

Jinjun Ran

List of Publications by Year in descending order

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59
papers

3,293
citations

361413

20
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

5148
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary estimation of the basic reproduction number of novel coronavirus (2019-nCoV) in China, from 2019 to 2020: A data-driven analysis in the early phase of the outbreak. <i>International Journal of Infectious Diseases</i> , 2020, 92, 214-217.	3.3	1,428
2	Estimating the Unreported Number of Novel Coronavirus (2019-nCoV) Cases in China in the First Half of January 2020: A Data-Driven Modelling Analysis of the Early Outbreak. <i>Journal of Clinical Medicine</i> , 2020, 9, 388.	2.4	378
3	The association between domestic train transportation and novel coronavirus (2019-nCoV) outbreak in China from 2019 to 2020: A data-driven correlational report. <i>Travel Medicine and Infectious Disease</i> , 2020, 33, 101568.	3.0	132
4	Blood pressure control and adverse outcomes of COVID-19 infection in patients with concomitant hypertension in Wuhan, China. <i>Hypertension Research</i> , 2020, 43, 1267-1276.	2.7	91
5	Quantifying the association between domestic travel and the exportation of novel coronavirus (2019-nCoV) cases from Wuhan, China in 2020: a correlational analysis. <i>Journal of Travel Medicine</i> , 2020, 27, .	3.0	71
6	Benefits of physical activity not affected by air pollution: a prospective cohort study. <i>International Journal of Epidemiology</i> , 2020, 49, 142-152.	1.9	63
7	Outdoor light at night and risk of coronary heart disease among older adults: a prospective cohort study. <i>European Heart Journal</i> , 2021, 42, 822-830.	2.2	61
8	Smoking and Influenza-associated Morbidity and Mortality. <i>Epidemiology</i> , 2019, 30, 405-417.	2.7	60
9	Estimating the Serial Interval of the Novel Coronavirus Disease (COVID-19): A Statistical Analysis Using the Public Data in Hong Kong From January 16 to February 15, 2020. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	53
10	COVID-19 and gender-specific difference: Analysis of public surveillance data in Hong Kong and Shenzhen, China, from January 10 to February 15, 2020. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 750-751.	1.8	53
11	Serial interval in determining the estimation of reproduction number of the novel coronavirus disease (COVID-19) during the early outbreak. <i>Journal of Travel Medicine</i> , 2020, 27, .	3.0	43
12	Short-term effects of ambient benzene and TEX (toluene, ethylbenzene, and xylene combined) on cardiorespiratory mortality in Hong Kong. <i>Environment International</i> , 2018, 117, 91-98.	10.0	41
13	A re-analysis in exploring the association between temperature and COVID-19 transmissibility: an ecological study with 154 Chinese cities. <i>European Respiratory Journal</i> , 2020, 56, 2001253.	6.7	34
14	Are ambient volatile organic compounds environmental stressors for heart failure?. <i>Environmental Pollution</i> , 2018, 242, 1810-1816.	7.5	32
15	Increased susceptibility to heat for respiratory hospitalizations in Hong Kong. <i>Science of the Total Environment</i> , 2019, 666, 197-204.	8.0	30
16	Long-term exposure to fine particulate matter and dementia incidence: A cohort study in Hong Kong. <i>Environmental Pollution</i> , 2021, 271, 116303.	7.5	30
17	Modelling the effective reproduction number of vector-borne diseases: the yellow fever outbreak in Luanda, Angola 2015-2016 as an example. <i>PeerJ</i> , 2020, 8, e8601.	2.0	30
18	Long-Term Exposure to Ambient Fine Particulate Matter and Mortality From Renal Failure: A Retrospective Cohort Study in Hong Kong, China. <i>American Journal of Epidemiology</i> , 2020, 189, 602-612.	3.4	27

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19	The ambient ozone and COVID-19 transmissibility in China: A data-driven ecological study of 154 cities. <i>Journal of Infection</i> , 2020, 81, e9-e11.	3.3	27
20	Trends of temperature variability: Which variability and what health implications?. <i>Science of the Total Environment</i> , 2021, 768, 144487.	8.0	26
21	The basic reproduction number of novel coronavirus (2019-nCoV) estimation based on exponential growth in the early outbreak in China from 2019 to 2020: A reply to Dhungana. <i>International Journal of Infectious Diseases</i> , 2020, 94, 148-150.	3.3	24
22	Inferencing superspreading potential using zero-truncated negative binomial model: exemplification with COVID-19. <i>BMC Medical Research Methodology</i> , 2021, 21, 30.	3.1	23
23	Increase in Diabetes Mortality Associated With COVID-19 Pandemic in the U.S.. <i>Diabetes Care</i> , 2021, 44, e146-e147.	8.6	22
24	Fine particulate matter and cause-specific mortality in the Hong Kong elder patients with chronic kidney disease. <i>Chemosphere</i> , 2020, 247, 125913.	8.2	21
25	Effect of ambient air pollution on tuberculosis risks and mortality in Shandong, China: a multi-city modeling study of the short- and long-term effects of pollutants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27757-27768.	5.3	21
26	Association of time to diagnosis with socioeconomic position and geographical accessibility to healthcare among symptomatic COVID-19 patients: A retrospective study in Hong Kong. <i>Health and Place</i> , 2020, 66, 102465.	3.3	20
27	Does the AQHI reduce cardiovascular hospitalization in Hong Kong's elderly population?. <i>Environment International</i> , 2020, 135, 105344.	10.0	19
28	Obesity and COVID-19 in Adult Patients With Diabetes. <i>Diabetes</i> , 2021, 70, 1061-1069.	0.6	19
29	The joint association of physical activity and fine particulate matter exposure with incident dementia in elderly Hong Kong residents. <i>Environment International</i> , 2021, 156, 106645.	10.0	19
30	Interactions between serum folate and human papillomavirus with cervical intraepithelial neoplasia risk in a Chinese population-based study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1034-1042.	4.7	16
31	Source-Specific Volatile Organic Compounds and Emergency Hospital Admissions for Cardiorespiratory Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6210.	2.6	16
32	Five-year lung cancer mortality risk analysis and topography in Xuan Wei: a spatiotemporal correlation analysis. <i>BMC Public Health</i> , 2019, 19, 173.	2.9	15
33	Effects of ambient benzene and toluene on emergency COPD hospitalizations: A time series study in Hong Kong. <i>Science of the Total Environment</i> , 2019, 657, 28-35.	8.0	15
34	Bituminous coal combustion and Xuan Wei Lung cancer: a review of the epidemiology, intervention, carcinogens, and carcinogenesis. <i>Archives of Toxicology</i> , 2019, 93, 573-583.	4.2	15
35	Indoor Environmental Factors and Acute Respiratory Illness in a Prospective Cohort of Community-Dwelling Older Adults. <i>Journal of Infectious Diseases</i> , 2020, 222, 967-978.	4.0	15
36	Epidemic Growth and Reproduction Number for the Novel Coronavirus Disease (COVID-19) Outbreak on the Diamond Princess Cruise Ship from January 20 to February 19, 2020: A preliminary Data-Driven Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15

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37	Effects of particulate matter exposure on the transmissibility and case fatality rate of COVID-19: A Nationwide Ecological Study in China. <i>Journal of Travel Medicine</i> , 2020, 27, .	3.0	13
38	Dietary potato intake and risks of type 2 diabetes and gestational diabetes mellitus. <i>Clinical Nutrition</i> , 2021, 40, 3754-3764.	5.0	9
39	Cigarette smoking increases deaths associated with air pollution in Hong Kong. <i>Atmospheric Environment</i> , 2020, 223, 117266.	4.1	8
40	The changing patterns of COVID-19 transmissibility during the social unrest in the United States: A nationwide ecological study with a before-and-after comparison. <i>One Health</i> , 2021, 12, 100201.	3.4	8
41	Initial COVID-19 Transmissibility and Three Gaseous Air Pollutants (NO ₂ , SO ₂ , and CO): A Nationwide Ecological Study in China. <i>Frontiers in Medicine</i> , 2020, 7, 575839.	2.6	6
42	Independent effect of weather, air pollutants, and seasonal influenza on risk of tuberculosis hospitalization: An analysis of 22-year hospital admission data. <i>Science of the Total Environment</i> , 2022, 837, 155711.	8.0	6
43	Quantifying the improvement in confirmation efficiency of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) during the early phase of the outbreak in Hong Kong in 2020. <i>International Journal of Infectious Diseases</i> , 2020, 96, 284-287.	3.3	5
44	Exploring the Interaction between E484K and N501Y Substitutions of SARS-CoV-2 in Shaping the Transmission Advantage of COVID-19 in Brazil: A Modeling Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 1247-1254.	1.4	5
45	Association of weather, air pollutants, and seasonal influenza with chronic obstructive pulmonary disease hospitalization risks. <i>Environmental Pollution</i> , 2022, 293, 118480.	7.5	5
46	<p>Modelling the Measles Outbreak at Hong Kong International Airport in 2019: A Data-Driven Analysis on the Effects of Timely Reporting and Public Awareness</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1851-1861.	2.7	4
47	Attach importance to the procedure of deriving reproduction numbers from compartmental models: Letter to the editor in response to “Seasonality of the transmissibility of hand, foot and mouth disease: a modelling study in Xiamen City, China”. <i>Epidemiology and Infection</i> , 2020, 148, e62.	2.1	4
48	Limited role for meteorological factors on the variability in COVID-19 incidence: A retrospective study of 102 Chinese cities. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009056.	3.0	4
49	The reproductive number of Lassa fever: a systematic review. <i>Journal of Travel Medicine</i> , 2021, 28, .	3.0	4
50	Estimating the Instantaneous Asymptomatic Proportion With a Simple Approach: Exemplified With the Publicly Available COVID-19 Surveillance Data in Hong Kong. <i>Frontiers in Public Health</i> , 2021, 9, 604455.	2.7	4
51	The co-circulating transmission dynamics of SARS-CoV-2 Alpha and Eta variants in Nigeria: A retrospective modeling study of COVID-19. <i>Journal of Global Health</i> , 2021, 11, 05028.	2.7	4
52	Attach importance of the bootstrap test against Student's t test in clinical epidemiology: a demonstrative comparison using COVID-19 as an example. <i>Epidemiology and Infection</i> , 2021, 149, e107.	2.1	3
53	Modelling COVID-19 outbreak on the Diamond Princess ship using the public surveillance data. <i>Infectious Disease Modelling</i> , 2022, 7, 189-195.	1.9	3
54	Changes in renal failure mortality during the COVID-19 pandemic in the United States. <i>Journal of Nephrology</i> , 2021, 34, 2167-2170.	2.0	1

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55	Are Ambient Volatile Organic Compounds Environmental Stressors for Heart Failure?. ISEE Conference Abstracts, 2018, 2018, .	0.0	1
56	How Transportation Restriction Shapes the Relationship Between Ambient Nitrogen Dioxide and COVID-19 Transmissibility: An Exploratory Analysis. Frontiers in Public Health, 2021, 9, 697491.	2.7	0
57	The Joint Effects of Physical Activity and Long-Term Exposure to Air Pollution on Cardiovascular Mortality: A Prospective Cohort Study. SSRN Electronic Journal, 0, , .	0.4	0
58	Five-Year Lung Cancer Mortality Risk Analysis and Topography in Xuan Wei: A Spatio--Temporal Correlation Analysis. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
59	Does Fine Particulate Matter Exacerbate Cardiovascular Events Among Patients with Chronic Kidney Disease?. SSRN Electronic Journal, 0, , .	0.4	0