Sam Abbott

List of Publications by Year
in descending order

50	14,496	186254	233409
papers	citations	28 h-index	45 g-index

83	83	83	20786
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Commentary on the use of the reproduction number R during the COVID-19 pandemic. Statistical Methods in Medical Research, 2022, 31, 1675-1685.	1.5	18
2	Unexposed populations and potential COVID-19 hospitalisations and deaths in European countries as per data up to 21 November 2021. Eurosurveillance, 2022, 27, .	7.0	8
3	Reassessing the evidence for universal school-age BCG vaccination in England and Wales: re-evaluating and updating a modelling study. BMJ Open, 2022, 12, e031573.	1.9	0
4	Tracking the emergence of disparities in the subnational spread of COVID-19 in Brazil using an online application for real-time data visualisation: A longitudinal analysis. The Lancet Regional Health Americas, 2022, 5, 100119.	2.6	7
5	Inference of the SARS-CoV-2 generation time using UK household data. ELife, 2022, 11, .	6.0	40
6	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
7	Measuring the effects of COVID-19-related disruption on dengue transmission in southeast Asia and Latin America: a statistical modelling study. Lancet Infectious Diseases, The, 2022, 22, 657-667.	9.1	68
8	Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study. Lancet, The, 2022, 399, 1303-1312.	13.7	889
9	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119.	7.1	136
10	The local burden of disease during the first wave of the COVID-19 epidemic in England: estimation using different data sources from changing surveillance practices. BMC Public Health, 2022, 22, 716.	2.9	1
11	The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model. BMC Public Health, 2022, 22, 1003.	2.9	4
12	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
13	Analysis of temporal trends in potential COVID-19 cases reported through NHS Pathways England. Scientific Reports, 2021, 11, 7106.	3.3	4
14	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
15	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
16	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. Science, 2021, 372, .	12.6	2,103
17	Exploring surveillance data biases when estimating the reproduction number: with insights into subpopulation transmission of COVID-19 in England. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200283.	4.0	31
18	The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia. Science, 2021, 372, 635-641.	12.6	146

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19	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
20	covidregionaldata: Subnational data for COVID-19 epidemiology. Journal of Open Source Software, 2021, 6, 3290.	4.6	8
21	A pre-registered short-term forecasting study of COVID-19 in Germany and Poland during the second wave. Nature Communications, 2021, 12, 5173.	12.8	47
22	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
23	Contact tracing is an imperfect tool for controlling COVID-19 transmission and relies on population adherence. Nature Communications, 2021, 12, 5412.	12.8	41
24	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
25	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. BMC Medicine, 2020, 18, 324.	5.5	66
26	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. BMC Medicine, 2020, 18, 332.	5.5	129
27	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
28	Invasive versus non-invasive management of older patients with non-ST elevation myocardial infarction (SENIOR-NSTEMI): a cohort study based on routine clinical data. Lancet, The, 2020, 396, 623-634.	13.7	65
29	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
30	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.	9.1	710
31	Early dynamics of transmission and control of COVID-19: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 553-558.	9.1	1,999
32	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
33	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. The Lancet Global Health, 2020, 8, e488-e496.	6.3	2,067
34	The transmissibility of novel Coronavirus in the early stages of the 2019-20 outbreak in Wuhan: Exploring initial point-source exposure sizes and durations using scenario analysis. Wellcome Open Research, 2020, 5, 17.	1.8	68
35	Inferring the number of COVID-19 cases from recently reported deaths. Wellcome Open Research, 2020, 5, 78.	1.8	31
36	Adoption and impact of non-pharmaceutical interventions for COVID-19. Wellcome Open Research, 2020, 5, 59.	1.8	106

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37	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. Wellcome Open Research, 2020, 5, 67.	1.8	265
38	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. Wellcome Open Research, 2020, 5, 67.	1.8	539
39	Practical considerations for measuring the effective reproductive number, Rt. PLoS Computational Biology, 2020, 16, e1008409.	3.2	343
40	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, .	7.0	389
41	Estimating number of cases and spread of coronavirus disease (COVID-19) using critical care admissions, United Kingdom, February to March 2020. Eurosurveillance, 2020, 25, .	7.0	34
42	The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship. ELife, 2020, 9, .	6.0	70
43	Early analysis of the Australian COVID-19 epidemic. ELife, 2020, 9, .	6.0	66
44	Exploring the effects of BCG vaccination in patients diagnosed with tuberculosis: Observational study using the Enhanced Tuberculosis Surveillance system. Vaccine, 2019, 37, 5067-5072.	3.8	5
45	Estimating the effect of the 2005 change in BCG policy in England: a retrospective cohort study, 2000 to 2015. Eurosurveillance, 2019, 24, .	7.0	4
46	getTBinR: an R package for accessing and summarising the World Health Organisation Tuberculosis data. Journal of Open Source Software, 2019, 4, 1260.	4.6	0
47	Incarceration history and risk of HIV and hepatitis C virus acquisition among people who inject drugs: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2018, 18, 1397-1409.	9.1	147
48	Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China. Wellcome Open Research, 0, 5, 67.	1.8	30
49	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
50	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