

# Rosalind M Eggo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143  
papers

12,151  
citations

42  
h-index

110  
g-index

177  
ext. papers

17,232  
ext. citations

11.6  
avg, IF

6.9  
L-index

#	Paper	IF	Citations
143	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.. <i>PLoS Medicine</i> , <b>2022</b> , 19, e1003871	11.6	6
142	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.. <i>Thrombosis Research</i> , <b>2022</b> , 211, 150-153	8.2	0
141	Seroprevalence of SARS-Cov-2 Antibodies in Adults, Arkhangelsk, Russia.. <i>Emerging Infectious Diseases</i> , <b>2022</b> , 28, 463-465	10.2	1
140	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.. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 14, 100295		4
139	Comparison of methods for predicting COVID-19-related death in the general population using the OpenSAFELY platform.. <i>Diagnostic and Prognostic Research</i> , <b>2022</b> , 6, 6	5.5	
138	Reproducible disease phenotyping at scale: Example of coronary artery disease in UK Biobank.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264828	3.7	0
137	Using high-resolution contact networks to evaluate SARS-CoV-2 transmission and control in large-scale multi-day events.. <i>Nature Communications</i> , <b>2022</b> , 13, 1956	17.4	1
136	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model.. <i>BMC Public Health</i> , <b>2022</b> , 22, 1003	4.1	2
135	OpenSAFELY NHS Service Restoration Observatory 1: primary care clinical activity in England during the first wave of COVID-19. <i>British Journal of General Practice</i> , <b>2021</b> ,	1.6	2
134	Trends and clinical characteristics of 57.9 million COVID-19 vaccine recipients: a federated analysis of patients' primary care records using OpenSAFELY. <i>British Journal of General Practice</i> , <b>2021</b> ,	1.6	10
133	OpenSAFELY: impact of national guidance on switching anticoagulant therapy during COVID-19 pandemic. <i>Open Heart</i> , <b>2021</b> , 8,	3	5
132	Vaccine Confidence and Hesitancy at the Start of COVID-19 Vaccine Deployment in the UK: An Embedded Mixed-Methods Study. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 745630	6	3
131	Models of COVID-19 vaccine prioritisation: a systematic literature search and narrative review. <i>BMC Medicine</i> , <b>2021</b> , 19, 318	11.4	3
130	Association between warfarin and COVID-19-related outcomes compared with direct oral anticoagulants: population-based cohort study. <i>Journal of Hematology and Oncology</i> , <b>2021</b> , 14, 172	22.4	2
129	COVID-19 vaccination in Sindh Province, Pakistan: A modelling study of health impact and cost-effectiveness. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003815	11.6	4
128	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. <i>Nature Communications</i> , <b>2021</b> , 12, 5968	17.4	12
127	Association between living with children and outcomes from covid-19: OpenSAFELY cohort study of 12 million adults in England. <i>BMJ, The</i> , <b>2021</b> , 372, n628	5.9	22

126	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. <i>Lancet Public Health, The</i> , <b>2021</b> , 6, e175-e183	22.4	69
125	Case fatality risk of the SARS-CoV-2 variant of concern B.1.1.7 in England, 16 November to 5 February. <i>Eurosurveillance</i> , <b>2021</b> , 26,	19.8	93
124	Identifying Care Home Residents in Electronic Health Records - An OpenSAFELY Short Data Report. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 90	4.8	6
123	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. <i>Science</i> , <b>2021</b> , 372,	33.3	1121
122	Real-time monitoring of COVID-19 dynamics using automated trend fitting and anomaly detection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200266	5.8	8
121	Exploring equity in health and poverty impacts of control measures for SARS-CoV-2 in six countries. <i>BMJ Global Health</i> , <b>2021</b> , 6,	6.6	3
120	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. <i>Lancet, The</i> , <b>2021</b> , 397, 1711-1724	40	103
119	Competition between RSV and influenza: Limits of modelling inference from surveillance data. <i>Epidemics</i> , <b>2021</b> , 35, 100460	5.1	0
118	Clinical coding of long COVID in English primary care: a federated analysis of 58 million patient records using OpenSAFELY. <i>British Journal of General Practice</i> , <b>2021</b> , 71, e806-e814	1.6	11
117	Ethnic disparities in COVID-19: increased risk of infection or severe disease? - Authors' reply. <i>Lancet, The</i> , <b>2021</b> , 398, 390	40	0
116	Risks of covid-19 hospital admission and death for people with learning disability: population based cohort study using the OpenSAFELY platform. <i>BMJ, The</i> , <b>2021</b> , 374, n1592	5.9	16
115	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. <i>Lancet Regional Health - Europe, The</i> , <b>2021</b> , 6, 100109		36
114	Detecting behavioural changes in human movement to inform the spatial scale of interventions against COVID-19. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009162	5	6
113	Susceptibility to SARS-CoV-2 Infection Among Children and Adolescents Compared With Adults: A Systematic Review and Meta-analysis. <i>JAMA Pediatrics</i> , <b>2021</b> , 175, 143-156	8.3	383
112	Use of non-steroidal anti-inflammatory drugs and risk of death from COVID-19: an OpenSAFELY cohort analysis based on two cohorts. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 943-951	2.4	31
111	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. <i>Lancet HIV,the</i> , <b>2021</b> , 8, e24-e32	7.8	132
110	Trust and transparency in times of crisis: Results from an online survey during the first wave (April 2020) of the COVID-19 epidemic in the UK. <i>PLoS ONE</i> , <b>2021</b> , 16, e0239247	3.7	29
109	UK prevalence of underlying conditions which increase the risk of severe COVID-19 disease: a point prevalence study using electronic health records. <i>BMC Public Health</i> , <b>2021</b> , 21, 484	4.1	6

108	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. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 962-974	25.5	57
107	Projecting contact matrices in 177 geographical regions: An update and comparison with empirical data for the COVID-19 era. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009098	5	28
106	SARS-CoV-2 seroprevalence in a strictly-Orthodox Jewish community in the UK: A retrospective cohort study. <i>Lancet Regional Health - Europe, The</i> , <b>2021</b> , 6, 100127		8
105	SARS-CoV-2 infection risk during delivery of childhood vaccination campaigns: a modelling study. <i>BMC Medicine</i> , <b>2021</b> , 19, 198	11.4	2
104	Estimating the impact of reopening schools on the reproduction number of SARS-CoV-2 in England, using weekly contact survey data. <i>BMC Medicine</i> , <b>2021</b> , 19, 233	11.4	7
103	Severity of SARS-CoV-2 alpha variant (B.1.1.7) in England. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	13
102	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. <i>Nature Communications</i> , <b>2021</b> , 12, 5412	17.4	2
101	Strategies to reduce the risk of SARS-CoV-2 importation from international travellers: modelling estimations for the United Kingdom, July 2020. <i>Eurosurveillance</i> , <b>2021</b> , 26,	19.8	8
100	Urgent actions and policies needed to address COVID-19 among UK ethnic minorities. <i>Lancet, The</i> , <b>2020</b> , 396, 1866-1868	40	11
99	Modelling COVID-19. <i>Nature Reviews Physics</i> , <b>2020</b> , 1-3	23.6	91
98	Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1151-1160	25.5	416
97	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. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1003-e1017	13.6	444
96	Age-dependent effects in the transmission and control of COVID-19 epidemics. <i>Nature Medicine</i> , <b>2020</b> , 26, 1205-1211	50.5	819
95	CpG-creating mutations are costly in many human viruses. <i>Evolutionary Ecology</i> , <b>2020</b> , 34, 339-359	1.8	10
94	Effectiveness of interventions targeting air travellers for delaying local outbreaks of SARS-CoV-2. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	24
93	Early dynamics of transmission and control of COVID-19: a mathematical modelling study. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 553-558	25.5	1372
92	The effect of control strategies to reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China: a modelling study. <i>Lancet Public Health, The</i> , <b>2020</b> , 5, e261-e270	22.4	1139
91	Feasibility of controlling COVID-19 - Authors' reply. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e775	13.6	1

90	On the fallibility of simulation models in informing pandemic responses - Authors' reply. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e778-e779	13.6	3
89	Socioeconomic bias in influenza surveillance. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1007941	5	12
88	Secondary attack rate and superspreading events for SARS-CoV-2. <i>Lancet, The</i> , <b>2020</b> , 395, e47	40	239
87	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e488-e496	13.6	1460
86	Invisible spread of SARS-CoV-2 - Authors' reply. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 1012	25.5	
85	Inferring the number of COVID-19 cases from recently reported deaths. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 78	4.8	25
84	The COVID-19 response illustrates that traditional academic reward structures and metrics do not reflect crucial contributions to modern science. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000913	9.7	8
83	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. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	277
82	Effectiveness of airport screening at detecting travellers infected with novel coronavirus (2019-nCoV). <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	189
81	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. <i>ELife</i> , <b>2020</b> , 9,	8.9	43
80	Inferring the number of COVID-19 cases from recently reported deaths <b>2020</b> ,		5
79	The impact of COVID-19 control measures on social contacts and transmission in Kenyan informal settlements. <i>BMC Medicine</i> , <b>2020</b> , 18, 316	11.4	38
78	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. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 575091	6	60
77	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. <i>BMC Medicine</i> , <b>2020</b> , 18, 324	11.4	36
76	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. <i>BMC Medicine</i> , <b>2020</b> , 18, 332	11.4	80
75	Changing travel patterns in China during the early stages of the COVID-19 pandemic. <i>Nature Communications</i> , <b>2020</b> , 11, 5012	17.4	31
74	Using a real-world network to model localized COVID-19 control strategies. <i>Nature Medicine</i> , <b>2020</b> , 26, 1616-1622	50.5	97
73	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. <i>The Lancet Global Health</i> , <b>2020</b> , 8, e1264-e1272	13.6	154

72	Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. <i>Lancet Public Health, The</i> , <b>2020</b> , 5, e375-e385	22.4	453
71	Key questions for modelling COVID-19 exit strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20201405	4.4	65
70	Seasonal influenza vaccination in Kenya: an economic evaluation using dynamic transmission modelling. <i>BMC Medicine</i> , <b>2020</b> , 18, 223	11.4	1
69	The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. <i>BMC Medicine</i> , <b>2020</b> , 18, 259	11.4	15
68	Pneumococcal conjugate vaccine use during humanitarian crises. <i>Vaccine</i> , <b>2019</b> , 37, 6787-6792	4.1	2
67	Health care worker vaccination against Ebola: Vaccine acceptance and employment duration in Sierra Leone. <i>Vaccine</i> , <b>2019</b> , 37, 1101-1108	4.1	7
66	Outbreak analytics: a developing data science for informing the response to emerging pathogens. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180276	5.8	76
65	Control of Ebola virus disease outbreaks: Comparison of health care worker-targeted and community vaccination strategies. <i>Epidemics</i> , <b>2019</b> , 27, 106-114	5.1	6
64	Determinants of Transmission Risk During the Late Stage of the West African Ebola Epidemic. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1319-1327	3.8	4
63	An online decision tree for vaccine efficacy trial design during infectious disease epidemics: The InterVax-Tool. <i>Vaccine</i> , <b>2019</b> , 37, 4376-4381	4.1	6
62	Assessing the performance of real-time epidemic forecasts: A case study of Ebola in the Western Area region of Sierra Leone, 2014-15. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006785	5	41
61	Effect of HPV vaccination and cervical cancer screening in England by ethnicity: a modelling study. <i>Lancet Public Health, The</i> , <b>2018</b> , 3, e44-e51	22.4	19
60	Real-time forecasting of infectious disease dynamics with a stochastic semi-mechanistic model. <i>Epidemics</i> , <b>2018</b> , 22, 56-61	5.1	68
59	Influenza interaction with cocirculating pathogens and its impact on surveillance, pathogenesis, and epidemic profile: A key role for mathematical modelling. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006770	7.6	45
58	Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis. <i>BMC Medicine</i> , <b>2018</b> , 16, 180	11.4	35
57	Expected Duration of Adverse Pregnancy Outcomes after Zika Epidemic. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24,	10.2	3
56	Cholera epidemic in Yemen, 2016-18: an analysis of surveillance data. <i>The Lancet Global Health</i> , <b>2018</b> , 6, e680-e690	13.6	135
55	Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e80-e88	13.6	75

54	The impact of control strategies and behavioural changes on the elimination of Ebola from Lofa County, Liberia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 372,	5.8	58
53	Respiratory virus transmission dynamics determine timing of asthma exacerbation peaks: Evidence from a population-level model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2194-9	11.5	35
52	Effectiveness of Ring Vaccination as Control Strategy for Ebola Virus Disease. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 105-8	10.2	55
51	Transmission Dynamics of Zika Virus in Island Populations: A Modelling Analysis of the 2013-14 French Polynesia Outbreak. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004726	4.8	184
50	Comparative Analysis of Dengue and Zika Outbreaks Reveals Differences by Setting and Virus. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005173	4.8	56
49	Estimating the probability of demonstrating vaccine efficacy in the declining Ebola epidemic: a Bayesian modelling approach. <i>BMJ Open</i> , <b>2015</b> , 5, e009346	3	15
48	Epidemic Wave Dynamics Attributable to Urban Community Structure: A Theoretical Characterization of Disease Transmission in a Large Network. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e169	7.6	15
47	Duration of Ebola virus RNA persistence in semen of survivors: population-level estimates and projections. <i>Eurosurveillance</i> , <b>2015</b> , 20, 30083	19.8	22
46	Spatial dynamics of the 1918 influenza pandemic in England, Wales and the United States. <i>Journal of the Royal Society Interface</i> , <b>2011</b> , 8, 233-43	4.1	64
45	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , <b>5</b> , 112	4.8	98
44	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. <i>Wellcome Open Research</i> , <b>5</b> , 112	4.8	58
43	Integrating economic and health evidence to inform Covid-19 policy in low- and middle- income countries. <i>Wellcome Open Research</i> , <b>5</b> , 272	4.8	4
42	Comparative effectiveness of ChAdOx1 versus BNT162b2 COVID-19 vaccines in Health and Social Care workers in England: a cohort study using OpenSAFELY		2
41	Projecting the end of the Zika virus epidemic in Latin America: a modelling analysis		1
40	Transmission dynamics of Zika virus in island populations: a modelling analysis of the 2013-14 French Polynesia outbreak		15
39	Comparative analysis of dengue and Zika outbreaks reveals differences by setting and virus		9
38	Effect of vaccinating health care workers to control Ebola virus disease: a modelling analysis of outbreak data		2
37	Assessing the performance of real-time epidemic forecasts: A case study of Ebola in the Western Area Region of Sierra Leone, 2014-15		3

36	Effectiveness of airport screening at detecting travellers infected with 2019-nCoV	7
35	Early dynamics of transmission and control of COVID-19: a mathematical modelling study	248
34	Feasibility of controlling 2019-nCoV outbreaks by isolation of cases and contacts	89
33	Effectiveness of interventions targeting air travellers for delaying local outbreaks of SARS-CoV-2	11
32	The effect of control strategies that reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China	151
31	Age-dependent effects in the transmission and control of COVID-19 epidemics	112
30	The effect of non-pharmaceutical interventions on COVID-19 cases, deaths and demand for hospital services in the UK: a modelling study	78
29	□The Effect of Inter-City Travel Restrictions on Geographical Spread of COVID-19: Evidence from Wuhan, China□	12
28	How many are at increased risk of severe COVID-19 disease? Rapid global, regional and national estimates for 2020	25
27	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study	14
26	The impact of Coronavirus disease 2019 (COVID-19) on health systems and household resources in Africa and South Asia	11
25	The contribution of asymptomatic SARS-CoV-2 infections to transmission - a model-based analysis of the Diamond Princess outbreak	14
24	Behavioural 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	11
23	Changing travel patterns in China during the early stages of the COVID-19 pandemic	3
22	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections	13
21	Projecting contact matrices in 177 geographical regions: an update and comparison with empirical data for the COVID-19 era	20
20	Strategies to reduce the risk of SARS-CoV-2 re-introduction from international travellers	27
19	UK prevalence of underlying conditions which increase the risk of severe COVID-19 disease: a point prevalence study using electronic health records	1



18	Optimising social mixing strategies to mitigate the impact of COVID-19 in six European countries: a mathematical modelling study	4
17	Trust and Transparency in times of Crisis: Results from an Online Survey During the First Wave (April 2020) of the COVID-19 Epidemic in the UK	3
16	Real-time monitoring of COVID-19 dynamics using automated trend fitting and anomaly detection	1
15	Ethnic differences in COVID-19 infection, hospitalisation, and mortality: an OpenSAFELY analysis of 17 million adults in England	14
14	Detecting behavioural changes in human movement to inform the spatial scale of interventions against COVID-19	4
13	Association between living with children and outcomes from COVID-19: an OpenSAFELY cohort study of 12 million adults in England	8
12	OpenSAFELY: impact of national guidance on switching from warfarin to direct oral anticoagulants (DOACs) in early phase of COVID-19 pandemic in England	3
11	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England	120
10	Guiding Vaccine Efficacy Trial Design During Public Health Emergencies: An interactive web-based decision support tool	1
9	OpenSAFELY: Risks of COVID-19 hospital admission and death for people with learning disabilities - a cohort study	1
8	Case fatality risk of the SARS-CoV-2 variant of concern B.1.1.7 in England	4
7	Trends and clinical characteristics of COVID-19 vaccine recipients: a federated analysis of 57.9 million patients' primary care records in situ using OpenSAFELY	20
6	Rates of serious clinical outcomes in survivors of hospitalisation with COVID-19: a descriptive cohort study within the OpenSAFELY platform	3
5	COVID-19 vaccination in Sindh Province, Pakistan: a modelling study of health impact and cost-effectiveness	1
4	Extremely high SARS-CoV-2 seroprevalence in a strictly-Orthodox Jewish community in the UK	6
3	Changes in the rate of cardiometabolic and pulmonary events during the COVID-19 pandemic	2
2	Predicting COVID-19 related death using the OpenSAFELY platform	1
1	Risk of severe COVID-19 outcomes associated with immune-mediated inflammatory diseases and immune modifying therapies: a nationwide cohort study in the OpenSAFELY platform	2

