

# Kaiyuan Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3235345/publications.pdf>

Version: 2024-02-01

17  
papers

5,177  
citations

567281

15  
h-index

752698

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

8607  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of travel restrictions on the spread of the 2019 novel coronavirus (COVID-19) outbreak. Science, 2020, 368, 395-400.	12.6	2,784
2	Evolving epidemiology and transmission dynamics of coronavirus disease 2019 outside Hubei province, China: a descriptive and modelling study. Lancet Infectious Diseases, The, 2020, 20, 793-802.	9.1	541
3	Early epidemiological analysis of the coronavirus disease 2019 outbreak based on crowdsourced data: a population-level observational study. The Lancet Digital Health, 2020, 2, e201-e208.	12.3	406
4	Transmission heterogeneities, kinetics, and controllability of SARS-CoV-2. Science, 2021, 371, .	12.6	341
5	Spread of Zika virus in the Americas. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4334-E4343.	7.1	249
6	Modeling transmission of SARS-CoV-2 Omicron in China. Nature Medicine, 2022, 28, 1468-1475.	30.7	177
7	Infectivity, susceptibility, and risk factors associated with SARS-CoV-2 transmission under intensive contact tracing in Hunan, China. Nature Communications, 2021, 12, 1533.	12.8	117
8	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. Lancet Infectious Diseases, The, 2022, 22, 821-834.	9.1	74
9	Cryptic transmission of SARS-CoV-2 and the first COVID-19 wave. Nature, 2021, 600, 127-132.	27.8	61
10	Forward-looking serial intervals correctly link epidemic growth to reproduction numbers. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
11	Case Fatality Risk of the First Pandemic Wave of Coronavirus Disease 2019 (COVID-19) in China. Clinical Infectious Diseases, 2021, 73, e79-e85.	5.8	50
12	Impact of contact tracing on SARS-CoV-2 transmission. Lancet Infectious Diseases, The, 2020, 20, 876-877.	9.1	50
13	Potential Role of Social Distancing in Mitigating Spread of Coronavirus Disease, South Korea. Emerging Infectious Diseases, 2020, 26, 2697-2700.	4.3	42
14	SARS-CoV-2 transmission, persistence of immunity, and estimates of Omicronâ€™s impact in South African population cohorts. Science Translational Medicine, 2022, 14, .	12.4	36
15	Beyond clinical trials: Evolutionary and epidemiological considerations for development of a universal influenza vaccine. PLoS Pathogens, 2020, 16, e1008583.	4.7	22
16	CT and clinical assessment in asymptomatic and pre-symptomatic patients with early SARS-CoV-2 in outbreak settings. European Radiology, 2021, 31, 3165-3176.	4.5	13
17	Targeted early chest CT in COVID-19 outbreaks as diagnostic tool for containment of the pandemicâ€“A multinational opinion. Diagnostic and Interventional Radiology, 2020, 26, 292-295.	1.5	8