

# Chaitra Gopalappa

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

827  
citations

687363

13  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1683  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2014, 2, e23-e34.	6.3	188
2	Updates of Lifetime Costs of Care and Quality-of-Life Estimates for HIV-Infected Persons in the United States. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 64, 183-189.	2.1	113
3	How Can We Get Close to Zero? The Potential Contribution of Biomedical Prevention and the Investment Framework towards an Effective Response to HIV. <i>PLoS ONE</i> , 2014, 9, e111956.	2.5	67
4	Updates to the Spectrum model to estimate key HIV indicators for adults and children. <i>Aids</i> , 2014, 28, S427-S434.	2.2	67
5	Progression and Transmission of HIV/AIDS (PATH 2.0). <i>Medical Decision Making</i> , 2017, 37, 224-233.	2.4	53
6	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-e608.	6.3	46
7	Lifetime Costs and Quality-Adjusted Life Years Saved From HIV Prevention in the Test and Treat Era. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 64, e15-e18.	2.1	43
8	The costs and benefits of Option B+ for the prevention of mother-to-child transmission of HIV. <i>Aids</i> , 2014, 28, S5-S14.	2.2	43
9	Cost Effectiveness of the National HIV/AIDS Strategy Goal of Increasing Linkage to Care for HIV-Infected Persons. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 61, 99-105.	2.1	36
10	The potential effects of changing HIV treatment policy on tuberculosis outcomes in South Africa. <i>Aids</i> , 2014, 28, S25-S34.	2.2	33
11	Cost-effective interventions for breast cancer, cervical cancer, and colorectal cancer: new results from WHO-CHOICE. <i>Cost Effectiveness and Resource Allocation</i> , 2018, 16, 38.	1.5	27
12	Cost-Effectiveness of Screening Men in Maricopa County Jails for Chlamydia and Gonorrhea to Avert Infections in Women. <i>Sexually Transmitted Diseases</i> , 2013, 40, 776-783.	1.7	20
13	The impact and cost of the 2013 WHO recommendations on eligibility for antiretroviral therapy. <i>Aids</i> , 2014, 28, S225-S230.	2.2	15
14	Probability model for estimating colorectal polyp progression rates. <i>Health Care Management Science</i> , 2011, 14, 1-21.	2.6	14
15	Threshold analyses on combinations of testing, population size, and vaccine coverage for COVID-19 control in a university setting. <i>PLoS ONE</i> , 2021, 16, e0255864.	2.5	14
16	A Two-Step Markov Processes Approach for Parameterization of Cancer State-Transition Models for Low- and Middle-Income Countries. <i>Medical Decision Making</i> , 2018, 38, 520-530.	2.4	13
17	Combinations of interventions to achieve a national HIV incidence reduction goal. <i>Aids</i> , 2017, 31, 2533-2539.	2.2	11
18	Removal of Hybridization and Scanning Noise From Microarrays. <i>IEEE Transactions on Nanobioscience</i> , 2009, 8, 210-218.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Progression and transmission of HIV (PATH 4.0)-A new agent-based evolving network simulation for modeling HIV transmission clusters. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 2150-2181.	1.9	7
20	Agent-based evolving network modeling: a new simulation method for modeling low prevalence infectious diseases. <i>Health Care Management Science</i> , 2021, 24, 623-639.	2.6	6
21	Analysis of Mammography Screening Schedules under Varying Resource Constraints for Planning Breast Cancer Control Programs in Low- and Middle-Income Countries: A Mathematical Study. <i>Medical Decision Making</i> , 2020, 40, 364-378.	2.4	2
22	A reinforcement learning model to inform optimal decision paths for HIV elimination. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 7666-7684.	1.9	2
23	Exploring the Impact of and Requirements for Adding a Vaccine to the Updated UNAIDS Investment Framework to End AIDS. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A273-A273.	1.1	0