Carl A B Pearson

List of Publications by Year
in descending order

43 papers	8,074 citations	304743 22 h-index	289244 40 g-index
70 all docs	70 docs citations	70 times ranked	15588 citing authors

#	Article	IF	Citations
1	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.	1.9	1
2	Optimising health and economic impacts of COVID-19 vaccine prioritisation strategies in the WHO European Region: a mathematical modelling study. Lancet Regional Health - Europe, The, 2022, 12, 100267.	5.6	24
3	Comparative assessment of methods for short-term forecasts of COVID-19 hospital admissions in England at the local level. BMC Medicine, 2022, 20, 86.	5.5	12
4	Dosing interval strategies for two-dose COVID-19 vaccination in 13 middle-income countries of Europe: Health impact modelling and benefit-risk analysis. Lancet Regional Health - Europe, The, 2022, 17, 100381.	5.6	15
5	Effect of Population Partitioning on the Probability of Silent Circulation of Poliovirus. Bulletin of Mathematical Biology, 2022, 84, 62.	1.9	0
6	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. BMC Public Health, 2022, 22, 1003.	2.9	4
7	The contribution of hospital-acquired infections to the COVID-19 epidemic in England in the first half of 2020. BMC Infectious Diseases, 2022, 22, .	2.9	22
8	Implications of the school-household network structure on SARS-CoV-2 transmission under school reopening strategies in England. Nature Communications, 2021, 12, 1942.	12.8	24
9	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. Lancet Public Health, The, 2021, 6, e175-e183.	10.0	156
10	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. Science, 2021, 372, .	12.6	2,103
11	Detecting behavioural changes in human movement to inform the spatial scale of interventions against COVID-19. PLoS Computational Biology, 2021, 17, e1009162.	3.2	22
12	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.	9.1	117
13	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.	5.5	24
14	Strategies to reduce the risk of SARS-CoV-2 importation from international travellers: modelling estimations for the United Kingdom, July 2020. Eurosurveillance, 2021, 26, .	7.0	20
15	COVID-19 vaccination in Sindh Province, Pakistan: A modelling study of health impact and cost-effectiveness. PLoS Medicine, 2021, 18, e1003815.	8.4	33
16	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. Nature Communications, 2021, 12, 5968.	12.8	66
17	Stark choices: exploring health sector costs of policy responses to COVID-19 in low-income and middle-income countries. BMJ Global Health, 2021, 6, e005759.	4.7	21
18	The impact of COVID-19 control measures on social contacts and transmission in Kenyan informal settlements. BMC Medicine, 2020, 18, 316.	5.5	88

#	ARTICLE	IF	CITATIONS
19	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. BMC Medicine, 2020, 18, 324.	5.5	66
20	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. BMC Medicine, 2020, 18, 332.	5.5	129
21	Changing travel patterns in China during the early stages of the COVID-19 pandemic. Nature Communications, 2020, 11, 5012.	12.8	86
22	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.	10.0	730
23	Key questions for modelling COVID-19 exit strategies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201405.	2.6	106
24	COVID-19 length of hospital stay: a systematic review and data synthesis. BMC Medicine, 2020, 18, 270.	5.5	430
25	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.	5.5	28
26	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.	6.3	760
27	Effectiveness of interventions targeting air travellers for delaying local outbreaks of SARS-CoV-2. Journal of Travel Medicine, 2020, 27, .	3.0	39
28	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.	10.0	1,600
29	Designing effective control of dengue with combined interventions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3319-3325.	7.1	29
30	Inferring the number of COVID-19 cases from recently reported deaths. Wellcome Open Research, 2020, 5, 78.	1.8	31
31	Projected early spread of COVID-19 in Africa through 1 June 2020. Eurosurveillance, 2020, 25, .	7.0	41
32	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. ELife, 2020, 9, .	6.0	70
33	Evaluating the probability of silent circulation of polio in small populations using the silent circulation statistic. Infectious Disease Modelling, 2019, 4, 239-250.	1.9	2
34	Serostatus testing and dengue vaccine cost–benefit thresholds. Journal of the Royal Society Interface, 2019, 16, 20190234.	3.4	12
35	Forecasting the effectiveness of indoor residual spraying for reducing dengue burden. PLoS Neglected Tropical Diseases, 2018, 12, e0006570.	3.0	44
36	The Long-Term Safety, Public Health Impact, and Cost-Effectiveness of Routine Vaccination with a Recombinant, Live-Attenuated Dengue Vaccine (Dengvaxia): A Model Comparison Study. PLoS Medicine, 2016, 13, e1002181.	8.4	178

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37	Projected Impact of Dengue Vaccination in YucatÃ¡n, Mexico. PLoS Neglected Tropical Diseases, 2016, 10, e0004661.	3.0	44
38	Statistical power and validity of Ebola vaccine trials in Sierra Leone: a simulation study of trial design and analysis. Lancet Infectious Diseases, The, 2015, 15, 703-710.	9.1	64
39	Network Class Superposition Analyses. PLoS ONE, 2013, 8, e59046.	2.5	3
40	Process-Driven Inference of Biological Network Structure: Feasibility, Minimality, and Multiplicity. PLoS ONE, 2012, 7, e40330.	2.5	8
41	Pre-vaccination testing could expand coverage of two-dose COVID vaccines. Wellcome Open Research, 0, 6, 105.	1.8	3
42	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. Wellcome Open Research, 0, 5, 112.	1.8	176
43	Estimating the time-varying reproduction number of SARS-CoV-2 using national and subnational case counts. Wellcome Open Research, 0, 5, 112.	1.8	117