# Rosalind M Eggo

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 109
papers | 20,298
citations | 50170
46
h-index | 28224
105
g-index |
| 177
all docs | 177
docs citations | 177
times ranked | 29117
citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. Science, 2021, 372, . | 6.0 | 2,103 |
| 2 | Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. The Lancet Global Health, 2020, 8, e488-e496. | 2.9 | 2,067 |
| 3 | Early dynamics of transmission and control of COVID-19: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 553-558. | 4.6 | 1,999 |
| 4 | The effect of control strategies to reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China: a modelling study. Lancet Public Health, The, 2020, 5, e261-e270. | 4.7 | 1,600 |
| 5 | Age-dependent effects in the transmission and control of COVID-19 epidemics. Nature Medicine, 2020, 26, 1205-1211. | 15.2 | 1,404 |
| 6 | Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study. The Lancet Global Health, 2020, 8, e1003-e1017. | 2.9 | 760 |
| 7 | Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. Lancet Public Health, The, 2020, 5, e375-e385. | 4.7 | 730 |
| 8 | Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 1151-1160. | 4.6 | 710 |
| 9 | Susceptibility to SARS-CoV-2 Infection Among Children and Adolescents Compared With Adults. JAMA Pediatrics, 2021, 175, 143. | 3.3 | 707 |
| 10 | Estimating the infection and case fatality ratio for coronavirus disease (COVID-19) using age-adjusted data from the outbreak on the Diamond Princess cruise ship, February 2020. Eurosurveillance, 2020, 25, . | 3.9 | 389 |
| 11 | HIV infection and COVID-19 death: a population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform. Lancet HIV,the, 2021, 8, e24-e32. | 2.1 | 340 |
| 12 | Ethnic differences in SARS-CoV-2 infection and COVID-19-related hospitalisation, intensive care unit admission, and death in 17 million adults in England: an observational cohort study using the OpenSAFELY platform. Lancet, The, 2021, 397, 1711-1724. | 6.3 | 332 |
| 13 | Secondary attack rate and superspreading events for SARS-CoV-2. Lancet, The, 2020, 395, e47. | 6.3 | 315 |
| 14 | Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefit–risk analysis of health benefits versus excess risk of SARS-CoV-2 infection. The Lancet Global Health, 2020, 8, e1264-e1272. | 2.9 | 265 |
| 15 | Effectiveness of airport screening at detecting travellers infected with novel coronavirus (2019-nCoV). Eurosurveillance, 2020, 25, . | 3.9 | 251 |
| 16 | Transmission Dynamics of Zika Virus in Island Populations: A Modelling Analysis of the 2013–14 French Polynesia Outbreak. PLoS Neglected Tropical Diseases, 2016, 10, e0004726. | 1.3 | 217 |
| 17 | Cholera epidemic in Yemen, 2016–18: an analysis of surveillance data. The Lancet Global Health, 2018, 6, e680-e690. | 2.9 | 203 |
| 18 | Using a real-world network to model localized COVID-19 control strategies. Nature Medicine, 2020, 26, 1616-1622. | 15.2 | 191 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. Wellcome Open Research, 0, 5, 112. | 0.9 | 176 |
| 20 | Modelling COVID-19. Nature Reviews Physics, 2020, 2, 279-281. | 11.9 | 174 |
| 21 | Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. Lancet Public Health, The, 2021, 6, e175-e183. | 4.7 | 156 |
| 22 | Case fatality risk of the SARS-CoV-2 variant of concern B.1.1.7 in England, 16 November to 5 February. Eurosurveillance, 2021, 26, . | 3.9 | 156 |
| 23 | Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. BMC Medicine, 2020, 18, 332. | 2.3 | 129 |
| 24 | Factors associated with deaths due to COVID-19 versus other causes: population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform. Lancet Regional Health - Europe, The, 2021, 6, 100109. | 3.0 | 121 |
| 25 | Outbreak analytics: a developing data science for informing the response to emerging pathogens. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180276. | 1.8 | 118 |
| 26 | The potential health and economic value of SARS-CoV-2 vaccination alongside physical distancing in the UK: a transmission model-based future scenario analysis and economic evaluation. Lancet Infectious Diseases, The, 2021, 21, 962-974. | 4.6 | 117 |
| 27 | Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. Wellcome Open Research, 0, 5, 112. | 0.9 | 117 |
| 28 | Behavioral Change Towards Reduced Intensity Physical Activity Is Disproportionately Prevalent Among Adults With Serious Health Issues or Self-Perception of High Risk During the UK COVID-19 Lockdown. Frontiers in Public Health, 2020, 8, 575091. | 1.3 | 115 |
| 29 | Projecting contact matrices in 177 geographical regions: An update and comparison with empirical data for the COVID-19 era. PLoS Computational Biology, 2021, 17, e1009098. | 1.5 | 115 |
| 30 | Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405. | 1.2 | 106 |
| 31 | Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. The Lancet Global Health, 2017, 5, e80-e88. | 2.9 | 100 |
| 32 | Real-time forecasting of infectious disease dynamics with a stochastic semi-mechanistic model. Epidemics, 2018, 22, 56-61. | 1.5 | 98 |
| 33 | Influenza interaction with cocirculating pathogens and its impact on surveillance, pathogenesis, and epidemic profile: A key role for mathematical modelling. PLoS Pathogens, 2018, 14, e1006770. | 2.1 | 93 |
| 34 | The impact of COVID-19 control measures on social contacts and transmission in Kenyan informal settlements. BMC Medicine, 2020, 18, 316. | 2.3 | 88 |
| 35 | Trust and transparency in times of crisis: Results from an online survey during the first wave (April) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.1 | 87 |
| 36 | Changing travel patterns in China during the early stages of the COVID-19 pandemic. Nature Communications, 2020, 11, 5012. | 5.8 | 86 |

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|---|---------|----|-----------| 
| 37 | Spatial dynamics of the 1918 influenza pandemic in England, Wales and the United States. Journal of the Royal Society Interface, 2011, 8, 233-243. | 1.5 | 85 |
| 38 | Effectiveness of Ring Vaccination as Control Strategy for Ebola Virus Disease. Emerging Infectious Diseases, 2016, 22, 105-108. | 2.0 | 83 |
| 39 | Trends and clinical characteristics of COVID-19 vaccine recipients: a federated analysis of 57.9 million patients' primary care records *in situ* using OpenSAFELY. British Journal of General Practice, 2022, 72, e51-e62. | 0.7 | 75 |
| 40 | Assessing the performance of real-time epidemic forecasts: A case study of Ebola in the Western Area region of Sierra Leone, 2014-15. PLoS Computational Biology, 2019, 15, e1006785. | 1.5 | 74 |
| 41 | Clinical coding of long COVID in English primary care: a federated analysis of 58 million patient records *in situ* using OpenSAFELY. British Journal of General Practice, 2021, 71, e806-e814. | 0.7 | 74 |
| 42 | Severity of Severe Acute Respiratory System Coronavirus 2 (SARS-CoV-2) Alpha Variant (B.1.1.7) in England. Clinical Infectious Diseases, 2022, 75, e1120-e1127. | 2.9 | 71 |
| 43 | Comparative Analysis of Dengue and Zika Outbreaks Reveals Differences by Setting and Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0005173. | 1.3 | 70 |
| 44 | Risks of covid-19 hospital admission and death for people with learning disability: population based cohort study using the OpenSAFELY platform. BMJ, The, 2021, 374, n1592. | 3.0 | 70 |
| 45 | The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. ELife, 2020, 9, . | 2.8 | 70 |
| 46 | The impact of control strategies and behavioural changes on the elimination of Ebola from Lofa County, Liberia. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160302. | 1.8 | 66 |
| 47 | Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. BMC Medicine, 2020, 18, 324. | 2.3 | 66 |
| 48 | Use of non-steroidal anti-inflammatory drugs and risk of death from COVID-19: an OpenSAFELY cohort analysis based on two cohorts. Annals of the Rheumatic Diseases, 2021, 80, 943-951. | 0.5 | 66 |
| 49 | A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. Nature Communications, 2021, 12, 5968. | 5.8 | 66 |
| 50 | Association between living with children and outcomes from covid-19: OpenSAFELY cohort study of 12 million adults in England. BMJ, The, 2021, 372, n628. | 3.0 | 56 |
| 51 | Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis. BMC Medicine, 2018, 16, 180. | 2.3 | 53 |
| 52 | Respiratory virus transmission dynamics determine timing of asthma exacerbation peaks: Evidence from a population-level model. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2194-2199. | 3.3 | 46 |
| 53 | Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. Nature Communications, 2021, 12, 5412. | 5.8 | 41 |
| 54 | Effectiveness of interventions targeting air travellers for delaying local outbreaks of SARS-CoV-2. Journal of Travel Medicine, 2020, 27, . | 1.4 | 39 |

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| 55 | Overall and cause-specific hospitalisation and death after COVID-19 hospitalisation in England: A cohort study using linked primary care, secondary care, and death registration data in the OpenSAFELY platform. PLoS Medicine, 2022, 19, e1003871. | 3.9 | 39 |
| 56 | Mortality among Care Home Residents in England during the first and second waves of the COVID-19 pandemic: an observational study of 4.3 million adults over the age of 65. Lancet Regional Health - Europe, The, 2022, 14, 100295. | 3.0 | 38 |
| 57 | COVID-19 vaccination in Sindh Province, Pakistan: A modelling study of health impact and cost-effectiveness. PLoS Medicine, 2021, 18, e1003815. | 3.9 | 33 |
| 58 | Long-Term Health-Related Quality of Life in Non-Hospitalized Coronavirus Disease 2019 (COVID-19) Cases With Confirmed Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in England: Longitudinal Analysis and Cross-Sectional Comparison With Controls. Clinical Infectious Diseases, 2022, 75, e962-e973. | 2.9 | 32 |
| 59 | Inferring the number of COVID-19 cases from recently reported deaths. Wellcome Open Research, 2020, 5, 78. | 0.9 | 31 |
| 60 | Vaccine Confidence and Hesitancy at the Start of COVID-19 Vaccine Deployment in the UK: An Embedded Mixed-Methods Study. Frontiers in Public Health, 2021, 9, 745630. | 1.3 | 29 |
| 61 | Effect of HPV vaccination and cervical cancer screening in England by ethnicity: a modelling study. Lancet Public Health, The, 2018, 3, e44-e51. | 4.7 | 28 |
| 62 | The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. BMC Medicine, 2020, 18, 259. | 2.3 | 28 |
| 63 | Urgent actions and policies needed to address COVID-19 among UK ethnic minorities. Lancet, The, 2020, 396, 1866-1868. | 6.3 | 27 |
| 64 | UK prevalence of underlying conditions which increase the risk of severe COVID-19 disease: a point prevalence study using electronic health records. BMC Public Health, 2021, 21, 484. | 1.2 | 25 |
| 65 | Duration of Ebola virus RNA persistence in semen of survivors: population-level estimates and projections. Eurosurveillance, 2015, 20, 30083. | 3.9 | 25 |
| 66 | Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. BMC Medicine, 2021, 19, 233. | 2.3 | 24 |
| 67 | Estimating the probability of demonstrating vaccine efficacy in the declining Ebola epidemic: a Bayesian modelling approach. BMJ Open, 2015, 5, e009346. | 0.8 | 22 |
| 68 | Detecting behavioural changes in human movement to inform the spatial scale of interventions against COVID-19. PLoS Computational Biology, 2021, 17, e1009162. | 1.5 | 22 |
| 69 | Epidemic Wave Dynamics Attributable to Urban Community Structure: A Theoretical Characterization of Disease Transmission in a Large Network. Journal of Medical Internet Research, 2015, 17, e169. | 2.1 | 22 |
| 70 | OpenSAFELY NHS Service Restoration Observatory 1: primary care clinical activity in England during the first wave of COVID-19. British Journal of General Practice, 2022, 72, e63-e74. | 0.7 | 22 |
| 71 | The contribution of hospital-acquired infections to the COVID-19 epidemic in England in the first half of 2020. BMC Infectious Diseases, 2022, 22, . | 1.3 | 22 |
| 72 | SARS-CoV-2 seroprevalence in a strictly-Orthodox Jewish community in the UK: A retrospective cohort study. Lancet Regional Health - Europe, The, 2021, 6, 100127. | 3.0 | 21 |

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|---|---|---|---|
| 73 | Strategies to reduce the risk of SARS-CoV-2 importation from international travellers: modelling estimations for the United Kingdom, July 2020. Eurosurveillance, 2021, 26, . | 3.9 | 20 |
| 74 | Models of COVID-19 vaccine prioritisation: a systematic literature search and narrative review. BMC Medicine, 2021, 19, 318. | 2.3 | 20 |
| 75 | The importance of local context in COVID-19 models. Nature Computational Science, 2021, 1, 6-8. | 3.8 | 19 |
| 76 | Socioeconomic bias in influenza surveillance. PLoS Computational Biology, 2020, 16, e1007941. | 1.5 | 18 |
| 77 | Identifying Care Home Residents in Electronic Health Records - An OpenSAFELY Short Data Report. Wellcome Open Research, 2021, 6, 90. | 0.9 | 18 |
| 78 | How immunity from and interaction with seasonal coronaviruses can shape SARS-CoV-2 epidemiology. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 18 |
| 79 | OpenSAFELY: impact of national guidance on switching anticoagulant therapy during COVID-19 pandemic. Open Heart, 2021, 8, e001784. | 0.9 | 17 |
| 80 | CpG-creating mutations are costly in many human viruses. Evolutionary Ecology, 2020, 34, 339-359. | 0.5 | 14 |
| 81 | Competition between RSV and influenza: Limits of modelling inference from surveillance data. Epidemics, 2021, 35, 100460. | 1.5 | 14 |
| 82 | Control of Ebola virus disease outbreaks: Comparison of health care worker-targeted and community vaccination strategies. Epidemics, 2019, 27, 106-114. | 1.5 | 13 |
| 83 | Exploring equity in health and poverty impacts of control measures for SARS-CoV-2 in six countries. BMJ Global Health, 2021, 6, e005521. | 2.0 | 13 |
| 84 | Pneumococcal conjugate vaccine use during humanitarian crises. Vaccine, 2019, 37, 6787-6792. | 1.7 | 12 |
| 85 | Real-time monitoring of COVID-19 dynamics using automated trend fitting and anomaly detection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200266. | 1.8 | 12 |
| 86 | Ethnic disparities in COVID-19: increased risk of infection or severe disease? â€" Authors' reply. Lancet, The, 2021, 398, 390. | 6.3 | 12 |
| 87 | The COVID-19 response illustrates that traditional academic reward structures and metrics do not reflect crucial contributions to modern science. PLoS Biology, 2020, 18, e3000913. | 2.6 | 12 |
| 88 | An online decision tree for vaccine efficacy trial design during infectious disease epidemics: The InterVax-Tool. Vaccine, 2019, 37, 4376-4381. | 1.7 | 11 |
| 89 | Determinants of Transmission Risk During the Late Stage of the West African Ebola Epidemic. American Journal of Epidemiology, 2019, 188, 1319-1327. | 1.6 | 11 |
| 90 | Seasonal influenza vaccination in Kenya: an economic evaluation using dynamic transmission modelling. BMC Medicine, 2020, 18, 223. | 2.3 | 11 |

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| 91 | Health care worker vaccination against Ebola: Vaccine acceptance and employment duration in Sierra Leone. Vaccine, 2019, 37, 1101-1108. | 1.7 | 10 |
| 92 | SARS-CoV-2 infection risk during delivery of childhood vaccination campaigns: a modelling study. BMC Medicine, 2021, 19, 198. | 2.3 | 8 |
| 93 | Association between warfarin and COVID-19-related outcomes compared with direct oral anticoagulants: population-based cohort study. Journal of Hematology and Oncology, 2021, 14, 172. | 6.9 | 8 |
| 94 | Using high-resolution contact networks to evaluate SARS-CoV-2 transmission and control in large-scale multi-day events. Nature Communications, 2022, 13, 1956. | 5.8 | 8 |
| 95 | Localising vaccination services: Qualitative insights on public health and minority group collaborations to co-deliver coronavirus vaccines. Vaccine, 2022, 40, 2226-2232. | 1.7 | 7 |
| 96 | Potentially inappropriate prescribing of DOACs to people with mechanical heart valves: A federated analysis of 57.9 million patients' primary care records in situ using OpenSAFELY. Thrombosis Research, 2022, 211, 150-153. | 0.8 | 6 |
| 97 | Expected Duration of Adverse Pregnancy Outcomes after Zika Epidemic. Emerging Infectious Diseases, 2018, 24, 127-130. | 2.0 | 5 |
| 98 | On the fallibility of simulation models in informing pandemic responses – Authors' reply. The Lancet Global Health, 2020, 8, e778-e779. | 2.9 | 4 |
| 99 | Integrating economic and health evidence to inform Covid-19 policy in low- and middle- income countries. Wellcome Open Research, 0, 5, 272. | 0.9 | 4 |
| 100 | The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. BMC Public Health, 2022, 22, 1003. | 1.2 | 4 |
| 101 | Evidence for influenza and RSV interaction from 10 years of enhanced surveillance in Nha Trang, Vietnam, a modelling study. PLoS Computational Biology, 2022, 18, e1010234. | 1.5 | 4 |
| 102 | Seroprevalence of SARS-Cov-2 Antibodies in Adults, Arkhangelsk, Russia. Emerging Infectious Diseases, 2022, 28, 463-465. | 2.0 | 3 |
| 103 | Association between oral anticoagulants and COVID-19-related outcomes: a population-based cohort study. British Journal of General Practice, 2022, 72, e456-e463. | 0.7 | 3 |
| 104 | The Impact of Cocirculating Pathogens on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)/Coronavirus Disease 2019 Surveillance: How Concurrent Epidemics May Introduce Bias and Decrease the Observed SARS-CoV-2 Percentage Positivity. Journal of Infectious Diseases, 2022, 225, 199-207. | 1.9 | 2 |
| 105 | Comparison of methods for predicting COVID-19-related death in the general population using the OpenSAFELY platform. Diagnostic and Prognostic Research, 2022, 6, 6. | 0.8 | 2 |
| 106 | Reproducible disease phenotyping at scale: Example of coronary artery disease in UK Biobank. PLoS ONE, 2022, 17, e0264828. | 1.1 | 2 |
| 107 | Feasibility of controlling COVID-19 – Authors' reply. The Lancet Global Health, 2020, 8, e775. | 2.9 | 1 |
| 108 | Potential test-negative design study bias in outbreak settings: application to Ebola vaccination in Democratic Republic of Congo. International Journal of Epidemiology, 2022, 51, 265-278. | 0.9 | 1 |

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| 109 | Invisible spread of SARS-CoV-2 â€" Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 1012. | 4.6 | 0 |