# Katy A M Gaythorpe

List of Publications by Year
in descending order

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|---|---|---|---|
| 45<br>papers | 11,559<br>citations | 257450<br>24<br>h-index | 233421<br>45<br>g-index |
| 61<br>all docs | 61<br>docs citations | 61<br>times ranked | 21015<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Estimates of the severity of coronavirus disease 2019: a model-based analysis. Lancet Infectious Diseases, The, 2020, 20, 669-677. | 9.1 | 3,036 |
| 2 | Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. Nature, 2020, 584, 257-261. | 27.8 | 2,558 |
| 3 | Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. Nature, 2021, 593, 266-269. | 27.8 | 1,001 |
| 4 | Suppression of a SARS-CoV-2 outbreak in the Italian municipality of Voâ€™. Nature, 2020, 584, 425-429. | 27.8 | 872 |
| 5 | 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 |
| 6 | 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 |
| 7 | Reduction in mobility and COVID-19 transmission. Nature Communications, 2021, 12, 1090. | 12.8 | 394 |
| 8 | Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 1381-1389. | 9.1 | 171 |
| 9 | Estimating the health impact of vaccination against ten pathogens in 98 low-income and middle-income countries from 2000 to 2030: a modelling study. Lancet, The, 2021, 397, 398-408. | 13.7 | 144 |
| 10 | Response to COVID-19 in South Korea and implications for lifting stringent interventions. BMC Medicine, 2020, 18, 321. | 5.5 | 137 |
| 11 | 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 |
| 12 | Adoption and impact of non-pharmaceutical interventions for COVID-19. Wellcome Open Research, 2020, 5, 59. | 1.8 | 106 |
| 13 | State-level tracking of COVID-19 in the United States. Nature Communications, 2020, 11, 6189. | 12.8 | 104 |
| 14 | 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 |
| 15 | Key epidemiological drivers and impact of interventions in the 2020 SARS-CoV-2 epidemic in England. Science Translational Medicine, 2021, 13, . | 12.4 | 89 |
| 16 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81. | 1.8 | 81 |
| 17 | Within-country age-based prioritisation, global allocation, and public health impact of a vaccine against SARS-CoV-2: A mathematical modelling analysis. Vaccine, 2021, 39, 2995-3006. | 3.8 | 71 |
| 18 | The global burden of yellow fever. ELife, 2021, 10, . | 6.0 | 66 |

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|---|---------|----|-----------|
| 19 | Children's role in the COVID-19 pandemic: a systematic review of early surveillance data on susceptibility, severity, and transmissibility. Scientific Reports, 2021, 11, 13903. | 3.3 | 65 |
| 20 | Evidence of initial success for China exiting COVID-19 social distancing policy after achieving containment. Wellcome Open Research, 2020, 5, 81. | 1.8 | 62 |
| 21 | 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 |
| 22 | Impact of COVID-19-related disruptions to measles, meningococcal A, and yellow fever vaccination in 10 countries. ELife, 2021, 10, . | 6.0 | 54 |
| 23 | Lives saved with vaccination for 10 pathogens across 112 countries in a pre-COVID-19 world. ELife, 2021, 10, . | 6.0 | 50 |
| 24 | Norovirus transmission dynamics: a modelling review. Epidemiology and Infection, 2018, 146, 147-158. | 2.1 | 41 |
| 25 | The effect of climate change on yellow fever disease burden in Africa. ELife, 2020, 9, . | 6.0 | 31 |
| 26 | Comparing the responses of the UK, Sweden and Denmark to COVID-19 using counterfactual modelling. Scientific Reports, 2021, 11, 16342. | 3.3 | 26 |
| 27 | Traits and risk factors of post-disaster infectious disease outbreaks: a systematic review. Scientific Reports, 2021, 11, 5616. | 3.3 | 22 |
| 28 | Eliminating yellow fever epidemics in Africa: Vaccine demand forecast and impact modelling. PLoS Neglected Tropical Diseases, 2020, 14, e0008304. | 3.0 | 21 |
| 29 | Quantifying model evidence for yellow fever transmission routes in Africa. PLoS Computational Biology, 2019, 15, e1007355. | 3.2 | 19 |
| 30 | Seasonality of agricultural exposure as an important predictor of seasonal yellow fever spillover in Brazil. Nature Communications, 2021, 12, 3647. | 12.8 | 15 |
| 31 | Seasonal and inter-annual drivers of yellow fever transmission in South America. PLoS Neglected Tropical Diseases, 2021, 15, e0008974. | 3.0 | 14 |
| 32 | Database of epidemic trends and control measures during the first wave of COVID-19 in mainland China. International Journal of Infectious Diseases, 2021, 102, 463-471. | 3.3 | 12 |
| 33 | How can the public health impact of vaccination be estimated?. BMC Public Health, 2021, 21, 2049. | 2.9 | 11 |
| 34 | Yellow fever in Asia–a risk analysis. Journal of Travel Medicine, 2021, 28, . | 3.0 | 10 |
| 35 | Modelling norovirus transmission and vaccination. Vaccine, 2018, 36, 5565-5571. | 3.8 | 9 |
| 36 | Exploring relationships between drought and epidemic cholera in Africa using generalised linear models. BMC Infectious Diseases, 2021, 21, 1177. | 2.9 | 8 |

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| 37 | Assessing the impact of preventive mass vaccination campaigns on yellow fever outbreaks in Africa: A population-level self-controlled case series study. PLoS Medicine, 2021, 18, e1003523. | 8.4 | 6 |
| 38 | SARS-CoV-2 infection prevalence on repatriation flights from Wuhan City, China. Journal of Travel Medicine, 2020, 27, . | 3.0 | 5 |
| 39 | Estimating the number of undetected COVID-19 cases among travellers from mainland China. Wellcome Open Research, 2020, 5, 143. | 1.8 | 5 |
| 40 | 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 |
| 41 | Understanding the risks for post-disaster infectious disease outbreaks: a systematic review protocol. BMJ Open, 2020, 10, e039608. | 1.9 | 4 |
| 42 | Chainchecker: An application to visualise and explore transmission chains for Ebola virus disease. PLoS ONE, 2021, 16, e0247002. | 2.5 | 2 |
| 43 | Vaccines can save children with non-preventable diseases â€" Authors' reply. Lancet, The, 2021, 397, 2251. | 13.7 | 1 |
| 44 | Accessing sub-national cholera epidemiological data for Nigeria and the Democratic Republic of Congo during the seventh pandemic. BMC Infectious Diseases, 2022, 22, 288. | 2.9 | 1 |
| 45 | 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 |