

Roel Bakker

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

971
citations

643344

15
h-index

685536

24
g-index

28
all docs

28
docs citations

28
times ranked

1799
citing authors

#	ARTICLE	IF	CITATIONS
1	Population benefits of addressing programmatic and social determinants of gender disparities in tuberculosis in Viet Nam: A modelling study. PLOS Global Public Health, 2022, 2, e0000784.	0.5	1
2	How does onchocerciasis-related skin and eye disease in Africa depend on cumulative exposure to infection and mass treatment?. PLoS Neglected Tropical Diseases, 2021, 15, e0009489.	1.3	6
3	The burden of skin disease and eye disease due to onchocerciasis in countries formerly under the African Programme for Onchocerciasis Control mandate for 1990, 2020, and 2030. PLoS Neglected Tropical Diseases, 2021, 15, e0009604.	1.3	17
4	Predicted short and long-term impact of deworming and water, hygiene, and sanitation on transmission of soil-transmitted helminths. PLoS Neglected Tropical Diseases, 2018, 12, e0006758.	1.3	40
5	The health impact of human papillomavirus vaccination in the situation of primary human papillomavirus screening: A mathematical modeling study. PLoS ONE, 2018, 13, e0202924.	1.1	7
6	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. PLoS Neglected Tropical Diseases, 2018, 12, e0006250.	1.3	29
7	The Socioeconomic Benefit to Individuals of Achieving the 2020 Targets for Five Preventive Chemotherapy Neglected Tropical Diseases. PLoS Neglected Tropical Diseases, 2017, 11, e0005289.	1.3	39
8	Concerted Efforts to Control or Eliminate Neglected Tropical Diseases: How Much Health Will Be Gained?. PLoS Neglected Tropical Diseases, 2016, 10, e0004386.	1.3	45
9	Public Health Benefits of Routine Human Papillomavirus Vaccination for Adults in the Netherlands: A Mathematical Modeling Study. Journal of Infectious Diseases, 2016, 214, 854-861.	1.9	9
10	Feasibility of controlling hookworm infection through preventive chemotherapy: a simulation study using the individual-based WORMSIM modelling framework. Parasites and Vectors, 2015, 8, 541.	1.0	53
11	The Role of Acquired Immunity in the Spread of Human Papillomavirus (HPV): Explorations with a Microsimulation Model. PLoS ONE, 2015, 10, e0116618.	1.1	17
12	Reducing Income Inequalities in Food Consumption. American Journal of Preventive Medicine, 2015, 49, 605-613.	1.6	25
13	The estimated impact of natural immunity on the effectiveness of human papillomavirus vaccination. Vaccine, 2015, 33, 5357-5364.	1.7	7
14	Elimination of African Onchocerciasis: Modeling the Impact of Increasing the Frequency of Ivermectin Mass Treatment. PLoS ONE, 2014, 9, e115886.	1.1	59
15	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.	2.9	188
16	Elimination of HIV in South Africa through Expanded Access to Antiretroviral Therapy: A Model Comparison Study. PLoS Medicine, 2013, 10, e1001534.	3.9	124
17	Exploring the Potential Impact of a Reduction in Partnership Concurrency on HIV Incidence in Rural Uganda. Sexually Transmitted Diseases, 2012, 39, 407-413.	0.8	25
18	Attempting to explain heterogeneous HIV epidemics in sub-Saharan Africa: potential role of historical changes in risk behaviour and male circumcision. Sexually Transmitted Infections, 2011, 87, 640-645.	0.8	7

#	ARTICLE	IF	CITATIONS
19	The Impact of the New WHO Antiretroviral Treatment Guidelines on HIV Epidemic Dynamics and Cost in South Africa. PLoS ONE, 2011, 6, e21919.	1.1	47
20	Polygyny and symmetric concurrency: comparing long-duration sexually transmitted infection prevalence using simulated sexual networks. Sexually Transmitted Infections, 2010, 86, 553-558.	0.8	11
21	Male circumcision for HIV prevention in sub-Saharan Africa: who, what and when?. Aids, 2008, 22, 1841-1850.	1.0	83
22	HIV dynamics and behaviour change as determinants of the impact of sexually transmitted disease treatment on HIV transmission in the context of the Rakai trial. Aids, 2002, 16, 2209-2218.	1.0	45
23	HIV spread and partnership reduction for different patterns of sexual behaviour – a study with the microsimulation model <i>STDSIM</i> . Mathematical Population Studies, 2000, 8, 135-173.	0.8	40
24	Rumen digesta kinetics in dairy cows fed grass, maize and alfalfa silage.. Animal Feed Science and Technology, 1998, 73, 37-58.	1.1	15
25	Further evidence for the regulation of the tight junction ion selectivity by cAMP in goldfish intestinal mucosa. Journal of Membrane Biology, 1989, 111, 25-35.	1.0	26