Trystan Leng

List of Publications by Year
in descending order

10 papers	278 citations	1163117 8 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	457 citing authors

#	ARTICLE	IF	CITATIONS
1	Predictions of COVID-19 dynamics in the UK: Short-term forecasting and analysis of potential exit strategies. PLoS Computational Biology, 2021, 17, e1008619.	3.2	87
2	The effectiveness of social bubbles as part of a Covid-19 lockdown exit strategy, a modelling study. Wellcome Open Research, 2020, 5, 213.	1.8	35
3	The effectiveness of social bubbles as part of a Covid-19 lockdown exit strategy, a modelling study. Wellcome Open Research, 2020, 5, 213.	1.8	33
4	Quantifying pupil-to-pupil SARS-CoV-2 transmission and the impact of lateral flow testing in English secondary schools. Nature Communications, 2022, 13, 1106.	12.8	24
5	An analysis of school absences in England during the COVID-19 pandemic. BMC Medicine, 2021, 19, 137.	5.5	17
6	Concurrency of partnerships, consistency with data, and control of sexually transmitted infections. Epidemics, 2018, 25, 35-46.	3.0	11
7	Spike patterning in oxytocin neurons: Capturing physiological behaviour with Hodgkin-Huxley and integrate-and-fire models. PLoS ONE, 2017, 12, e0180368.	2.5	11
8	Assessing the impact of lateral flow testing strategies on within-school SARS-CoV-2 transmission and absences: A modelling study. PLoS Computational Biology, 2022, 18, e1010158.	3.2	11
9	The effect of notification window length on the epidemiological impact of COVID-19 contact tracing mobile applications. Communications Medicine, 2022, 2, .	4.2	3
10	Improving pairwise approximations for network models with susceptible-infected-susceptible dynamics. Journal of Theoretical Biology, 2020, 500, 110328.	1.7	1