

Kaiyuan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

5,177
citations

566801

15
h-index

752256

20
g-index

29
all docs

29
docs citations

29
times ranked

8607
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020â€“21. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 821-834.	4.6	74
2	Modeling transmission of SARS-CoV-2 Omicron in China. <i>Nature Medicine</i> , 2022, 28, 1468-1475.	15.2	177
3	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicronâ€™s impact in South African population cohorts. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	36
4	Case Fatality Risk of the First Pandemic Wave of Coronavirus Disease 2019 (COVID-19) in China. <i>Clinical Infectious Diseases</i> , 2021, 73, e79-e85.	2.9	50
5	Transmission heterogeneities, kinetics, and controllability of SARS-CoV-2. <i>Science</i> , 2021, 371, .	6.0	341
6	CT and clinical assessment in asymptomatic and pre-symptomatic patients with early SARS-CoV-2 in outbreak settings. <i>European Radiology</i> , 2021, 31, 3165-3176.	2.3	13
7	Infectivity, susceptibility, and risk factors associated with SARS-CoV-2 transmission under intensive contact tracing in Hunan, China. <i>Nature Communications</i> , 2021, 12, 1533.	5.8	117
8	Forward-looking serial intervals correctly link epidemic growth to reproduction numbers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	54
9	Cryptic transmission of SARS-CoV-2 and the first COVID-19 wave. <i>Nature</i> , 2021, 600, 127-132.	13.7	61
10	Potential Role of Social Distancing in Mitigating Spread of Coronavirus Disease, South Korea. <i>Emerging Infectious Diseases</i> , 2020, 26, 2697-2700.	2.0	42
11	Beyond clinical trials: Evolutionary and epidemiological considerations for development of a universal influenza vaccine. <i>PLoS Pathogens</i> , 2020, 16, e1008583.	2.1	22
12	The effect of travel restrictions on the spread of the 2019 novel coronavirus (COVID-19) outbreak. <i>Science</i> , 2020, 368, 395-400.	6.0	2,784
13	Early epidemiological analysis of the coronavirus disease 2019 outbreak based on crowdsourced data: a population-level observational study. <i>The Lancet Digital Health</i> , 2020, 2, e201-e208.	5.9	406
14	Impact of contact tracing on SARS-CoV-2 transmission. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 876-877.	4.6	50
15	Targeted early chest CT in COVID-19 outbreaks as diagnostic tool for containment of the pandemicâ€“A multinational opinion. <i>Diagnostic and Interventional Radiology</i> , 2020, 26, 292-295.	0.7	8
16	Evolving epidemiology and transmission dynamics of coronavirus disease 2019 outside Hubei province, China: a descriptive and modelling study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 793-802.	4.6	541
17	Spread of Zika virus in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4334-E4343.	3.3	249