

Trystan Leng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1587119/publications.pdf>

Version: 2024-02-01

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