

Jan A C Hontelez

List of Publications by Citations

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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.

46
papers

1,574
citations

20
h-index

39
g-index

48
ext. papers

1,853
ext. citations

5.8
avg. IF

3.9
L-index

#	Paper	IF	Citations
46	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
45	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
44	Population-level impact, herd immunity, and elimination after human papillomavirus vaccination: a systematic review and meta-analysis of predictions from transmission-dynamic models. <i>Lancet Public Health, The</i> , 2016 , 1, e8-e17	22.4	148
43	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
42	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
41	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
40	Ageing with HIV in South Africa. <i>Aids</i> , 2011 , 25, 1665-7	3.5	61
39	Costs, effects and cost-effectiveness of breast cancer control in Ghana. <i>Tropical Medicine and International Health</i> , 2012 , 17, 1031-43	2.3	54
38	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
37	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
36	Long-term financing needs for HIV control in sub-Saharan Africa in 2015-2050: a modelling study. <i>BMJ Open</i> , 2016 , 6, e009656	3	34
35	Looking upstream to prevent HIV transmission: can interventions with sex workers alter the course of HIV epidemics in Africa as they did in Asia?. <i>Aids</i> , 2014 , 28, 891-9	3.5	34
34	Concerted Efforts to Control or Eliminate Neglected Tropical Diseases: How Much Health Will Be Gained?. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004386	4.8	31
33	Evidence for scaling up HIV treatment in sub-Saharan Africa: A call for incorporating health system constraints. <i>PLoS Medicine</i> , 2017 , 14, e1002240	11.6	30
32	The Socioeconomic Benefit to Individuals of Achieving the 2020 Targets for Five Preventive Chemotherapy Neglected Tropical Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005289	4.8	30
31	Changing HIV treatment eligibility under health system constraints in sub-Saharan Africa: investment needs, population health gains, and cost-effectiveness. <i>Aids</i> , 2016 , 30, 2341-50	3.5	30
30	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

29	Human resources needs for universal access to antiretroviral therapy in South Africa: a time and motion study. <i>Human Resources for Health</i> , 2012 , 10, 39	4.6	21
28	Socioeconomic benefit to individuals of achieving 2020 targets for four neglected tropical diseases controlled/eliminated by innovative and intensified disease management: Human African trypanosomiasis, leprosy, visceral leishmaniasis, Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006250	4.8	20
27	Mapping and characterising areas with high levels of HIV transmission in sub-Saharan Africa: A geospatial analysis of national survey data. <i>PLoS Medicine</i> , 2020 , 17, e1003042	11.6	18
26	The role of acquired immunity in the spread of human papillomavirus (HPV): explorations with a microsimulation model. <i>PLoS ONE</i> , 2015 , 10, e0116618	3.7	12
25	Equity in utilization of antiretroviral therapy for HIV-infected people in South Africa: a systematic review. <i>International Journal for Equity in Health</i> , 2014 , 13, 60	4.6	12
24	Epidemiological And Health Systems Implications Of Evolving HIV And Hypertension In South Africa And Kenya. <i>Health Affairs</i> , 2019 , 38, 1173-1181	7	10
23	Behavioural disinhibition in the general population during the antiretroviral therapy roll-out in Sub-Saharan Africa: systematic review and meta-analysis. <i>Tropical Medicine and International Health</i> , 2017 , 22, 797-806	2.3	9
22	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
21	The estimated impact of natural immunity on the effectiveness of human papillomavirus vaccination. <i>Vaccine</i> , 2015 , 33, 5357-5364	4.1	6
20	Translating international HIV treatment guidelines into local priorities in Indonesia. <i>Tropical Medicine and International Health</i> , 2018 , 23, 279-294	2.3	6
19	Public Health Benefits of Routine Human Papillomavirus Vaccination for Adults in the Netherlands: A Mathematical Modeling Study. <i>Journal of Infectious Diseases</i> , 2016 , 214, 854-61	7	6
18	The costs of HIV treatment and care in Ghana. <i>Aids</i> , 2017 , 31, 2279-2286	3.5	5
17	The health impact of human papillomavirus vaccination in the situation of primary human papillomavirus screening: A mathematical modeling study. <i>PLoS ONE</i> , 2018 , 13, e0202924	3.7	5
16	Effectiveness and impact of hepatitis B virus vaccination of children with at least one parent born in a hepatitis B virus endemic country: an early assessment. <i>Journal of Epidemiology and Community Health</i> , 2010 , 64, 890-4	5.1	4
15	Economy, migrant labour and sex work: interplay of HIV epidemic drivers in Zimbabwe over three decades. <i>Aids</i> , 2019 , 33, 123-131	3.5	3
14	Impact of the coronavirus disease 2019-related global recession on the financing of the global HIV response. <i>Aids</i> , 2021 , 35, 1143-1146	3.5	3
13	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
12	Integrating HIV services and other health services: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2021 , 18, e1003836	11.6	2

11	Which delivery model innovations can support sustainable HIV treatment?. <i>African Journal of AIDS Research</i> , 2019 , 18, 315-323	1.8	1
10	Evidence-based policymaking when evidence is incomplete: The case of HIV programme integration. <i>PLoS Medicine</i> , 2021 , 18, e1003835	11.6	0
9	Evidence-Informed Deliberative Processes - Early Dialogue, Broad Focus and Relevance: A Response to Recent Commentaries. <i>International Journal of Health Policy and Management</i> , 2018 , 7, 96-97 ⁵	2.5	0
8	The Differential Risk of Cervical Cancer in HPV-Vaccinated and -Unvaccinated Women: A Mathematical Modeling Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 912-919	4	0
7	HIV Treatment Substantially Decreases Hospitalization Rates: Evidence From Rural South Africa. <i>Health Affairs</i> , 2018 , 37, 997-1004	7	
6	Mathematical modeling of HIV elimination strategies 2013 , 119-138		
5	Mapping and characterising areas with high levels of HIV transmission in sub-Saharan Africa: A geospatial analysis of national survey data 2020 , 17, e1003042		
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