

Simiao Chen, ScD

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

7,291
citations

471371

17
h-index

233338

45
g-index

54
all docs

54
docs citations

54
times ranked

7921
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2982-3021.	1.2	4,468
2	COVID-19 control in China during mass population movements at New Year. <i>Lancet, The</i> , 2020, 395, 764-766.	6.3	641
3	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 397, 2337-2360.	6.3	609
4	Fangcang shelter hospitals: a novel concept for responding to public health emergencies. <i>Lancet, The</i> , 2020, 395, 1305-1314.	6.3	563
5	The global macroeconomic burden of road injuries: estimates and projections for 166 countries. <i>Lancet Planetary Health, The</i> , 2019, 3, e390-e398.	5.1	148
6	The macroeconomic burden of noncommunicable diseases in the United States: Estimates and projections. <i>PLoS ONE</i> , 2018, 13, e0206702.	1.1	96
7	Lifetime Prevalence of Cervical Cancer Screening in 55 Low- and Middle-Income Countries. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1532.	3.8	86
8	Climate and the spread of COVID-19. <i>Scientific Reports</i> , 2021, 11, 9042.	1.6	86
9	The economic burden of chronic diseases: Estimates and projections for China, Japan, and South Korea. <i>Journal of the Economics of Ageing</i> , 2020, 17, 100163.	0.6	67
10	Impact of community based screening for hypertension on blood pressure after two years: regression discontinuity analysis in a national cohort of older adults in China. <i>BMJ: British Medical Journal</i> , 2019, 366, l4064.	2.4	39
11	Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet Public Health, The</i> , 2021, 6, e482-e499.	4.7	38
12	Buying Time for an Effective Epidemic Response: The Impact of a Public Holiday for Outbreak Control on COVID-19 Epidemic Spread. <i>Engineering</i> , 2020, 6, 1108-1114.	3.2	28
13	The economic burden of COVID-19 in the United States: Estimates and projections under an infection-based herd immunity approach. <i>Journal of the Economics of Ageing</i> , 2021, 20, 100328.	0.6	28
14	The macroeconomic burden of noncommunicable diseases associated with air pollution in China. <i>PLoS ONE</i> , 2019, 14, e0215663.	1.1	26
15	The economic burden of noncommunicable diseases and mental health conditions: results for Costa Rica, Jamaica, and Peru. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2018, 42, 1-8.	0.6	25
16	Curbing the COVID-19 pandemic with facility-based isolation of mild cases: a mathematical modeling study. <i>Journal of Travel Medicine</i> , 2021, 28, .	1.4	24
17	Health Benefits and Costs of Clean Heating Renovation: An Integrated Assessment in a Major Chinese City. <i>Environmental Science & Technology</i> , 2021, 55, 10046-10055.	4.6	22
18	OutbreakFlow: Model-based Bayesian inference of disease outbreak dynamics with invertible neural networks and its application to the COVID-19 pandemics in Germany. <i>PLoS Computational Biology</i> , 2021, 17, e1009472.	1.5	19

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19	Revisiting the association between temperature and COVID-19 transmissibility across 117 countries. ERJ Open Research, 2020, 6, 00550-2020.	1.1	18
20	Noncommunicable Diseases Attributable To Tobacco Use In China: Macroeconomic Burden And Tobacco Control Policies. Health Affairs, 2019, 38, 1832-1839.	2.5	17
21	The Effect Of Home-Based Hypertension Screening On Blood Pressure Change Over Time In South Africa. Health Affairs, 2020, 39, 124-132.	2.5	15
22	Non-Communicable Diseases During the COVID-19 Pandemic and Beyond. Engineering, 2021, 7, 899-902.	3.2	15
23	Duration of SARS-CoV-2 RNA detection in COVID-19 patients in home isolation, Rhineland-Palatinate, Germany, 2020 – an interval-censored survival analysis. Eurosurveillance, 2020, 25, .	3.9	15
24	The interaction between district-level development and individual-level socioeconomic gradients of cardiovascular disease risk factors in India: A cross-sectional study of 2.4 million adults. Social Science and Medicine, 2019, 239, 112514.	1.8	14
25	China's new 4 + 4 medical education programme. Lancet, The, 2019, 394, 1121-1123.	6.3	14
26	The causal effect of retirement on stress in older adults in China: A regression discontinuity study. SSM - Population Health, 2020, 10, 100462.	1.3	14
27	What can we learn from COVID-19 vaccine R&D in China? A discussion from a public policy perspective. Journal of Travel Medicine, 2021, 28, .	1.4	13
28	Variation in the Proportion of Adults in Need of Blood Pressure–Lowering Medications by Hypertension Care Guideline in Low- and Middle-Income Countries. Circulation, 2021, 143, 991-1001.	1.6	13
29	Knowledge About COVID-19 Among Adults in China: Cross-sectional Online Survey. Journal of Medical Internet Research, 2021, 23, e26940.	2.1	13
30	Macro-level efficiency of health expenditure: Estimates for 15 major economies. Social Science and Medicine, 2021, 287, 114270.	1.8	13
31	Effectiveness of a Workplace-Based, Multicomponent Hypertension Management Program in Real-World Practice: A Propensity-Matched Analysis. Hypertension, 2022, 79, 230-240.	1.3	13
32	A stepped-wedge randomized trial and qualitative survey of HIV pre-exposure prophylaxis uptake in the Eswatini population. Science Translational Medicine, 2020, 12, .	5.8	11
33	Healthcare worker attendance during the early stages of the COVID-19 pandemic: A longitudinal analysis of fingerprint-verified data from all public-sector secondary and tertiary care facilities in Bangladesh. Journal of Global Health, 2020, 10, 020509.	1.2	10
34	Factors Predicting Progression to Severe COVID-19: A Competing Risk Survival Analysis of 1753 Patients in Community Isolation in Wuhan, China. Engineering, 2022, 13, 99-106.	3.2	7
35	Animated, video entertainment-education to improve vaccine confidence globally during the COVID-19 pandemic: an online randomized controlled experiment with 24,000 participants. Trials, 2022, 23, 161.	0.7	7
36	Prevalence of depression in China during the early stage of the COVID-19 pandemic: a cross-sectional study in an online survey sample. BMJ Open, 2022, 12, e056667.	0.8	5

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37	Strengthening population medicine to promote public health. Chinese Medical Journal, 2022, 135, 1135-1137.	0.9	5
38	Targeting Hypertension Screening in Low- and Middle-Income Countries: A Cross-Sectional Analysis of 1.2 Million Adults in 56 Countries. Journal of the American Heart Association, 2021, 10, e021063.	1.6	4
39	Hope as a predictor for COVID-19 vaccine uptake in the US: a cross-sectional survey of 11,955 adults. Human Vaccines and Immunotherapeutics, 2022, 18, .	1.4	4
40	The impact of long-term care insurance in China on beneficiaries and caregivers: A systematic review. Journal of Global Health Economics and Policy, 2021, 1, .	1.0	3
41	Nationally representative household survey data for studying the interaction between district-level development and individual-level socioeconomic gradients of cardiovascular disease risk factors in India. Data in Brief, 2019, 27, 104486.	0.5	2
42	Tobacco Control Policies: The Authors Reply. Health Affairs, 2020, 39, 346-346.	2.5	2
43	The effects of a wife's retirement on her husband's mental health among older adults in China. Applied Economics Letters, 2022, 29, 1891-1896.	1.0	1
44	The impact of retirement on inpatient healthcare utilization in Guangzhou, China: a regression discontinuity analysis of 189,031 health insurance claims. BMC Geriatrics, 2022, 22, 380.	1.1	1
45	Trends of overweight and obesity among preschool children from 2013 to 2018: a cross-sectional study in Rhine-Neckar County and the City of Heidelberg, Germany. BMC Public Health, 2022, 22, 941.	1.2	1
46	Childhood vaccine uptake in Africa: threats, challenges, and opportunities. Journal of Global Health Reports, 0, , .	1.0	0
47	Attitudes Toward the Global Allocation of Chinese COVID-19 Vaccines: Cross-sectional Online Survey of Adults Living in China. JMIR Public Health and Surveillance, 2022, 8, e33484.	1.2	0