

# Katy A M Gaythorpe

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

11,559  
citations

257450

24  
h-index

233421

45  
g-index

61  
all docs

61  
docs citations

61  
times ranked

21015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accessing sub-national cholera epidemiological data for Nigeria and the Democratic Republic of Congo during the seventh pandemic. <i>BMC Infectious Diseases</i> , 2022, 22, 288.	2.9	1
2	Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. <i>International Journal of Infectious Diseases</i> , 2021, 102, 463-471.	3.3	12
3	Estimating the health impact of vaccination against ten pathogens in 98 low-income and middle-income countries from 2000 to 2030: a modelling study. <i>Lancet, The</i> , 2021, 397, 398-408.	13.7	144
4	Yellow fever in Asia—a risk analysis. <i>Journal of Travel Medicine</i> , 2021, 28, .	3.0	10
5	Assessing the impact of preventive mass vaccination campaigns on yellow fever outbreaks in Africa: A population-level self-controlled case series study. <i>PLoS Medicine</i> , 2021, 18, e1003523.	8.4	6
6	Reduction in mobility and COVID-19 transmission. <i>Nature Communications</i> , 2021, 12, 1090.	12.8	394
7	Chainchecker: An application to visualise and explore transmission chains for Ebola virus disease. <i>PLoS ONE</i> , 2021, 16, e0247002.	2.5	2
8	The global burden of yellow fever. <i>ELife</i> , 2021, 10, .	6.0	66
9	Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. <i>Nature</i> , 2021, 593, 266-269.	27.8	1,001
10	Traits and risk factors of post-disaster infectious disease outbreaks: a systematic review. <i>Scientific Reports</i> , 2021, 11, 5616.	3.3	22
11	Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. <i>Vaccine</i> , 2021, 39, 2995-3006.	3.8	71
12	Vaccines can save children with non-preventable diseases — Authors' reply. <i>Lancet, The</i> , 2021, 397, 2251.	13.7	1
13	Seasonality of agricultural exposure as an important predictor of seasonal yellow fever spillover in Brazil. <i>Nature Communications</i> , 2021, 12, 3647.	12.8	15
14	Impact of COVID-19-related disruptions to measles, meningococcal A, and yellow fever vaccination in 10 countries. <i>ELife</i> , 2021, 10, .	6.0	54
15	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
16	Children's role in the COVID-19 pandemic: a systematic review of early surveillance data on susceptibility, severity, and transmissibility. <i>Scientific Reports</i> , 2021, 11, 13903.	3.3	65
17	Lives saved with vaccination for 10 pathogens across 112 countries in a pre-COVID-19 world. <i>ELife</i> , 2021, 10, .	6.0	50
18	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

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19	Seasonal and inter-annual drivers of yellow fever transmission in South America. PLoS Neglected Tropical Diseases, 2021, 15, e0008974.	3.0	14
20	Non-pharmaceutical interventions, vaccination, and the SARS-CoV-2 delta variant in England: a mathematical modelling study. Lancet, The, 2021, 398, 1825-1835.	13.7	119
21	How can the public health impact of vaccination be estimated?. BMC Public Health, 2021, 21, 2049.	2.9	11
22	Exploring relationships between drought and epidemic cholera in Africa using generalised linear models. BMC Infectious Diseases, 2021, 21, 1177.	2.9	8
23	Potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria in low-income and middle-income countries: a modelling study. The Lancet Global Health, 2020, 8, e1132-e1141.	6.3	573
24	State-level tracking of COVID-19 in the United States. Nature Communications, 2020, 11, 6189.	12.8	104
25	Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Vo��. Nature, 2020, 584, 425-429.	27.8	872
26	Response to COVID-19 in South Korea and implications for lifting stringent interventions. BMC Medicine, 2020, 18, 321.	5.5	137
27	SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. Journal of Travel Medicine, 2020, 27, .	3.0	5
28	Understanding the risks for post-disaster infectious disease outbreaks: a systematic review protocol. BMJ Open, 2020, 10, e039608.	1.9	4
29	Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 1381-1389.	9.1	171
30	Eliminating yellow fever epidemics in Africa: Vaccine demand forecast and impact modelling. PLoS Neglected Tropical Diseases, 2020, 14, e0008304.	3.0	21
31	The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. Science, 2020, 369, 413-422.	12.6	718
32	Estimates of the severity of coronavirus disease 2019: a model-based analysis. Lancet Infectious Diseases, The, 2020, 20, 669-677.	9.1	3,036
33	Estimating the number of undetected COVID-19 cases among travellers from mainland China. Wellcome Open Research, 2020, 5, 143.	1.8	5
34	Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. Nature, 2020, 584, 257-261.	27.8	2,558
35	Adoption and impact of non-pharmaceutical interventions for COVID-19. Wellcome Open Research, 2020, 5, 59.	1.8	106
36	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81.	1.8	62

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37	Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81.	1.8	81
38	Anonymised and aggregated crowd level mobility data from mobile phones suggests that initial compliance with COVID-19 social distancing interventions was high and geographically consistent across the UK. Wellcome Open Research, 2020, 5, 170.	1.8	58
39	The effect of climate change on yellow fever disease burden in Africa. ELife, 2020, 9, .	6.0	31
40	Quantifying model evidence for yellow fever transmission routes in Africa. PLoS Computational Biology, 2019, 15, e1007355.	3.2	19
41	Norovirus transmission dynamics: a modelling review. Epidemiology and Infection, 2018, 146, 147-158.	2.1	41
42	Responding to yellow fever outbreaks in West and Central Africa: Rapid prioritization assessment for the pre-emptive vaccination campaigns. Revue D'Epidemiologie Et De Sante Publique, 2018, 66, S392.	0.5	0
43	Outbreak of Ebola virus disease in the Democratic Republic of the Congo, Aprilâ€“May, 2018: an epidemiological study. Lancet, The, 2018, 392, 213-221.	13.7	93
44	Modelling norovirus transmission and vaccination. Vaccine, 2018, 36, 5565-5571.	3.8	9
45	Disease and disaster: Optimal deployment of epidemic control facilities in a spatially heterogeneous population with changing behaviour. Journal of Theoretical Biology, 2016, 397, 169-178.	1.7	4