

Jeffrey W Eaton

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95
papers

4,187
citations

28
h-index

64
g-index

105
ext. papers

5,528
ext. citations

7.3
avg, IF

5.26
L-index

#	Paper	IF	Citations
95	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. <i>Nature</i> , 2020 , 584, 257-261	50.4	1469
94	HIV treatment as prevention: systematic comparison of mathematical models of the potential impact of antiretroviral therapy on HIV incidence in South Africa. <i>PLoS Medicine</i> , 2012 , 9, e1001245	11.6	284
93	Mapping HIV prevalence in sub-Saharan Africa between 2000 and 2017. <i>Nature</i> , 2019 , 570, 189-193	50.4	161
92	Health benefits, costs, and cost-effectiveness of earlier eligibility for adult antiretroviral therapy and expanded treatment coverage: a combined analysis of 12 mathematical models. <i>The Lancet Global Health</i> , 2013 , 2, 23-34	13.6	160
91	Effects of unconditional and conditional cash transfers on child health and development in Zimbabwe: a cluster-randomised trial. <i>Lancet, The</i> , 2013 , 381, 1283-92	4.0	145
90	Sustainable HIV treatment in Africa through viral-load-informed differentiated care. <i>Nature</i> , 2015 , 528, S68-76	50.4	118
89	Concurrent sexual partnerships and primary HIV infection: a critical interaction. <i>AIDS and Behavior</i> , 2011 , 15, 687-92	4.3	100
88	Feasibility of achieving the 2025 WHO global tuberculosis targets in South Africa, China, and India: a combined analysis of 11 mathematical models. <i>The Lancet Global Health</i> , 2016 , 4, e806-e815	13.6	99
87	Age-disparate relationships and HIV incidence in adolescent girls and young women: evidence from Zimbabwe. <i>Aids</i> , 2017 , 31, 1461-1470	3.5	83
86	HPTN 071 (PopART): a cluster-randomized trial of the population impact of an HIV combination prevention intervention including universal testing and treatment: mathematical model. <i>PLoS ONE</i> , 2014 , 9, e84511	3.7	80
85	A side door into care cascade for HIV-infected patients?. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 63 Suppl 2, S228-32	3.1	79
84	Global, regional and country-level 90-90-90 estimates for 2018: assessing progress towards the 2020 target. <i>Aids</i> , 2019 , 33 Suppl 3, S213-S226	3.5	75
83	Early perceptions and behavioural responses during the COVID-19 pandemic: a cross-sectional survey of UK adults. <i>BMJ Open</i> , 2021 , 11, e043577	3	72
82	Refusal bias in HIV prevalence estimates from nationally representative seroprevalence surveys. <i>Aids</i> , 2009 , 23, 621-9	3.5	61
81	HIV treatment as prevention: models, data, and questions--towards evidence-based decision-making. <i>PLoS Medicine</i> , 2012 , 9, e1001259	11.6	57
80	Cost-effectiveness and resource implications of aggressive action on tuberculosis in China, India, and South Africa: a combined analysis of nine models. <i>The Lancet Global Health</i> , 2016 , 4, e816-e826	13.6	56
79	HIV treatment as prevention: considerations in the design, conduct, and analysis of cluster randomized controlled trials of combination HIV prevention. <i>PLoS Medicine</i> , 2012 , 9, e1001250	11.6	54

78	State-level tracking of COVID-19 in the United States. <i>Nature Communications</i> , 2020 , 11, 6189	17.4	54
77	Preexposure prophylaxis will have a limited impact on HIV-1 drug resistance in sub-Saharan Africa: a comparison of mathematical models. <i>Aids</i> , 2013 , 27, 2943-51	3.5	52
76	Recent HIV prevalence trends among pregnant women and all women in sub-Saharan Africa: implications for HIV estimates. <i>Aids</i> , 2014 , 28 Suppl 4, S507-14	3.5	47
75	Understanding the modes of transmission model of new HIV infection and its use in prevention planning. <i>Bulletin of the World Health Organization</i> , 2012 , 90, 831-838A	8.2	47
74	HIV treatment as prevention: optimising the impact of expanded HIV treatment programmes. <i>PLoS Medicine</i> , 2012 , 9, e1001258	11.6	45
73	Assessment of epidemic projections using recent HIV survey data in South Africa: a validation analysis of ten mathematical models of HIV epidemiology in the antiretroviral therapy era. <i>The Lancet Global Health</i> , 2015 , 3, e598-608	13.6	38
72	Trends in the burden of HIV mortality after roll-out of antiretroviral therapy in KwaZulu-Natal, South Africa: an observational community cohort study. <i>Lancet HIV,the</i> , 2017 , 4, e113-e121	7.8	34
71	Why the proportion of transmission during early-stage HIV infection does not predict the long-term impact of treatment on HIV incidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16202-7	11.5	34
70	Improvements in prevalence trend fitting and incidence estimation in EPP 2013. <i>Aids</i> , 2014 , 28 Suppl 4, S415-25	3.5	34
69	The potential effects of changing HIV treatment policy on tuberculosis outcomes in South Africa: results from three tuberculosis-HIV transmission models. <i>Aids</i> , 2014 , 28 Suppl 1, S25-34	3.5	32
68	Data Resource Profile: Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network). <i>International Journal of Epidemiology</i> , 2016 , 45, 83-93	7.8	32
67	The impact of HIV on children's education in eastern Zimbabwe. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2014 , 26, 1136-43	2.2	28
66	Increasing adolescent HIV prevalence in Eastern Zimbabwe--evidence of long-term survivors of mother-to-child transmission?. <i>PLoS ONE</i> , 2013 , 8, e70447	3.7	28
65	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
64	Evaluating strategies to improve HIV care outcomes in Kenya: a modelling study. <i>Lancet HIV,the</i> , 2016 , 3, e592-e600	7.8	26
63	National HIV testing and diagnosis coverage in sub-Saharan Africa: a new modeling tool for estimating the 'first 90' from program and survey data. <i>Aids</i> , 2019 , 33 Suppl 3, S255-S269	3.5	24
62	Impact of ART on the fertility of HIV-positive women in sub-Saharan Africa. <i>Tropical Medicine and International Health</i> , 2016 , 21, 1071-85	2.3	23
61	Using modeling to inform international guidelines for antiretroviral treatment. <i>Aids</i> , 2014 , 28 Suppl 1, S1-4	3.5	21

60	Documenting and explaining the HIV decline in east Zimbabwe: the Manicaland General Population Cohort. <i>BMJ Open</i> , 2017 , 7, e015898	3	21
59	Rising Levels of HIV Infection in Older Adults in Eastern Zimbabwe. <i>PLoS ONE</i> , 2016 , 11, e0162967	3.7	21
58	Modeling the impact of early antiretroviral therapy for adults coinfecting with HIV and hepatitis B or C in South Africa. <i>Aids</i> , 2014 , 28 Suppl 1, S35-46	3.5	20
57	Trends in knowledge of HIV status and efficiency of HIV testing services in sub-Saharan Africa, 2000-20: a modelling study using survey and HIV testing programme data. <i>Lancet HIV</i> , 2021 , 8, e284-293	7.8	20
56	Effects of cash transfers on Children's health and social protection in Sub-Saharan Africa: differences in outcomes based on orphan status and household assets. <i>BMC Public Health</i> , 2015 , 15, 5114-1	4.1	18
55	Trends in concurrency, polygyny, and multiple sex partnerships during a decade of declining HIV prevalence in eastern Zimbabwe. <i>Journal of Infectious Diseases</i> , 2014 , 210 Suppl 2, S562-8	7	17
54	The Estimation and Projection Package Age-Sex Model and the r-hybrid model: new tools for estimating HIV incidence trends in sub-Saharan Africa. <i>Aids</i> , 2019 , 33 Suppl 3, S235-S244	3.5	16
53	Cost-per-diagnosis as a metric for monitoring cost-effectiveness of HIV testing programmes in low-income settings in southern Africa: health economic and modelling analysis. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25325	5.4	13
52	Involving Communities in the Targeting of Cash Transfer Programs for Vulnerable Children: Opportunities and Challenges. <i>World Development</i> , 2014 , 54, 325-337	5.5	13
51	The effects of HIV on fertility by infection duration: evidence from African population cohorts before antiretroviral treatment availability. <i>Aids</i> , 2017 , 31 Suppl 1, S69-S76	3.5	13
50	Asset ownership among households caring for orphans and vulnerable children in rural Zimbabwe: the influence of ownership on children's health and social vulnerabilities. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2013 , 25, 126-32	2.2	13
49	rdhs: an R package to interact with The Demographic and Health Surveys (DHS) Program datasets. <i>Wellcome Open Research</i> , 2019 , 4, 103	4.8	12
48	Statistical models for incorporating data from routine HIV testing of pregnant women at antenatal clinics into HIV/AIDS epidemic estimates. <i>Aids</i> , 2017 , 31 Suppl 1, S87-S94	3.5	11
47	The Cost of Not Retesting: Human Immunodeficiency Virus Misdiagnosis in the Antiretroviral Therapy "Test-and-Offer" Era. <i>Clinical Infectious Diseases</i> , 2017 , 65, 522-525	11.6	11
46	Household-based cash transfer targeting strategies in Zimbabwe: are we reaching the most vulnerable children?. <i>Social Science and Medicine</i> , 2012 , 75, 2503-8	5.1	11
45	Unpacking the recommended indicator for concurrent sexual partnerships. <i>Aids</i> , 2012 , 26, 1037-9	3.5	11
44	The Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA): Data on mortality, by HIV status and stage on the HIV care continuum, among the general population in seven longitudinal studies between 1989 and 2014. <i>Gates Open Research</i> , 2017 , 1, 4	2.4	10
43	The revolving door of HIV care: Revising the service delivery cascade to achieve the UNAIDS 95-95-95 goals. <i>PLoS Medicine</i> , 2021 , 18, e1003651	11.6	10

42	Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a modelling study. <i>Lancet HIV,the</i> , 2021 , 8, e363-e375	7.8	10
41	The relationship between parental education and children's schooling in a time of economic turmoil: The case of East Zimbabwe, 2001 to 2011. <i>International Journal of Educational Development</i> , 2016 , 51, 125-134	1.6	10
40	The contribution of schools to supporting the well being of children affected by HIV in eastern Zimbabwe. <i>Aids</i> , 2014 , 28 Suppl 3, S379-87	3.5	9
39	Estimating and projecting the number of new HIV diagnoses and incidence in Spectrum's case surveillance and vital registration tool. <i>Aids</i> , 2019 , 33 Suppl 3, S245-S253	3.5	8
38	Global variations in mortality in adults after initiating antiretroviral treatment: an updated analysis of the International epidemiology Databases to Evaluate AIDS cohort collaboration. <i>Aids</i> , 2019 , 33 Suppl 3, S283-S294	3.5	8
37	Prevalence and Associations of Psychological Distress, HIV Infection and HIV Care Service Utilization in East Zimbabwe. <i>AIDS and Behavior</i> , 2018 , 22, 1485-1495	4.3	7
36	HIV in children in a general population sample in East Zimbabwe: prevalence, causes and effects. <i>PLoS ONE</i> , 2014 , 9, e113415	3.7	7
35	Non-disclosure of HIV testing history in population-based surveys: implications for estimating a UNAIDS 90-90-90 target. <i>Global Health Action</i> , 2018 , 11, 1553470	3	7
34	A longitudinal review of national HIV policy and progress made in health facility implementation in Eastern Zimbabwe. <i>Health Research Policy and Systems</i> , 2018 , 16, 92	3.7	7
33	Accounting for nonsampling error in estimates of HIV epidemic trends from antenatal clinic sentinel surveillance. <i>Aids</i> , 2017 , 31 Suppl 1, S61-S68	3.5	6
32	Empirical validation of the UNAIDS Spectrum model for subnational HIV estimates: case-study of children and adults in Manicaland, Zimbabwe. <i>Aids</i> , 2017 , 31 Suppl 1, S41-S50	3.5	6
31	Age patterns of HIV incidence in eastern and southern Africa: a modelling analysis of observational population-based cohort studies. <i>Lancet HIV,the</i> , 2021 , 8, e429-e439	7.8	6
30	CD4 count recovery and associated factors among individuals enrolled in the South African antiretroviral therapy programme: An analysis of national laboratory based data. <i>PLoS ONE</i> , 2019 , 14, e0217742	3.7	5
29	Optimizing HIV testing services in sub-Saharan Africa: cost and performance of verification testing with HIV self-tests and tests for triage. <i>Journal of the International AIDS Society</i> , 2019 , 22 Suppl 1, e252374	5.4	5
28	Wealth differentials in the impact of conditional and unconditional cash transfers on education: findings from a community-randomised controlled trial in Zimbabwe. <i>Psychology, Health and Medicine</i> , 2016 , 21, 909-17	2.1	5
27	Tuberculosis mortality and the male survival deficit in rural South Africa: An observational community cohort study. <i>PLoS ONE</i> , 2017 , 12, e0185692	3.7	5
26	Optimal timing of HIV home-based counselling and testing rounds in Western Kenya. <i>Journal of the International AIDS Society</i> , 2018 , 21, e25142	5.4	4
25	Accuracy of self-reported HIV-testing history and awareness of HIV-positive status in four sub-Saharan African countries. <i>Aids</i> , 2021 , 35, 503-510	3.5	4

24	Appraising the value of evidence generation activities: an HIV modelling study. <i>BMJ Global Health</i> , 2018 , 3, e000488	6.6	4
23	Chlamydia diagnosis rate in England in 2012: an ecological study of local authorities. <i>Sexually Transmitted Infections</i> , 2017 , 93, 226-228	2.8	3
22	Relative patterns of sexual activity and fertility among HIV positive and negative women-Evidence from 46 DHS. <i>PLoS ONE</i> , 2018 , 13, e0204584	3.7	3
21	Spillover HIV prevention effects of a cash transfer trial in East Zimbabwe: evidence from a cluster-randomised trial and general-population survey. <i>BMC Public Health</i> , 2020 , 20, 1599	4.1	2
20	Trends in knowledge of HIV status and efficiency of HIV testing services in Sub-Saharan Africa (2000-2020): a modelling study of survey and HIV testing program data		2
19	Evaluation of 6-Month Versus Continuous Isoniazid Preventive Therapy for Mycobacterium tuberculosis in Adults Living With HIV/AIDS in Malawi. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 85, 643-650	3.1	2
18	Age patterns of under-5 mortality in sub-Saharan Africa during 1990-2018: A comparison of estimates from demographic surveillance with full birth histories and the historic record.. <i>Demographic Research</i> , 2021 , 44, 415-442	1	2
17	Inferring population HIV incidence trends from surveillance data of recent HIV infection among HIV testing clients. <i>Aids</i> , 2021 , 35, 2383-2388	3.5	2
16	Naomi: a new modelling tool for estimating HIV epidemic indicators at the district level in sub-Saharan Africa. <i>Journal of the International AIDS Society</i> , 2021 , 24 Suppl 5, e25788	5.4	2
15	Comparison of HIV prevalence among antenatal clinic attendees estimated from routine testing and unlinked anonymous testing. <i>Statistics in Biosciences</i> , 2020 , 12, 279-294	1.5	1
14	Beware of using invalid transmission models to guide HIV health policy - authors' reply. <i>The Lancet Global Health</i> , 2014 , 2, e261	13.6	1
13	Measuring concurrent partnerships [Authors' reply]. <i>Lancet, The</i> , 2010 , 375, 1870	40	1
12	Challenges in estimating HIV prevalence trends and geographical variation in HIV prevalence using antenatal data: Insights from mathematical modelling. <i>PLoS ONE</i> , 2020 , 15, e0242595	3.7	1
11	Risk scores for predicting HIV incidence among adult heterosexual populations in sub-Saharan Africa: a systematic review and meta-analysis.. <i>Journal of the International AIDS Society</i> , 2022 , 25, e25861	5.4	1
10	Accuracy and performance of the WHO 2015 and WHO 2019 HIV testing strategies across epidemic settings		1
9	Population sizes, HIV prevalence, and HIV prevention among men who paid for sex in sub-Saharan Africa (2000-2020): A meta-analysis of 87 population-based surveys.. <i>PLoS Medicine</i> , 2022 , 19, e1003861	11.6	0
8	Incidence and predictors of attrition among patients receiving ART in eastern Zimbabwe before, and after the introduction of universal treat-all policies: A competing risk analysis. <i>PLOS Global Public Health</i> , 2021 , 1, e0000006		0
7	HIV surveillance based on routine testing data from antenatal clinics in Malawi (2011-2018): measuring and adjusting for bias from imperfect testing coverage. <i>Aids</i> , 2019 , 33 Suppl 3, S295-S302	3.5	0

6	Disease progression and mortality with untreated HIV infection: evidence synthesis of HIV seroconverter cohorts, antiretroviral treatment clinical cohorts and population-based survey data. <i>Journal of the International AIDS Society</i> , 2021 , 24 Suppl 5, e25784	5.4	○
5	Updates to Spectrum's case surveillance and vital registration tool for HIV estimates and projections. <i>Journal of the International AIDS Society</i> , 2021 , 24 Suppl 5, e25777	5.4	○
4	Response to Questionable assumptions mar modelling of Kenya home-based testing campaigns - a comment on "Optimal timing of HIV home-based counselling and testing rounds in Western Kenya" (Olney et al. 2018). <i>Journal of the International AIDS Society</i> , 2019 , 22, e25231	5.4	
3	How will we get there? How will we know?. <i>Lancet HIV</i> , 2017 , 4, e429-e430	7.8	
2	What might be the impact of sexual partnership "concurrency" behavior change communication campaigns?. <i>Sexually Transmitted Diseases</i> , 2012 , 39, 899; author reply 899-900	2.4	
1	Predictors and consequences of HIV status disclosure to adolescents living with HIV in Eastern Cape, South Africa: a prospective cohort study.. <i>Journal of the International AIDS Society</i> , 2022 , 25, e25910 ⁴	5.4	