

Anne Cori

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

9,768
citations

109321

35
h-index

106344

65
g-index

77
all docs

77
docs citations

77
times ranked

16327
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimates of the severity of coronavirus disease 2019: a model-based analysis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 669-677.	9.1	3,036
2	Ebola Virus Disease in West Africa – The First 9 Months of the Epidemic and Forward Projections. <i>New England Journal of Medicine</i> , 2014, 371, 1481-1495.	27.0	1,367
3	A New Framework and Software to Estimate Time-Varying Reproduction Numbers During Epidemics. <i>American Journal of Epidemiology</i> , 2013, 178, 1505-1512.	3.4	1,206
4	Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021, 12, 1090.	12.8	394
5	After Ebola in West Africa – Unpredictable Risks, Preventable Epidemics. <i>New England Journal of Medicine</i> , 2016, 375, 587-596.	27.0	216
6	Bayesian Reconstruction of Disease Outbreaks by Combining Epidemiologic and Genomic Data. <i>PLoS Computational Biology</i> , 2014, 10, e1003457.	3.2	207
7	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
8	West African Ebola Epidemic after One Year – Slowing but Not Yet under Control. <i>New England Journal of Medicine</i> , 2015, 372, 584-587.	27.0	174
9	Potential Biases in Estimating Absolute and Relative Case-Fatality Risks during Outbreaks. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003846.	3.0	170
10	When are pathogen genome sequences informative of transmission events?. <i>PLoS Pathogens</i> , 2018, 14, e1006885.	4.7	169
11	Transmission parameters of the A/H1N1 (2009) influenza virus pandemic: a review. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 306-316.	3.4	125
12	Non-pharmaceutical interventions, vaccination, and the SARS-CoV-2 delta variant in England: a mathematical modelling study. <i>Lancet</i> , The, 2021, 398, 1825-1835.	13.7	119
13	Ebola Virus Disease among Children in West Africa. <i>New England Journal of Medicine</i> , 2015, 372, 1274-1277.	27.0	118
14	Outbreak analytics: a developing data science for informing the response to emerging pathogens. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180276.	4.0	118
15	Genome sequencing defines phylogeny and spread of methicillin-resistant <i>Staphylococcus aureus</i> in a high transmission setting. <i>Genome Research</i> , 2015, 25, 111-118.	5.5	111
16	Transmissibility and geographic spread of the 1889 influenza pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8778-8781.	7.1	105
17	The role of rapid diagnostics in managing Ebola epidemics. <i>Nature</i> , 2015, 528, S109-S116.	27.8	97
18	Unraveling the drivers of MERS-CoV transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9081-9086.	7.1	95

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19	Outbreak of Ebola virus disease in the Democratic Republic of the Congo, April–May, 2018: an epidemiological study. <i>Lancet, The</i> , 2018, 392, 213-221.	13.7	93
20	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.	2.5	91
21	Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	89
22	Heterogeneities in the case fatality ratio in the West African Ebola outbreak 2013–2016. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160308.	4.0	83
23	Real-time Epidemic Forecasting: Challenges and Opportunities. <i>Health Security</i> , 2019, 17, 268-275.	1.8	83
24	Exposure Patterns Driving Ebola Transmission in West Africa: A Retrospective Observational Study. <i>PLoS Medicine</i> , 2016, 13, e1002170.	8.4	72
25	Key data for outbreak evaluation: building on the Ebola experience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160371.	4.0	70
26	Dispersion of the HIV-1 Epidemic in Men Who Have Sex with Men in the Netherlands: A Combined Mathematical Model and Phylogenetic Analysis. <i>PLoS Medicine</i> , 2015, 12, e1001898.	8.4	69
27	A simple approach to measure transmissibility and forecast incidence. <i>Epidemics</i> , 2018, 22, 29-35.	3.0	63
28	Ebola Virus Disease among Male and Female Persons in West Africa. <i>New England Journal of Medicine</i> , 2016, 374, 96-98.	27.0	60
29	outbreaker2: a modular platform for outbreak reconstruction. <i>BMC Bioinformatics</i> , 2018, 19, 363.	2.6	60
30	Bayesian inference of transmission chains using timing of symptoms, pathogen genomes and contact data. <i>PLoS Computational Biology</i> , 2019, 15, e1006930.	3.2	60
31	Estimating influenza latency and infectious period durations using viral excretion data. <i>Epidemics</i> , 2012, 4, 132-138.	3.0	58
32	Phylogenetic Tools for Generalized HIV-1 Epidemics: Findings from the PANGEA-HIV Methods Comparison. <i>Molecular Biology and Evolution</i> , 2017, 34, 185-203.	8.9	53
33	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
34	Age patterns of HIV incidence in eastern and southern Africa: a modelling analysis of observational population-based cohort studies. <i>Lancet HIV</i> , 2021, 8, e429-e439.	4.7	40
35	CD4+ cell dynamics in untreated HIV-1 infection. <i>Aids</i> , 2015, 29, 2435-2446.	2.2	38
36	OutbreakTools: A new platform for disease outbreak analysis using the R software. <i>Epidemics</i> , 2014, 7, 28-34.	3.0	37

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37	Differences in health-related quality of life between HIV-positive and HIV-negative people in Zambia and South Africa: a cross-sectional baseline survey of the HPTN 071 (PopART) trial. <i>The Lancet Global Health</i> , 2017, 5, e1133-e1141.	6.3	37
38	International risk of yellow fever spread from the ongoing outbreak in Brazil, December 2016 to May 2017. <i>Eurosurveillance</i> , 2017, 22, .	7.0	36
39	The potential effects of changing HIV treatment policy on tuberculosis outcomes in South Africa. <i>Aids</i> , 2014, 28, S25-S34.	2.2	33
40	A graph-based evidence synthesis approach to detecting outbreak clusters: An application to dog rabies. <i>PLoS Computational Biology</i> , 2018, 14, e1006554.	3.2	33
41	Characterising within-hospital SARS-CoV-2 transmission events using epidemiological and viral genomic data across two pandemic waves. <i>Nature Communications</i> , 2022, 13, 671.	12.8	33
42	Explosive nosocomial outbreak of SARS-CoV-2 in a rehabilitation clinic: the limits of genomics for outbreak reconstruction. <i>Journal of Hospital Infection</i> , 2021, 117, 124-134.	2.9	29
43	A Comparative Analysis of Statistical Methods to Estimate the Reproduction Number in Emerging Epidemics, With Implications for the Current Coronavirus Disease 2019 (COVID-19) Pandemic. <i>Clinical Infectious Diseases</i> , 2021, 73, e215-e223.	5.8	28
44	Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. <i>Scientific Reports</i> , 2021, 11, 16342.	3.3	26
45	How Can Viral Dynamics Models Inform Endpoint Measures in Clinical Trials of Therapies for Acute Viral Infections?. <i>PLoS ONE</i> , 2016, 11, e0158237.	2.5	24
46	Using digital surveillance tools for near real-time mapping of the risk of infectious disease spread. <i>Npj Digital Medicine</i> , 2021, 4, 73.	10.9	23
47	Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions. <i>Nature Communications</i> , 2021, 12, 2188.	12.8	23
48	Temporal Variability and Social Heterogeneity in Disease Transmission: The Case of SARS in Hong Kong. <i>PLoS Computational Biology</i> , 2009, 5, e1000471.	3.2	22
49	How effectively can HIV phylogenies be used to measure heritability?. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 209-224.	2.5	21
50	Evolution of HIV virulence in response to widespread scale up of antiretroviral therapy: a modeling study. <i>Virus Evolution</i> , 2016, 2, vew028.	4.9	21
51	Cost and cost-effectiveness of a universal HIV testing and treatment intervention in Zambia and South Africa: evidence and projections from the HPTN 071 (PopART) trial. <i>The Lancet Global Health</i> , 2021, 9, e668-e680.	6.3	18
52	A Quantitative Framework for Defining the End of an Infectious Disease Outbreak: Application to Ebola Virus Disease. <i>American Journal of Epidemiology</i> , 2021, 190, 642-651.	3.4	17
53	Impact and Cost-Effectiveness of Point-Of-Care CD4 Testing on the HIV Epidemic in South Africa. <i>PLoS ONE</i> , 2016, 11, e0158303.	2.5	16
54	Data journalism and the COVID-19 pandemic: opportunities and challenges. <i>The Lancet Digital Health</i> , 2021, 3, e619-e621.	12.3	16

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55	The Incidence Patterns Model to Estimate the Distribution of New HIV Infections in Sub-Saharan Africa: Development and Validation of a Mathematical Model. <i>PLoS Medicine</i> , 2016, 13, e1002121.	8.4	16
56	Age distribution of cases and deaths during the 1889 influenza pandemic. <i>Vaccine</i> , 2011, 29, B6-B10.	3.8	15
57	Real-time estimation of the epidemic reproduction number: Scoping review of the applications and challenges. , 2022, 1, e0000052.		15
58	Estimating HIV incidence from case-report data. <i>Aids</i> , 2014, 28, S489-S496.	2.2	9
59	A New Method for Estimating the Coverage of Mass Vaccination Campaigns Against Poliomyelitis From Surveillance Data. <i>American Journal of Epidemiology</i> , 2015, 182, 961-970.	3.4	9
60	Inferring the reproduction number using the renewal equation in heterogeneous epidemics. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210429.	3.4	9
61	Occupational and community risk of SARS-CoV-2 infection among employees of a long-term care facility: an observational study. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 51.	4.1	8
62	Reconstruction of transmission chains of SARS-CoV-2 amidst multiple outbreaks in a geriatric acute-care hospital: a combined retrospective epidemiological and genomic study. <i>ELife</i> , 0, 11, .	6.0	8
63	HIV Treatment-As-Prevention Research: Taking the Right Road at the Crossroads. <i>PLoS Medicine</i> , 2015, 12, e1001800.	8.4	7
64	PopART-IBM, a highly efficient stochastic individual-based simulation model of generalised HIV epidemics developed in the context of the HPTN 071 (PopART) trial. <i>PLoS Computational Biology</i> , 2021, 17, e1009301.	3.2	5
65	Estimating the number of undetected COVID-19 cases among travellers from mainland China. <i>Wellcome Open Research</i> , 2020, 5, 143.	1.8	5
66	Reproducible parallel inference and simulation of stochastic state space models using odin, dust, and mcstate. <i>Wellcome Open Research</i> , 2020, 5, 288.	1.8	4