

# Simiao Chen, ScD

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

2,280  
citations

13  
h-index

47  
g-index

54  
ext. papers

4,580  
ext. citations

9.8  
avg. IF

5.67  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 46 | Effectiveness of a Workplace-Based, Multicomponent Hypertension Management Program in Real-World Practice: A Propensity-Matched Analysis. <i>Hypertension</i> , <b>2022</b> , 79, 230-240   | 8.5  | 2         |
| 45 | Animated, video entertainment-education to improve vaccine confidence globally during the COVID-19 pandemic: an online randomized controlled experiment with 24,000 participants.. <i>Trials</i> , <b>2022</b> , 23, 161  | 2.8  | 1         |
| 44 | Prevalence of depression in China during the early stage of the COVID-19 pandemic: a cross-sectional study in an online survey sample.. <i>BMJ Open</i> , <b>2022</b> , 12, e056667   | 3    | 0         |
| 43 | The impact of retirement on inpatient healthcare utilization in Guangzhou, China: a regression discontinuity analysis of 189,031 health insurance claims.. <i>BMC Geriatrics</i> , <b>2022</b> , 22, 380  | 4.1  | 0         |
| 42 | 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.. <i>BMC Public Health</i> , <b>2022</b> , 22, 941  | 4.1  | 0         |
| 41 | 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> , <b>2021</b> , 17, e1009472  | 5    | 4         |
| 40 | Factors Predicting Progression to Severe COVID-19: A Competing Risk Survival Analysis of 1753 Patients in Community Isolation in Wuhan, China. <i>Engineering</i> , <b>2021</b> ,   | 9.7  | 1         |
| 39 | Non-Communicable Diseases During the COVID-19 Pandemic and Beyond. <i>Engineering</i> , <b>2021</b> , 7, 899-902  | 9.7  | 5         |
| 38 | Climate and the spread of COVID-19. <i>Scientific Reports</i> , <b>2021</b> , 11, 9042  | 4.9  | 27        |
| 37 | Knowledge About COVID-19 Among Adults in China: Cross-sectional Online Survey. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e26940   | 7.6  | 6         |
| 36 | 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</i> , <b>2021</b> , 6, e482-e499  | 22.4 | 11        |
| 35 | 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</i> , <b>2021</b> , 397, 2337-2360                        | 40   | 97        |
| 34 | Targeting Hypertension Screening in Low- and Middle-Income Countries: A Cross-Sectional Analysis of 1.2 Million Adults in 56 Countries. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e021063  | 6    | 1         |
| 33 | Health Benefits and Costs of Clean Heating Renovation: An Integrated Assessment in a Major Chinese City. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10046-10055  | 10.3 | 6         |
| 32 | Curbing the COVID-19 pandemic with facility-based isolation of mild cases: a mathematical modeling study. <i>Journal of Travel Medicine</i> , <b>2021</b> , 28,   | 12.9 | 14        |
| 31 | What can we learn from COVID-19 vaccine R&D in China? A discussion from a public policy perspective. <i>Journal of Travel Medicine</i> , <b>2021</b> , 28,  | 12.9 | 6         |
| 30 | Variation in the Proportion of Adults in Need of Blood Pressure-Lowering Medications by Hypertension Care Guideline in Low- and Middle-Income Countries: A Cross-Sectional Study of 1 037 215 Individuals From 50 Nationally Representative Surveys. <i>Circulation</i> , <b>2021</b> , 143, 991-1001 | 16.7 | 2         |

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| 29 | 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> , <b>2021</b> , 20, 100328   | 1.5  | 13  |
| 28 | Macro-level efficiency of health expenditure: Estimates for 15 major economies. <i>Social Science and Medicine</i> , <b>2021</b> , 287, 114270  | 5.1  | 6   |
| 27 | Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2982-3021  | 15.1 | 922 |
| 26 | 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. <i>Journal of Global Health</i> , <b>2020</b> , 10, 020509 | 4.3  | 7   |
| 25 | COVID-19 control in China during mass population movements at New Year. <i>Lancet, The</i> , <b>2020</b> , 395, 764-766   | 4.66 | 441 |
| 24 | Fangcang shelter hospitals: a novel concept for responding to public health emergencies. <i>Lancet, The</i> , <b>2020</b> , 395, 1305-1314  | 4.0  | 376 |
| 23 | Healthcare Worker Attendance During the Early Stages of the COVID-19 Pandemic: A Longitudinal Analysis of Daily Fingerprint-Verified Data from All Public-Sector Secondary and Tertiary Care Facilities in Bangladesh <b>2020</b> ,   |      | 1   |
| 22 | Duration of SARS-CoV-2 RNA detection in COVID-19 patients in home isolation, Rhineland-Palatinate, Germany, 2020 - an interval-censored survival analysis. <i>Eurosurveillance</i> , <b>2020</b> , 25,  | 19.8 | 12  |
| 21 | COVID-19 and climate: global evidence from 117 countries <b>2020</b> ,  |      | 10  |
| 20 | The Effect Of Home-Based Hypertension Screening On Blood Pressure Change Over Time In South Africa. <i>Health Affairs</i> , <b>2020</b> , 39, 124-132   | 7    | 4   |
| 19 | Lifetime Prevalence of Cervical Cancer Screening in 55 Low- and Middle-Income Countries. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 1532-1542   | 27.4 | 26  |
| 18 | Buying Time for an Effective Epidemic Response: The Impact of a Public Holiday for Outbreak Control on COVID-19 Epidemic Spread. <i>Engineering</i> , <b>2020</b> , 6, 1108-1114  | 9.7  | 18  |
| 17 | Revisiting the association between temperature and COVID-19 transmissibility across 117 countries. <i>ERJ Open Research</i> , <b>2020</b> , 6,  | 3.5  | 11  |
| 16 | A stepped-wedge randomized trial and qualitative survey of HIV pre-exposure prophylaxis uptake in the Eswatini population. <i>Science Translational Medicine</i> , <b>2020</b> , 12,  | 17.5 | 6   |
| 15 | The economic burden of chronic diseases: Estimates and projections for China, Japan, and South Korea. <i>Journal of the Economics of Ageing</i> , <b>2020</b> , 17, 100163  | 1.5  | 37  |
| 14 | The causal effect of retirement on stress in older adults in China: A regression discontinuity study. <i>SSM - Population Health</i> , <b>2020</b> , 10, 100462   | 3.8  | 6   |
| 13 | Tobacco Control Policies: The Authors Reply. <i>Health Affairs</i> , <b>2020</b> , 39, 346  | 7    | 2   |
| 12 | The global macroeconomic burden of road injuries: estimates and projections for 166 countries. <i>Lancet Planetary Health, The</i> , <b>2019</b> , 3, e390-e398   | 9.8  | 63  |

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| 11 | 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. <i>Data in Brief</i> , <b>2019</b> , 27, 104486  | 1.2 | 2  |
| 10 | China's new 4 + 4 medical education programme. <i>Lancet, The</i> , <b>2019</b> , 394, 1121-1123   | 4.0 | 9  |
| 9  | The macroeconomic burden of noncommunicable diseases associated with air pollution in China. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215663  | 3.7 | 18 |
| 8  | 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, The</i> , <b>2019</b> , 366, l4064  | 5.9 | 22 |
| 7  | 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. <i>Social Science and Medicine</i> , <b>2019</b> , 239, 112514 | 5.1 | 4  |
| 6  | Noncommunicable Diseases Attributable To Tobacco Use In China: Macroeconomic Burden And Tobacco Control Policies. <i>Health Affairs</i> , <b>2019</b> , 38, 1832-1839  | 7   | 10 |
| 5  | 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> , <b>2018</b> , 42, e18                            | 4.1 | 10 |
| 4  | The macroeconomic burden of noncommunicable diseases in the United States: Estimates and projections. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206702   | 3.7 | 52 |
| 3  | The Economic Burden of Chronic Diseases: Estimates and Projections for China, Japan, and South Korea <b>2017</b> ,   |     | 7  |
| 2  | The effects of a wife's retirement on her husband's mental health among older adults in China. <i>Applied Economics Letters</i> , 1-6  | 1   |    |
| 1  | Knowledge About COVID-19 Among Adults in China: Cross-sectional Online Survey (Preprint)   |     | 1  |