

Jian Cheng

List of Publications by Year in descending order

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78
papers

1,937
citations

279701

23
h-index

302012

39
g-index

79
all docs

79
docs citations

79
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of diurnal temperature range on human health: a systematic review. <i>International Journal of Biometeorology</i> , 2014, 58, 2011-2024.	1.3	176
2	Cardiorespiratory effects of heatwaves: A systematic review and meta-analysis of global epidemiological evidence. <i>Environmental Research</i> , 2019, 177, 108610.	3.7	130
3	Heatwave and elderly mortality: An evaluation of death burden and health costs considering short-term mortality displacement. <i>Environment International</i> , 2018, 115, 334-342.	4.8	107
4	Short-term association between ambient air pollution and lung cancer mortality. <i>Environmental Research</i> , 2019, 179, 108748.	3.7	87
5	Heatwave and health events: A systematic evaluation of different temperature indicators, heatwave intensities and durations. <i>Science of the Total Environment</i> , 2018, 630, 679-689.	3.9	72
6	Associations between extreme precipitation and childhood hand, foot and mouth disease in urban and rural areas in Hefei, China. <i>Science of the Total Environment</i> , 2014, 497-498, 484-490.	3.9	67
7	The mortality burden of hourly temperature variability in five capital cities, Australia: Time-series and meta-regression analysis. <i>Environment International</i> , 2017, 109, 10-19.	4.8	57
8	Impacts of heat, cold, and temperature variability on mortality in Australia, 2000–2009. <i>Science of the Total Environment</i> , 2019, 651, 2558-2565.	3.9	55
9	Temperature variation between neighboring days and mortality: a distributed lag non-linear analysis. <i>International Journal of Public Health</i> , 2014, 59, 923-931.	1.0	54
10	Ambient particulate matter (PM1, PM2.5, PM10) and childhood pneumonia: The smaller particle, the greater short-term impact?. <i>Science of the Total Environment</i> , 2021, 772, 145509.	3.9	48
11	Prenatal antibiotic use and risk of childhood wheeze/asthma: A meta-analysis. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 756-764.	1.1	45
12	Mortality burden attributable to heatwaves in Thailand: A systematic assessment incorporating evidence-based lag structure. <i>Environment International</i> , 2018, 121, 41-50.	4.8	41
13	Impacts of exposure to ambient temperature on burden of disease: a systematic review of epidemiological evidence. <i>International Journal of Biometeorology</i> , 2019, 63, 1099-1115.	1.3	41
14	Ambient high temperature exposure and global disease burden during 1990–2019: An analysis of the Global Burden of Disease Study 2019. <i>Science of the Total Environment</i> , 2021, 787, 147540.	3.9	40
15	Impact of weather factors on hand, foot and mouth disease, and its role in short-term incidence trend forecast in Huainan City, Anhui Province. <i>International Journal of Biometeorology</i> , 2017, 61, 453-461.	1.3	39
16	Heatwaves and diabetes in Brisbane, Australia: a population-based retrospective cohort study. <i>International Journal of Epidemiology</i> , 2019, 48, 1091-1100.	0.9	37
17	The burden of extreme heat and heatwave on emergency ambulance dispatches: A time-series study in Huainan, China. <i>Science of the Total Environment</i> , 2016, 571, 27-33.	3.9	36
18	Intraday effects of outdoor air pollution on acute upper and lower respiratory infections in Australian children. <i>Environmental Pollution</i> , 2021, 268, 115698.	3.7	36

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19	The complex associations of climate variability with seasonal influenza A and B virus transmission in subtropical Shanghai, China. <i>Science of the Total Environment</i> , 2020, 701, 134607.	3.9	35
20	Is greater temperature change within a day associated with increased emergency admissions for schizophrenia?. <i>Science of the Total Environment</i> , 2016, 566-567, 1545-1551.	3.9	34
21	Heatwaves and dengue outbreaks in Hanoi, Vietnam: New evidence on early warning. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007997.	1.3	31
22	Maternal coffee consumption during pregnancy and risk of childhood acute leukemia: a metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 151.e1-151.e10.	0.7	29
23	Association between traffic-related air pollution and hospital readmissions for rheumatoid arthritis in Hefei, China: A time-series study. <i>Environmental Pollution</i> , 2021, 268, 115628.	3.7	28
24	Heatwaves, hospitalizations for Alzheimer's disease, and postdischarge deaths: A population-based cohort study. <i>Environmental Research</i> , 2019, 178, 108714.	3.7	26
25	Impact of temperature variation between adjacent days on childhood hand, foot and mouth disease during April and July in urban and rural Hefei, China. <i>International Journal of Biometeorology</i> , 2016, 60, 883-890.	1.3	24
26	Impact of short-term temperature variability on emergency hospital admissions for schizophrenia stratified by season of birth. <i>International Journal of Biometeorology</i> , 2017, 61, 589-599.	1.3	24
27	Does the gut microbiome partially mediate the impact of air pollutants exposure on liver function? Evidence based on schizophrenia patients. <i>Environmental Pollution</i> , 2021, 291, 118135.	3.7	24
28	Season-stratified effects of meteorological factors on childhood asthma in Shanghai, China. <i>Environmental Research</i> , 2020, 191, 110115.	3.7	23
29	Assessment of heat- and cold-related emergency department visits in cities of China and Australia: Population vulnerability and attributable burden. <i>Environmental Research</i> , 2018, 166, 610-619.	3.7	19
30	Estimating cardiovascular hospitalizations and associated expenses attributable to ambient carbon monoxide in Lanzhou, China: Scientific evidence for policy making. <i>Science of the Total Environment</i> , 2019, 682, 514-522.	3.9	19
31	Extreme weather events and dengue outbreaks in Guangzhou, China: a time-series quasi-binomial distributed lag non-linear model. <i>International Journal of Biometeorology</i> , 2021, 65, 1033-1042.	1.3	19
32	Asthma and Risk of Stroke: A Systematic Review and Meta-analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 497-503.	0.7	18
33	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
34	Hourly air pollution exposure and emergency department visit for acute myocardial infarction: Vulnerable populations and susceptible time window. <i>Environmental Pollution</i> , 2021, 288, 117806.	3.7	18
35	Impacts of temperature change on ambulance dispatches and seasonal effect modification. <i>International Journal of Biometeorology</i> , 2016, 60, 1863-1871.	1.3	17
36	The association between diurnal temperature range and childhood bacillary dysentery. <i>International Journal of Biometeorology</i> , 2016, 60, 269-276.	1.3	17

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37	Heat and risk of acute kidney injury: An hourly-level case-crossover study in queensland, Australia. <i>Environmental Research</i> , 2020, 182, 109058.	3.7	17
38	Long-term exposure to ambient air pollution and obesity in school-aged children and adolescents in Jiangsu province of China. <i>Environmental Research</i> , 2021, 195, 110804.	3.7	17
39	Extreme temperature exposure and acute myocardial infarction: Elevated risk within hours?. <i>Environmental Research</i> , 2021, 202, 111691.	3.7	17
40	Effect of temperature stress on gut-brain axis in mice: Regulation of intestinal microbiome and central NLRP3 inflammasomes. <i>Science of the Total Environment</i> , 2021, 772, 144568.	3.9	16
41	Extreme weather conditions and dengue outbreak in Guangdong, China: Spatial heterogeneity based on climate variability. <i>Environmental Research</i> , 2021, 196, 110900.	3.7	15
42	Lower-than-standard particulate matter air pollution reduced life expectancy in Hong Kong: A time-series analysis of 8.5 million years of life lost. <i>Chemosphere</i> , 2021, 272, 129926.	4.2	15
43	Winter temperature and myocardial infarction in Brisbane, Australia: Spatial and temporal analyses. <i>Science of the Total Environment</i> , 2020, 715, 136860.	3.9	13
44	Associations of extreme temperatures with hospitalizations and post-discharge deaths for stroke: What is the role of pre-existing hyperlipidemia?. <i>Environmental Research</i> , 2021, 193, 110391.	3.7	13
45	Temperature-sensitive morbidity indicator: consequence from the increased ambulance dispatches associated with heat and cold exposure. <i>International Journal of Biometeorology</i> , 2021, 65, 1871-1880.	1.3	13
46	Particulate matter pollution associated with schizophrenia hospital re-admissions: a time-series study in a coastal Chinese city. <i>Environmental Science and Pollution Research</i> , 2021, 28, 58355-58363.	2.7	13
47	Copy number variations and polymorphisms in HSP90AB1 and risk of systemic lupus erythematosus and efficacy of glucocorticoids. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5340-5348.	1.6	12
48	Impact of temperature variability on childhood allergic rhinitis in a subtropical city of China. <i>BMC Public Health</i> , 2020, 20, 1418.	1.2	12
49	Effects of extreme precipitation on hospitalization risk and disease burden of schizophrenia in urban and rural Luân™an, China, from 2010 to 2019. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19176-19184.	2.7	12
50	Climate variability, socio-ecological factors and dengue transmission in tropical Queensland, Australia: A Bayesian spatial analysis. <i>Environmental Research</i> , 2021, 195, 110285.	3.7	11
51	Seasonal characteristics of temperature variability impacts on childhood asthma hospitalization in Hefei, China: Does PM2.5 modify the association?. <i>Environmental Research</i> , 2022, 207, 112078.	3.7	10
52	Evaluation of life expectancy loss associated with submicron and fine particulate matter (PM1 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 68134-68143.	2.7	9
53	Live poultry market closure and avian influenza A (H7N9) infection in cities of China, 2013â€™2017: an ecological study. <i>BMC Infectious Diseases</i> , 2020, 20, 369.	1.3	9
54	Association between traffic-related air pollution and anxiety hospitalizations in a coastal Chinese city: are there potentially susceptible groups?. <i>Environmental Research</i> , 2022, 209, 112832.	3.7	9

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55	Associations of Fine Particulate Matter Constituents with Metabolic Syndrome and the Mediating Role of Apolipoprotein B: A Multicenter Study in Middle-Aged and Elderly Chinese Adults. <i>Environmental Science & Technology</i> , 2022, 56, 10161-10171.	4.6	9
56	Temporal trends of the association between temperature variation and hospitalizations for schizophrenia in Hefei, China from 2005 to 2019: a time-varying distribution lag nonlinear model. <i>Environmental Science and Pollution Research</i> , 2022, 29, 5184-5193.	2.7	8
57	Association of childhood asthma with intra-day and inter-day temperature variability in Shanghai, China. <i>Environmental Research</i> , 2022, 204, 112350.	3.7	8
58	Effect of ambient temperature on outpatient admission for osteoarthritis and rheumatoid arthritis in a subtropical Chinese city. <i>BMC Public Health</i> , 2022, 22, 172.	1.2	8
59	Using an Exposome-Wide Approach to Explore the Impact of Urban Environments on Blood Pressure among Adults in Beijing, Tianjin, Hebei and Surrounding Areas of China. <i>Environmental Science & Technology</i> , 2022, 56, 8395-8405.	4.6	8
60	Weather variability and transmissibility of COVID-19: a time series analysis based on effective reproductive number. <i>Experimental Results</i> , 2021, 2, e15.	0.2	7
61	Disparities of weather type and geographical location in the impacts of temperature variability on cancer mortality: A multicity case-crossover study in Jiangsu Province, China. <i>Environmental Research</i> , 2021, 197, 110985.	3.7	7
62	Oxidative stress-mediated particulate matter affects the risk of relapse in schizophrenia patients: Air purification intervention-based panel study. <i>Environmental Pollution</i> , 2022, 292, 118348.	3.7	7
63	The impact of cold spells on schizophrenia admissions and the synergistic effect with the air quality index. <i>Environmental Research</i> , 2022, 212, 113243.	3.7	7
64	A global comprehensive analysis of ambient low temperature and non-communicable diseases burden during 1990-2019. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66136-66147.	2.7	7
65	Low ambient temperature shortened life expectancy in Hong Kong: A time-series analysis of 1.4 million years of life lost from cardiorespiratory diseases. <i>Environmental Research</i> , 2021, 201, 111652.	3.7	6
66	Short-term effects and economic burden assessment of ambient air pollution on hospitalizations for schizophrenia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45449-45460.	2.7	6
67	Effects of different heat exposure patterns (accumulated and transient) and schizophrenia hospitalizations: a time-series analysis on hourly temperature basis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 69160-69170.	2.7	5
68	Semaphorin-3A, semaphorin-7A gene single nucleotide polymorphisms, and systemic lupus erythematosus susceptibility. <i>Autoimmunity</i> , 2019, 52, 161-167.	1.2	4
69	Attributing hypertensive life expectancy loss to ambient heat exposure: A multicenter study in eastern China. <i>Environmental Research</i> , 2022, 208, 112726.	3.7	4
70	Platelet count and mortality of H7N9 infected patients in Guangdong, China. <i>Platelets</i> , 2020, 31, 268-271.	1.1	3
71	Urban Water Consumption Patterns in an Adult Population in Wuxi, China: A Regression Tree Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2983.	1.2	3
72	Temporal trends of the association between extreme temperatures and hospitalisations for schizophrenia in Hefei, China from 2005 to 2014. <i>Occupational and Environmental Medicine</i> , 2021, 78, 364-370.	1.3	3

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73	Associations of heat and cold with hospitalizations and post-discharge deaths due to acute myocardial infarction: what is the role of pre-existing diabetes?. International Journal of Epidemiology, 2021, , .	0.9	2
74	Protective effect of pneumococcal conjugate vaccination on the short-term association between low temperatures and childhood pneumonia hospitalizations: Interrupted time-series and case-crossover analyses in Matlab, Bangladesh. Environmental Research, 2022, 212, 113156.	3.7	1
75	Heatwaves and dengue outbreaks in Hanoi, Vietnam: New evidence on early warning. , 2020, 14, e0007997.		0
76	Heatwaves and dengue outbreaks in Hanoi, Vietnam: New evidence on early warning. , 2020, 14, e0007997.		0
77	Heatwaves and dengue outbreaks in Hanoi, Vietnam: New evidence on early warning. , 2020, 14, e0007997.		0
78	Heatwaves and dengue outbreaks in Hanoi, Vietnam: New evidence on early warning. , 2020, 14, e0007997.		0