ONE</i> , 2019 , 14, e0217284	3.7	3
56	HIV seroconcordance among heterosexual couples in rural KwaZulu-Natal, South Africa: a population-based analysis. <i>Journal of the International AIDS Society</i> , 2020 , 23, e25432	5.4	3
55	A Protocol for a Cluster Randomized Trial on the Effect of a "feeding buddy" Program on adherence to the Prevention of Mother-To-Child-Transmission Guidelines in a Rural Area of KwaZulu-Natal, South Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 72 Suppl 2, S188-6	3.1	3
54	Role of concurrency in generalised HIV epidemics [AuthorsReply]. <i>Lancet, The</i> , 2011 , 378, 1845-1846	4.0	3
53	Location-allocation Planning	540-566	3
52	SARS-CoV-2 Genetic diversity and lineage dynamics of in Egypt		3
51	Rethinking the health implications of society-environment relationships in built areas: An assessment of the access to healthy and hazards index in the context of COVID-19. <i>Landscape and Urban Planning</i> , 2022 , 217, 104265	7.7	3
50	Field and classroom initiatives for portable sequence-based monitoring of dengue virus in Brazil. <i>Nature Communications</i> , 2021 , 12, 2296	17.4	3
49	West Nile Virus in Brazil. <i>Pathogens</i> , 2021 , 10,	4.5	3
48	Temporal trends of population viral suppression in the context of Universal Test and Treat: the ANRS 12249 TasP trial in rural South Africa. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25402	5.4	3
47	Antiretroviral Therapy and Mortality in Rural South Africa: A Comparison of Causal Modeling Approaches. <i>American Journal of Epidemiology</i> , 2018 , 187, 1772-1779	3.8	3
46	Emergence and phenotypic characterization of the global SARS-CoV-2 C.1.2 lineage.. <i>Nature Communications</i> , 2022 , 13, 1976	17.4	3
45	HIV infection and the transmission of tuberculosis. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1510	7	2
44	Patterns of genomic site inheritance in HIV-1M inter-subtype recombinants delineate the most likely genomic sites of subtype-specific adaptation. <i>Virus Evolution</i> , 2018 , 4, vey015	3.7	2
43	Effect of the Number of Pregnancies on Mortality Risk in HIV-Infected Women: a Prospective Cohort Study in Rural KwaZulu-Natal, South Africa. <i>AIDS and Behavior</i> , 2018 , 22, 3971-3980	4.3	2

42	Recording of HIV viral loads and viral suppression in South African patients receiving antiretroviral treatment: a multicentre cohort study. <i>Antiviral Therapy</i> , 2020 , 25, 257-266	1.6	2
41	Impact of community piped water coverage on re-infection with urogenital schistosomiasis in rural South Africa. <i>ELife</i> , 2020 , 9,	8.9	2
40	Genome-wide association study of HIV whole genome sequences validated using drug resistance		2
39	The impact of delayed switch to second-line antiretroviral therapy on mortality, depending on failure time definition and CD4 count at failure		2
38	HIV incidence declines in a rural South African population: a G-imputation approach for inference. <i>BMC Public Health</i> , 2020 , 20, 1205	4.1	2
37	Impact of pretreatment low-abundance HIV-1 drug-resistant variants on virological failure among HIV-1/TB-co-infected individuals. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 3319-3326	5.1	2
36	Patterns of multimorbidity and their association with hospitalisation: a population-based study of older adults in urban Tanzania. <i>Age and Ageing</i> , 2021 , 50, 1349-1360	3	2
35	Factors influencing HIV-1 phylogenetic clustering. <i>Current Opinion in HIV and AIDS</i> , 2019 , 14, 161-172	4.2	2
34	Estimating trends in the incidence rate with interval censored data and time-dependent covariates. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 272-281	2.3	2
33	Migration and first-year maternal mortality among HIV-positive postpartum women: A population-based longitudinal study in rural South Africa. <i>PLoS Medicine</i> , 2020 , 17, e1003085	11.6	2
32	Large age shifts in HIV-1 incidence patterns in KwaZulu-Natal, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
31	Implementation of an efficient SARS-CoV-2 specimen pooling strategy for high throughput diagnostic testing. <i>Scientific Reports</i> , 2021 , 11, 17793	4.9	2
30	Comparison of SARS-CoV-2 sequencing using the ONT GridION and the Illumina MiSeq.. <i>BMC Genomics</i> , 2022 , 23, 319	4.5	2
29	Mobility and increased risk of HIV acquisition in South Africa: a mixed-method systematic review protocol. <i>Systematic Reviews</i> , 2018 , 7, 37	3	1
28	Prevalence and Risk Factors for Infection Among Adolescents in Rural South Africa. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofaa520	1	1
27	HIV-1 drug resistance in adults and adolescents on protease inhibitor-based antiretroviral treatment in KwaZulu-Natal Province, South Africa. <i>Journal of Global Antimicrobial Resistance</i> , 2021 ,	3.4	1
26	Development and Acceptability of a Tablet-Based App to Support Men to Link to HIV Care: Mixed Methods Approach. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e17549	5.5	1
25	Exploring linkages between drought and HIV treatment adherence in Africa: A Systematic Review		1

24	An exploration of factors characterising unusual spatial clusters of COVID-19 cases in the East Midlands region, UK: a geospatial analysis of ambulance 999 data. <i>Landscape and Urban Planning</i> , 2021 , 219, 104299	7.7	1
23	HIV viral load and pregnancy loss: results from a population-based cohort study in rural KwaZulu-Natal, South Africa. <i>Aids</i> , 2021 , 35, 829-833	3.5	1
22	External introductions helped drive and sustain the high incidence of HIV-1 in rural KwaZulu-Natal, South Africa		1
21	Reply to Cohen et al. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1680	11.6	1
20	Undetectable proviral deoxyribonucleic acid in an adolescent perinatally infected with human immunodeficiency virus-1C and on long-term antiretroviral therapy resulted in viral rebound following antiretroviral therapy termination: A case report with implications for clinical care. <i>Medicine (United States)</i> , 2019 , 98, e18014	1.8	1
19	Detection of Inducible Replication-Competent HIV-1 Subtype C Provirus Despite Long-Term Antiretroviral Treatment in Perinatally Infected Adolescents in Botswana. <i>AIDS Research and Human Retroviruses</i> , 2021 , 37, 16-23	1.6	1
18	Effect of timing of mother's death on child survival in a rural HIV hyper-endemic South African population. <i>BMC Public Health</i> , 2018 , 18, 1237	4.1	1
17	Replacement of the Gamma by the Delta variant in Brazil: Impact of lineage displacement on the ongoing pandemic.. <i>Virus Evolution</i> , 2022 , 8, veac024	3.7	1
16	Using the Emanuel Framework to Explore the Ethical Issues Raised in a Participatory Visual Research Project in Rural South Africa. <i>Journal of Empirical Research on Human Research Ethics</i> , 2021 , 16, 3-14	1.6	0
15	A Retrospective Overview of Zika Virus Evolution in the Midwest of Brazil.. <i>Microbiology Spectrum</i> , 2022 , e0015522	8.9	0
14	HIV-1 Evolutionary Dynamics under Nonsuppressive Antiretroviral Therapy.. <i>MBio</i> , 2022 , e0026922	7.8	0
13	PrEP uptake and delivery setting preferences among clients visiting six healthcare facilities in Eswatini.. <i>AIDS and Behavior</i> , 2022 , 1	4.3	0
12	The role of high-risk geographies in the perpetuation of the HIV epidemic in rural South Africa: A spatial molecular epidemiology study. <i>PLOS Global Public Health</i> , 2022 , 2, e0000105		0
11	Discrete Survival Time Constructions for Studying Marital Formation and Dissolution in Rural South Africa. <i>Frontiers in Psychology</i> , 2020 , 11, 154	3.4	
10	HIV Treatment Substantially Decreases Hospitalization Rates: Evidence From Rural South Africa. <i>Health Affairs</i> , 2018 , 37, 997-1004	7	
9	The effect of eligibility for antiretroviral therapy on body mass index and blood pressure in KwaZulu-Natal, South Africa. <i>Scientific Reports</i> , 2021 , 11, 14718	4.9	
8	The geography and inter-community configuration of new sexual partnership formation in a rural South African population over fourteen years (2003-2016). <i>PLOS Global Public Health</i> , 2022 , 2, e0000055		
7	Isisekelo Sempilo study protocol for the effectiveness of HIV prevention embedded in sexual health with or without peer navigator support (Thetha Nami) to reduce prevalence of transmissible HIV amongst adolescents and young adults in rural KwaZulu-Natal: a 2 x 2 factorial randomised controlled trial. <i>BMC Public Health</i> , 2022 , 22, 151	4.1	

6	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial 2020 , 17, e1003150	
5	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial 2020 , 17, e1003150	
4	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial 2020 , 17, e1003150	
3	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial 2020 , 17, e1003150	
2	The impact of continuous quality improvement on coverage of antenatal HIV care tests in rural South Africa: Results of a stepped-wedge cluster-randomised controlled implementation trial 2020 , 17, e1003150	
1	Characterizing Unusual Spatial Clusters of Male Mental Health Emergencies Occurring During the First National COVID-19 "Lockdown" in the East Midlands Region, UK: A Geospatial Analysis of Ambulance 999 Data.. <i>American Journal of Men's Health</i> , 2022 , 16, 15579883221097539	2.2