Jeffrey W Eaton

List of Publications by Year
in descending order

95 papers	6,485 citations	136940 32 h-index	76898 74 g-index

105 all docs	105 docs citations	105 times ranked	10391 citing authors

#	Article	IF	Citations
1	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. Nature, 2020, 584, 257-261.	27.8	2,558
2	HIV Treatment as Prevention: Systematic Comparison of Mathematical Models of the Potential Impact of Antiretroviral Therapy on HIV Incidence in South Africa. PLoS Medicine, 2012, 9, e1001245.	8.4	324
3	Mapping HIV prevalence in sub-Saharan Africa between 2000 and 2017. Nature, 2019, 570, 189-193.	27.8	314
4	Health benefits, costs, and cost-effectiveness of earlier eligibility for adult antiretroviral therapy and expanded treatment coverage: a combined analysis of 12 mathematical models. The Lancet Global Health, 2014, 2, e23-e34.	6.3	188
5	Effects of unconditional and conditional cash transfers on child health and development in Zimbabwe: a cluster-randomised trial. Lancet, The, 2013, 381, 1283-1292.	13.7	179
6	Early perceptions and behavioural responses during the COVID-19 pandemic: a cross-sectional survey of UK adults. BMJ Open, 2021, 11, e043577.	1.9	157
7	Sustainable HIV treatment in Africa through viral-load-informed differentiated care. Nature, 2015, 528, S68-S76.	27.8	141
8	Feasibility of achieving the 2025 WHO global tuberculosis targets in South Africa, China, and India: a combined analysis of 11 mathematical models. The Lancet Global Health, 2016, 4, e806-e815.	6.3	138
9	Global, regional and country-level 90â€“90â€“90 estimates for 2018. Aids, 2019, 33, S213-S226.	2.2	123
10	Age-disparate relationships and HIV incidence in adolescent girls and young women. Aids, 2017, 31, 1461-1470.	2.2	120
11	Concurrent Sexual Partnerships and Primary HIV Infection: A Critical Interaction. AIDS and Behavior, 2011, 15, 687-692.	2.7	116
12	State-level tracking of COVID-19 in the United States. Nature Communications, 2020, 11, 6189.	12.8	104
13	HPTN 071 (PopART): A Cluster-Randomized Trial of the Population Impact of an HIV Combination Prevention Intervention Including Universal Testing and Treatment: Mathematical Model. PLoS ONE, 2014, 9, e84511.	2.5	91
14	A Side Door Into Care Cascade for HIV-Infected Patients?. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, S228-S232.	2.1	87
15	Trends in knowledge of HIV status and efficiency of HIV testing services in sub-Saharan Africa, 2000â€“20: a modelling study using survey and HIV testing programme data. Lancet HIV,the, 2021, 8, e284-e293.	4.7	82
16	Refusal bias in HIV prevalence estimates from nationally representative seroprevalence surveys. Aids, 2009, 23, 621-629.	2.2	75
17	The revolving door of HIV care: Revising the service delivery cascade to achieve the UNAIDS 95-95-95 goals. PLoS Medicine, 2021, 18, e1003651.	8.4	74
18	Cost-effectiveness and resource implications of aggressive action on tuberculosis in China, India, and South Africa: a combined analysis of nine models. The Lancet Global Health, 2016, 4, e816-e826.	6.3	69

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19	Recent HIV prevalence trends among pregnant women and all women in sub-Saharan Africa. Aids, 2014, 28, S507-S514.	2.2	66
20	HIV Treatment as Prevention: Models, Data, and Questionsâ€"Towards Evidence-Based Decision-Making. PLoS Medicine, 2012, 9, e1001259.	8.4	64
21	Preexposure prophylaxis will have a limited impact on HIV-1 drug resistance in sub-Saharan Africa. Aids, 2013, 27, 2943-2951.	2.2	61
22	HIV Treatment as Prevention: Considerations in the Design, Conduct, and Analysis of Cluster Randomized Controlled Trials of Combination HIV Prevention. PLoS Medicine, 2012, 9, e1001250.	8.4	58
23	Understanding the modes of tranmission model of new HIV infection and its use in prevention planning. Bulletin of the World Health Organization, 2012, 90, 831-838.	3.3	56
24	HIV Treatment as Prevention: Optimising the Impact of Expanded HIV Treatment Programmes. PLoS Medicine, 2012, 9, e1001258.	8.4	50
25	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. The Lancet Global Health, 2015, 3, e598-e608.	6.3	46
26	Trends in the burden of HIV mortality after roll-out of antiretroviral therapy in KwaZulu-Natal, South Africa: an observational community cohort study. Lancet HIV,the, 2017, 4, e113-e121.	4.7	46
27	Why the proportion of transmission during early-stage HIV infection does not predict the long-term impact of treatment on HIV incidence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16202-16207.	7.1	42
28	Improvements in prevalence trend fitting and incidence estimation in EPP 2013. Aids, 2014, 28, S415-S425.	2.2	42
29	Data Resource Profile: Network for Analysing Longitudinal Population-based HIV/AIDS data on Africa (ALPHA Network). International Journal of Epidemiology, 2016, 45, 83-93.	1.9	41
30	National HIV testing and diagnosis coverage in sub-Saharan Africa. Aids, 2019, 33, S255-S269.	2.2	41
31	Age patterns of HIV incidence in eastern and southern Africa: a modelling analysis of observational population-based cohort studies. Lancet HIV,the, 2021, 8, e429-e439.	4.7	40
32	Documenting and explaining the HIV decline in east Zimbabwe: the Manicaland General Population Cohort. BMJ Open, 2017, 7, e015898.	1.9	34
33	The potential effects of changing HIV treatment policy on tuberculosis outcomes in South Africa. Aids, 2014, 28, S25-S34.	2.2	33
34	The impact of HIV on children's education in eastern Zimbabwe. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2014, 26, 1136-1143.	1.2	32
35	Subnational mapping of HIV incidence and mortality among individuals aged 15â€"49 years in sub-Saharan Africa, 2000â€"18: a modelling study. Lancet HIV,the, 2021, 8, e363-e375.	4.7	32
36	Increasing Adolescent HIV Prevalence in Eastern Zimbabwe â€" Evidence of Long-Term Survivors of Mother-to-Child Transmission?. PLoS ONE, 2013, 8, e70447.	2.5	32

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37	Evaluating strategies to improve HIV care outcomes in Kenya: a modelling study. Lancet HIV,the, 2016, 3, e592-e600.	4.7	31
38	The Estimation and Projection Package Age-Sex Model and the r-hybrid model. Aids, 2019, 33, S235-S244.	2.2	30
39	Sexual behaviour in a rural high HIV prevalence South African community. Aids, 2013, 27, 2461-2470.	2.2	27
40	Rising Levels of HIV Infection in Older Adults in Eastern Zimbabwe. PLoS ONE, 2016, 11, e0162967.	2.5	27
41	Impact of <scp>ART</scp> on the fertility of <scp>HIV</scp>â€positive women in subâ€Saharan Africa. Tropical Medicine and International Health, 2016, 21, 1071-1085.	2.3	26
42	Using modeling to inform international guidelines for antiretroviral treatment. Aids, 2014, 28, S1-S4.	2.2	24
43	rdhs: an R package to interact with The Demographic and Health Surveys (DHS) Program datasets. Wellcome Open Research, 0, 4, 103.	1.8	24
44	Modeling the impact of early antiretroviral therapy for adults coinfected with HIV and hepatitis B or C in South Africa. Aids, 2014, 28, S35-S46.	2.2	23
45	Effects of cash transfers on Childrenâ€™s health and social protection in Sub-Saharan Africa: differences in outcomes based on orphan status and household assets. BMC Public Health, 2015, 15, 511.	2.9	23
46	Naomi: a new modelling tool for estimating HIV epidemic indicators at the district level in subâ€Saharan Africa. Journal of the International AIDS Society, 2021, 24, e25788.	3.0	23
47	Costâ€perâ€diagnosis as a metric for monitoring costâ€effectiveness of HIV testing programmes in lowâ€income settings in southern Africa: health economic and modelling analysis. Journal of the International AIDS Society, 2019, 22, e25325.	3.0	20
48	Statistical models for incorporating data from routine HIV testing of pregnant women at antenatal clinics into HIV/AIDS epidemic estimates. Aids, 2017, 31, S87-S94.	2.2	19
49	The effects of HIV on fertility by infection duration. Aids, 2017, 31, S69-S76.	2.2	19
50	Trends in Concurrency, Polygyny, and Multiple Sex Partnerships During a Decade of Declining HIV Prevalence in Eastern Zimbabwe. Journal of Infectious Diseases, 2014, 210, S562-S568.	4.0	18
51	Involving Communities in the Targeting of Cash Transfer Programs for Vulnerable Children: Opportunities and Challenges. World Development, 2014, 54, 325-337.	4.9	18
52	CD4 count recovery and associated factors among individuals enrolled in the South African antiretroviral therapy programme: An analysis of national laboratory based data. PLoS ONE, 2019, 14, e0217742.	2.5	18
53	Accuracy of self-reported HIV-testing history and awareness of HIV-positive status in four sub-Saharan African countries. Aids, 2021, 35, 503-510.	2.2	18
54	The relationship between parental education and childrenâ€™s schooling in a time of economic turmoil: The case of East Zimbabwe, 2001 to 2011. International Journal of Educational Development, 2016, 51, 125-134.	2.7	17

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55	The Cost of Not Retesting: Human Immunodeficiency Virus Misdiagnosis in the Antiretroviral Therapy â€œTest-and-Offerâ€•Era. Clinical Infectious Diseases, 2017, 65, 522-525.	5.8	17
56	Asset ownership among households caring for orphans and vulnerable children in rural Zimbabwe: The influence of ownership on children's health and social vulnerabilities. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2013, 25, 126-132.	1.2	16
57	Global variations in mortality in adults after initiating antiretroviral treatment. Aids, 2019, 33, S283-S294.	2.2	16
58	The contribution of schools to supporting the well being of children affected by HIV in eastern Zimbabwe. Aids, 2014, 28, S379-S387.	2.2	15
59	A longitudinal review of national HIV policy and progress made in health facility implementation in Eastern Zimbabwe. Health Research Policy and Systems, 2018, 16, 92.	2.8	14
60	HIV incidence and prevalence among adults aged 15-64 years in Rwanda: Results from the Rwanda Population-based HIV Impact Assessment (RPHIA) and District-level Modeling, 2019. International Journal of Infectious Diseases, 2022, 116, 245-254.	3.3	14
61	Unpacking the recommended indicator for concurrent sexual partnerships. Aids, 2012, 26, 1037-1039.	2.2	13
62	Non-disclosure of HIV testing history in population-based surveys: implications for estimating a UNAIDS 90-90-90 target. Global Health Action, 2018, 11, 1553470.	1.9	13
63	Prevalence and Associations of Psychological Distress, HIV Infection and HIV Care Service Utilization in East Zimbabwe. AIDS and Behavior, 2018, 22, 1485-1495.	2.7	12
64	Household-based cash transfer targeting strategies in Zimbabwe: Are we reaching the most vulnerable children?. Social Science and Medicine, 2012, 75, 2503-2508.	3.8	11
65	Age patterns of under-5 mortality in sub-Saharan Africa during 1990â€’2018: A comparison of estimates from demographic surveillance with full birth histories and the historic record. Demographic Research, 2021, 44, 415-442.	3.0	11
66	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. Gates Open Research, 2017, 1, 4.	1.1	11
67	Accounting for nonsampling error in estimates of HIV epidemic trends from antenatal clinic sentinel surveillance. Aids, 2017, 31, S61-S68.	2.2	10
68	Population sizes, HIV prevalence, and HIV prevention among men who paid for sex in sub-Saharan Africa (2000â€“2020): A meta-analysis of 87 population-based surveys. PLoS Medicine, 2022, 19, e1003861.	8.4	10
69	Estimating and projecting the number of new HIV diagnoses and incidence in Spectrum's case surveillance and vital registration tool. Aids, 2019, 33, S245-S253.	2.2	9
70	HIV in Children in a General Population Sample in East Zimbabwe: Prevalence, Causes and Effects. PLoS ONE, 2014, 9, e113415.	2.5	9
71	Risk scores for predicting HIV incidence among adult heterosexual populations in subâ€Saharan Africa: a systematic review and metaâ€analysis. Journal of the International AIDS Society, 2022, 25, e25861.	3.0	9
72	Empirical validation of the UNAIDS Spectrum model for subnational HIV estimates. Aids, 2017, 31, S41-S50.	2.2	8

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73	Optimizing <scp>HIV</scp> testing services in subâ€Saharan Africa: cost and performance of verification testing with <scp>HIV</scp> selfâ€tests and tests for triage. Journal of the International AIDS Society, 2019, 22, e25237.	3.0	8
74	Disease progression and mortality with untreated HIV infection: evidence synthesis of HIV seroconverter cohorts, antiretroviral treatment clinical cohorts and populationâ€based survey data. Journal of the International AIDS Society, 2021, 24, e25784.	3.0	8
75	Wealth differentials in the impact of conditional and unconditional cash transfers on education: findings from a community-randomised controlled trial in Zimbabwe. Psychology, Health and Medicine, 2016, 21, 909-917.	2.4	7
76	Appraising the value of evidence generation activities: an HIV modelling study. BMJ Global Health, 2018, 3, e000488.	4.7	7
77	Tuberculosis mortality and the male survival deficit in rural South Africa: An observational community cohort study. PLoS ONE, 2017, 12, e0185692.	2.5	7
78	HIV surveillance based on routine testing data from antenatal clinics in Malawi (2011â€“2018). Aids, 2019, 33, S295-S302.	2.2	6
79	Inferring population HIV incidence trends from surveillance data of recent HIV infection among HIV testing clients. Aids, 2021, 35, 2383-2388.	2.2	6
80	Trends and country-level variation in age at first sex in sub-Saharan Africa among birth cohorts entering adulthood between 1985 and 2020. BMC Public Health, 2022, 22, .	2.9	6
81	Relative patterns of sexual activity and fertility among HIV positive and negative womenâ€”Evidence from 46 DHS. PLoS ONE, 2018, 13, e0204584.	2.5	5
82	Optimal timing of HIV homeâ€based counselling and testing rounds in Western Kenya. Journal of the International AIDS Society, 2018, 21, e25142.	3.0	5
83	Chlamydia diagnosis rate in England in 2012: an ecological study of local authorities. Sexually Transmitted Infections, 2017, 93, 226-228.	1.9	4
84	Spillover HIV prevention effects of a cash transfer trial in East Zimbabwe: evidence from a cluster-randomised trial and general-population survey. BMC Public Health, 2020, 20, 1599.	2.9	4
85	Comparison of HIV Prevalence Among Antenatal Clinic Attendees Estimated from Routine Testing and Unlinked Anonymous Testing. Statistics in Biosciences, 2020, 12, 279-294.	1.2	4
86	Evaluation of 6-Month Versus Continuous Isoniazid Preventive Therapy for Mycobacterium tuberculosis in Adults Living With HIV/AIDS in Malawi. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 643-650.	2.1	4
87	Updates to Spectrum's case surveillance and vital registration tool for HIV estimates and projections. Journal of the International AIDS Society, 2021, 24, e25777.	3.0	3
88	Challenges in estimating HIV prevalence trends and geographical variation in HIV prevalence using antenatal data: Insights from mathematical modelling. PLoS ONE, 2020, 15, e0242595.	2.5	3
89	Incidence and predictors of attrition among patients receiving ART in eastern Zimbabwe before, and after the introduction of universal â€˜treat-allâ€™ policies: A competing risk analysis. PLOS Global Public Health, 2021, 1, e0000006.	1.6	3
90	Predictors and consequences of HIV status disclosure to adolescents living with HIV in Eastern Cape, South Africa: a prospective cohort study. Journal of the International AIDS Society, 2022, 25, e25910.	3.0	2

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91	Measuring concurrent partnerships â€“ Authors' reply. Lancet, The, 2010, 375, 1870.	13.7	1
92	Beware of using invalid transmission models to guide HIV health policy â€“ Authors' reply. The Lancet Global Health, 2014, 2, e261.	6.3	1
93	What Might be the Impact of Sexual Partnership â€œConcurrencyâ€•Behavior Change Communication Campaigns?. Sexually Transmitted Diseases, 2012, 39, 899.	1.7	0
94	How will we get there? How will we know?. Lancet HIV,the, 2017, 4, e429-e430.	4.7	0
95	Response to Questionable assumptions mar modelling of Kenya homeâ€based testing campaigns â€•a comment on â€œOptimal timing of HIV homeâ€based counselling and testing rounds in Western Kenyaâ€• (Olney etÂal. 2018). Journal of the International AIDS Society, 2019, 22, e25231.	3.0	0