

Sophie R Meakin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5451504/publications.pdf>

Version: 2024-02-01

15
papers

1,176
citations

1040056

9
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical considerations for measuring the effective reproductive number, Rt. PLoS Computational Biology, 2020, 16, e1008409.	3.2	343
2	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
3	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
4	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
5	Response strategies for COVID-19 epidemics in African settings: a mathematical modelling study. BMC Medicine, 2020, 18, 324.	5.5	66
6	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
7	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
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	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
10	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
11	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.	4.0	12
12	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
13	How to improve outbreak response: a case study of integrated outbreak analytics from Ebola in Eastern Democratic Republic of the Congo. BMJ Global Health, 2021, 6, e006736.	4.7	7
14	Correlations between stochastic epidemics in two interacting populations. Epidemics, 2019, 26, 58-67.	3.0	6
15	Correlations between stochastic endemic infection in multiple interacting subpopulations. Journal of Theoretical Biology, 2019, 483, 109991.	1.7	2