

# Yun-Quan Zhang

## List of Publications by Year in descending order

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101  
papers

29,102  
citations

81743

39  
h-index

30010

103  
g-index

114  
all docs

114  
docs citations

114  
times ranked

26645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1204-1222.	6.3	7,664
2	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
3	Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	6.3	3,928
4	Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 459-480.	4.9	2,625
5	Global, regional, and national burden of stroke and its risk factors, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology, The</i> , 2021, 20, 795-820.	4.9	2,308
6	Global, regional, and national burden of stroke, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 439-458.	4.9	2,005
7	Prevalence and attributable health burden of chronic respiratory diseases, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the</i> , 2020, 8, 585-596.	5.2	1,049
8	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1160-1203.	6.3	890
9	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
10	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1250-1284.	6.3	330
11	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 870-905.	6.3	229
12	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	13.7	161
13	Temperature exposure during pregnancy and birth outcomes: An updated systematic review of epidemiological evidence. <i>Environmental Pollution</i> , 2017, 225, 700-712.	3.7	155
14	Mapping child growth failure across low- and middle-income countries. <i>Nature</i> , 2020, 577, 231-234.	13.7	128
15	Short-term effects of ambient PM1 and PM2.5 air pollution on hospital admission for respiratory diseases: Case-crossover evidence from Shenzhen, China. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 224, 113418.	2.1	111
16	Short-Term Exposure to Ambient Air Pollution and Mortality From Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021, 77, 271-281.	1.2	110
17	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	1.2	103
18	Mortality burden attributable to PM1 in Zhejiang province, China. <i>Environment International</i> , 2018, 121, 515-522.	4.8	101

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19	The global distribution of lymphatic filariasis, 2000–18: a geospatial analysis. <i>The Lancet Global Health</i> , 2020, 8, e1186-e1194.	2.9	98
20	Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 1593-1618.	6.3	92
21	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	2.9	91
22	Evidence for Urban–Rural Disparity in Temperature–Mortality Relationships in Zhejiang Province, China. <i>Environmental Health Perspectives</i> , 2019, 127, 37001.	2.8	83
23	Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. <i>BMC Medicine</i> , 2021, 19, 4.	2.3	78
24	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020, 395, 1779-1801.	6.3	72
25	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	13.7	71
26	The Short-Term Effect of Ambient Temperature on Mortality in Wuhan, China: A Time-Series Study Using a Distributed Lag Non-Linear Model. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 722.	1.2	67
27	Global and regional burden of cancer in 2016 arising from occupational exposure to selected carcinogens: a systematic analysis for the Global Burden of Disease Study 2016. <i>Occupational and Environmental Medicine</i> , 2020, 77, 151-159.	1.3	64
28	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. <i>Nature Medicine</i> , 2021, 27, 1761-1782.	15.2	60
29	Mapping disparities in education across low- and middle-income countries. <i>Nature</i> , 2020, 577, 235-238.	13.7	58
30	Global and regional burden of disease and injury in 2016 arising from occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016. <i>Occupational and Environmental Medicine</i> , 2020, 77, 133-141.	1.3	56
31	Impact of temperature variation on mortality: An observational study from 12 counties across Hubei Province in China. <i>Science of the Total Environment</i> , 2017, 587-588, 196-203.	3.9	55
32	Burden of Ischaemic heart disease and attributable risk factors in China from 1990 to 2015: findings from the global burden of disease 2015 study. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 18.	0.7	51
33	Association of diurnal temperature range with daily mortality in England and Wales: A nationwide time-series study. <i>Science of the Total Environment</i> , 2018, 619-620, 291-300.	3.9	49
34	Temperature variability and mortality in rural and urban areas in Zhejiang province, China: An application of a spatiotemporal index. <i>Science of the Total Environment</i> , 2019, 647, 1044-1051.	3.9	49
35	Short-Term Effects of Ambient Air Pollution on Hospitalization for Respiratory Disease in Taiyuan, China: A Time-Series Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2160.	1.2	48
36	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020, 26, 750-759.	15.2	47

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37	Long-term exposure to fine particulate constituents and cardiovascular diseases in Chinese adults. <i>Journal of Hazardous Materials</i> , 2021, 416, 126051.	6.5	46
38	Burden of mortality and years of life lost due to ambient PM 10 pollution in Wuhan, China. <i>Environmental Pollution</i> , 2017, 230, 1073-1080.	3.7	45
39	All-Cause Mortality Risk and Attributable Deaths Associated with Long-Term Exposure to Ambient PM <sub>2.5</sub> in Chinese Adults. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6116-6127.	4.6	45
40	Early-life exposure to submicron particulate air pollution in relation to asthma development in Chinese preschool children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 771-782.e12.	1.5	45
41	Short-Term Effects of Fine Particulate Matter and Temperature on Lung Function among Healthy College Students in Wuhan, China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 7777-7793.	1.2	44
42	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	1.2	44
43	Diurnal Temperature Range in Relation to Daily Mortality and Years of Life Lost in Wuhan, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 891.	1.2	41
44	Impact of temperature on mortality in Hubei, China: a multi-county time series analysis. <i>Scientific Reports</i> , 2017, 7, 45093.	1.6	40
45	Spatiotemporal Changes in Fine Particulate Matter Pollution and the Associated Mortality Burden in China between 2015 and 2016. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1321.	1.2	38
46	Global climate change: impact of heat waves under different definitions on daily mortality in Wuhan, China. <i>Global Health Research and Policy</i> , 2017, 2, 10.	1.4	37
47	Socio-geographic disparity in cardiorespiratory mortality burden attributable to ambient temperature in the United States. <i>Environmental Science and Pollution Research</i> , 2019, 26, 694-705.	2.7	35
48	Hourly associations between exposure to ambient particulate matter and emergency department visits in an urban population of Shenzhen, China. <i>Atmospheric Environment</i> , 2019, 209, 78-85.	1.9	34
49	Temporal and seasonal variations of mortality burden associated with hourly temperature variability: A nationwide investigation in England and Wales. <i>Environment International</i> , 2018, 115, 325-333.	4.8	33
50	Evaluation of Patient and Medical Staff Satisfaction regarding Healthcare Services in Wuhan Public Hospitals. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 769.	1.2	33
51	Subnational mapping of HIV incidence and mortality among individuals aged 15–49 years in sub-Saharan Africa, 2000–18: a modelling study. <i>Lancet HIV</i> , 2021, 8, e363-e375.	2.1	32
52	Air Pollution as a Cause of Obesity: Micro-Level Evidence from Chinese Cities. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4296.	1.2	31
53	Mortality risk and burden associated with temperature variability in China, United Kingdom and United States: Comparative analysis of daily and hourly exposure metrics. <i>Environmental Research</i> , 2019, 179, 108771.	3.7	31
54	Intraday effects of ambient PM1 on emergency department visits in Guangzhou, China: A case-crossover study. <i>Science of the Total Environment</i> , 2021, 750, 142347.	3.9	30

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55	Age- and season-specific effects of ambient particles (PM1, PM2.5, and PM10) on daily emergency department visits among two Chinese metropolitan populations. <i>Chemosphere</i> , 2020, 246, 125723.	4.2	25
56	The burden of ambient temperature on years of life lost: A multi-community analysis in Hubei, China. <i>Science of the Total Environment</i> , 2018, 621, 1491-1498.	3.9	24
57	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000â€“2018. <i>Nature Human Behaviour</i> , 2021, 5, 1027-1045.	6.2	24
58	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	2.9	23
59	Comparison of Secular Trends in Road Injury Mortality in China and the United States: An Age-Period-Cohort Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2508.	1.2	22
60	Air pollution and mental health: the moderator effect of health behaviors. <i>Environmental Research Letters</i> , 2021, 16, 044005.	2.2	20
61	Increased Eating Frequency Is Associated with Lower Obesity Risk, But Higher Energy Intake in Adults: A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 603.	1.2	19
62	An analysis of the characteristics of road traffic injuries and a prediction of fatalities in China from 1996 to 2015. <i>Traffic Injury Prevention</i> , 2018, 19, 749-754.	0.6	19
63	Utilizing daily excessive concentration hours to estimate cardiovascular mortality and years of life lost attributable to fine particulate matter in Tehran, Iran. <i>Science of the Total Environment</i> , 2020, 703, 134909.	3.9	19
64	Short-term impacts of ambient fine particulate matter on emergency department visits: Comparative analysis of three exposure metrics. <i>Chemosphere</i> , 2020, 241, 125012.	4.2	18
65	Tracking development assistance for health from China, 2007â€“2017. <i>BMJ Global Health</i> , 2019, 4, e001513.	2.0	16
66	Predictive Model and Risk Factors for Case Fatality of COVID-19: A Cohort of 21,392 Cases in Hubei, China. <i>Innovation(China)</i> , 2020, 1, 100022.	5.2	16
67	Global Mortality Burden of Cirrhosis and Liver Cancer Attributable to Injection Drug Use, 1990â€“2016: An Age-Period-Cohort and Spatial Autocorrelation Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 170.	1.2	15
68	Long-term exposure to ambient NO2 and adult mortality: A nationwide cohort study in China. <i>Journal of Advanced Research</i> , 2022, 41, 13-22.	4.4	15
69	Association between outdoor artificial light at night and sleep duration among older adults in China: A cross-sectional study. <i>Environmental Research</i> , 2022, 212, 113343.	3.7	15
70	Early-life exposure to PM2.5 constituents and childhood asthma and wheezing: Findings from China, Children, Homes, Health study. <i>Environment International</i> , 2022, 165, 107297.	4.8	15
71	Effect modifications of green space and blue space on heatâ€“mortality association in Hong Kong, 2008â€“2017. <i>Science of the Total Environment</i> , 2022, 838, 156127.	3.9	15
72	Short-term exposure to fine particulate matter constituents and mortality: case-crossover evidence from 32 counties in China. <i>Science China Life Sciences</i> , 2022, 65, 2527-2538.	2.3	15

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73	Size-specific particulate air pollution and hospitalization for cardiovascular diseases: A case-crossover study in Shenzhen, China. <i>Atmospheric Environment</i> , 2021, 251, 118271.	1.9	14
74	Impact of summer heat on mortality and years of life lost: Application of a novel indicator of daily excess hourly heat. <i>Environmental Research</i> , 2019, 172, 596-603.	3.7	13
75	Associations between acute exposure to ambient air pollution and length of stay for inpatients with ischemic heart disease: a multi-city analysis in central China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43743-43754.	2.7	13
76	Exposure to extreme climate decreases self-rated health score: Large-scale survey evidence from China. <i>Global Environmental Change</i> , 2022, 74, 102514.	3.6	11
77	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	1.3	10
78	Attributable Risk and Economic Cost of Cardiovascular Hospital Admissions Due to Ambient Particulate Matter in Wuhan, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5453.	1.2	9
79	Exposure to suboptimal ambient temperature during specific gestational periods and adverse outcomes in mice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45487-45498.	2.7	9
80	Longitudinal Impacts of PM <sub>2.5</sub> Constituents on Adult Mortality in China. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7224-7233.	4.6	9
81	Reduction in daily ambient PM <sub>2.5</sub> pollution and potential life gain by attaining WHO air quality guidelines in Tehran. <i>Environmental Research</i> , 2022, 209, 112787.	3.7	9
82	Asthma mortality is triggered by short-term exposures to ambient air pollutants: Evidence from a Chinese urban population. <i>Atmospheric Environment</i> , 2020, 223, 117271.	1.9	8
83	Cigarette smoking increases deaths associated with air pollution in Hong Kong. <i>Atmospheric Environment</i> , 2020, 223, 117266.	1.9	8
84	Global burden of chronic obstructive pulmonary disease attributable to ambient ozone in 204 countries and territories during 1990–2019. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9293-9305.	2.7	8
85	Contributions of ambient temperature and relative humidity to the risk of tuberculosis admissions: A multicity study in Central China. <i>Science of the Total Environment</i> , 2022, 838, 156272.	3.9	8
86	Estimation of the Disease Burden Attributable to 11 Risk Factors in Hubei Province, China: A Comparative Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 944.	1.2	7
87	Assessing short-term impacts of PM <sub>2.5</sub> constituents on cardiorespiratory hospitalizations: Multi-city evidence from China. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113912.	2.1	7
88	Does income inequality aggravate the impacts of air pollution on physical health? Evidence from China. <i>Environment, Development and Sustainability</i> , 2022, 24, 2120-2144.	2.7	6
89	Impact of Temperature on Physical and Mental Health: Evidence from China. <i>Weather, Climate, and Society</i> , 2021, 13, 709-727.	0.5	6
90	Estimation of hourly PM <sub>1</sub> concentration in China and its application in population exposure analysis. <i>Environmental Pollution</i> , 2021, 273, 115720.	3.7	5

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91	Assessing PM2.5-associated risk of hospitalization for COPD: an application of daily excessive concentration hours. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30267-30277.	2.7	5
92	Spatiotemporal or temporal index to assess the association between temperature variability and mortality in China?. <i>Environmental Research</i> , 2019, 170, 344-350.	3.7	4
93	Comparative analysis of daily and hourly temperature variability in association with all-cause and cardiorespiratory mortality in 45 US cities. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11625-11633.	2.7	3
94	Longitudinal association of egg intake frequency with cardiovascular disease in Chinese adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 908-917.	1.1	3
95	Secular trends in global burden of diabetes attributable to particulate matter pollution from 1990 to 2019. <i>Environmental Science and Pollution Research</i> , 2022, 29, 52844-52856.	2.7	3
96	Associations of Daytime Napping with Incident Cardiovascular Diseases and Hypertension in Chinese Adults: A Nationwide Cohort Study.. <i>Biomedical and Environmental Sciences</i> , 2022, 35, 22-34.	0.2	3
97	Associations between home renovation and asthma, allergic rhinitis, and eczema among preschool children in Wuhan, China. <i>International Journal of Environmental Health Research</i> , 2022, 32, 2298-2308.	1.3	2
98	A Cohort of SARS-CoV-2 Infected Asymptomatic and Pre-Symptomatic Contacts from COVID-19 Contact Tracing in Hubei Province, China: Short-Term Outcomes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
99	Association of Midday Napping with All-Cause Mortality in Chinese Adults: A 8-Year Nationwide Cohort Study. <i>Behavioral Medicine</i> , 2023, 49, 321-330.	1.0	1
100	Temperature Variability and Mortality in Urban and Rural China: An Application of Spatiotemporal Index. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	0
101	Prenatal exposure to gaseous air pollution in relation to worse fetal growth and adverse birth outcomes in mice. <i>Air Quality, Atmosphere and Health</i> , 0, , 1.	1.5	0