Chun-Quan Ou

List of Publications by Year
in descending order

73	27,761	201385 27	95083 68
papers	citations	h-index	g-index

81	81	81	56104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical Characteristics of Coronavirus Disease 2019 in China. New England Journal of Medicine, 2020, 382, 1708-1720.	13.9	22,372
2	Comorbidity and its impact on 1590 patients with COVID-19 in China: a nationwide analysis. European Respiratory Journal, 2020, 55, 2000547.	3.1	2,551
3	Epidemiology of chronic rhinosinusitis: results from a crossâ€sectional survey in seven <scp>C</scp>hinese cities. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 533-539.	2.7	310
4	Spatial and temporal analysis of Air Pollution Index and its timescale-dependent relationship with meteorological factors in Guangzhou, China, 2001â€“2011. Environmental Pollution, 2014, 190, 75-81.	3.7	195
5	Daily temperature and mortality: a study of distributed lag non-linear effect and effect modification in Guangzhou. Environmental Health, 2012, 11, 63.	1.7	190
6	Cardiovascular mortality risk attributable to ambient temperature in China. Heart, 2015, 101, 1966-1972.	1.2	155
7	Extreme gradient boosting model to estimate PM2.5 concentrations with missing-filled satellite data in China. Atmospheric Environment, 2019, 202, 180-189.	1.9	139
8	Global climate change: Impact of diurnal temperature range on mortality in Guangzhou, China. Environmental Pollution, 2013, 175, 131-136.	3.7	135
9	The burden of stroke mortality attributable to cold and hot ambient temperatures: Epidemiological evidence from China. Environment International, 2016, 92-93, 232-238.	4.8	123
10	Meteorological drought forecasting based on a statistical model with machine learning techniques in Shaanxi province, China. Science of the Total Environment, 2019, 665, 338-346.	3.9	116
11	Projecting heat-related excess mortality under climate change scenarios in China. Nature Communications, 2021, 12, 1039.	5.8	102
12	The impact of ambient air pollution on suicide mortality: a case-crossover study in Guangzhou, China. Environmental Health, 2016, 15, 90.	1.7	82
13	Cold spell and mortality in 31 Chinese capital cities: Definitions, vulnerability and implications. Environment International, 2019, 128, 271-278.	4.8	73
14	Socioeconomic disparities in air pollution-associated mortality. Environmental Research, 2008, 107, 237-244.	3.7	63
15	The effect of ambient temperature on diabetes mortality in China: A multi-city time series study. Science of the Total Environment, 2016, 543, 75-82.	3.9	63
16	Seasonal variations of temperature-related mortality burden from cardiovascular disease and myocardial infarction in China. Environmental Pollution, 2017, 224, 400-406.	3.7	59
17	Estimating years of life lost from cardiovascular mortality related to air pollution in Guangzhou, China. Science of the Total Environment, 2016, 573, 1566-1572.	3.9	54
18	Can the Air Pollution Index be used to communicate the health risks ofÂair pollution?. Environmental Pollution, 2015, 205, 153-160.	3.7	49

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19	Excess Winter Mortality and Cold Temperatures in a Subtropical City, Guangzhou, China. PLoS ONE, 2013, 8, e77150.	1.1	47
20	Particulate matter modifies the magnitude and time course of the non-linear temperature-mortality association. Environmental Pollution, 2015, 196, 423-430.	3.7	43
21	Short-term effects of meteorological factors on pediatric hand, foot, and mouth disease in Guangdong, China: a multi-city time-series analysis. BMC Infectious Diseases, 2016, 16, 524.	1.3	43
22	The burden of COPD mortality due to ambient air pollution in Guangzhou, China. Scientific Reports, 2016, 6, 25900.	1.6	42
23	The burden of ambient temperature on years of life lost in Guangzhou, China. Scientific Reports, 2015, 5, 12250.	1.6	41
24	Malaria incidence from 2005â€“2013 and its associations with meteorological factors in Guangdong, China. Malaria Journal, 2015, 14, 116.	0.8	37
25	Nonlinear and lagged meteorological effects on daily levels of ambient PM2.5 and O3: Evidence from 284 Chinese cities. Journal of Cleaner Production, 2021, 278, 123931.	4.6	36
26	A kriging-calibrated machine learning method for estimating daily ground-level NO2 in mainland China. Science of the Total Environment, 2019, 690, 556-564.	3.9	35
27	Occupational and environmental risk factors for chronic rhinosinusitis in China: a multicentre cross-sectional study. Respiratory Research, 2016, 17, 54.	1.4	32
28	Seasonality and temperature effects on fasting plasma glucose: A population-based longitudinal study in China. Diabetes and Metabolism, 2016, 42, 267-275.	1.4	32
29	Influence of Self-Reported Chronic Rhinosinusitis on Health-Related Quality of Life: A Population-Based Survey. PLoS ONE, 2015, 10, e0126881.	1.1	29
30	Trends of Heat Waves and Cold Spells over 1951â€“2015 in Guangzhou, China. Atmosphere, 2017, 8, 37.	1.0	28
31	Using Bayesian spatio-temporal model to determine the socio-economic and meteorological factors influencing ambient PM2.5 levels in 109 Chinese cities. Environmental Pollution, 2019, 254, 113023.	3.7	28
32	Estimating PM2.5 concentrations based on non-linear exposure-lag-response associations with aerosol optical depth and meteorological measures. Atmospheric Environment, 2018, 173, 30-37.	1.9	26
33	A nomogram for predicting mortality in patients with COVID-19 and solid tumors: a multicenter retrospective cohort study. , 2020, 8, e001314.		26
34	The impact of relative humidity and atmospheric pressure on mortality in Guangzhou, China. Biomedical and Environmental Sciences, 2014, 27, 917-25.	0.2	26
35	Transmission and containment of the SARS-CoV-2 Delta variant of concern in Guangzhou, China: A population-based study. PLoS Neglected Tropical Diseases, 2022, 16, e0010048.	1.3	25
36	The modifying effects of heat and cold wave characteristics on cardiovascular mortality in 31 major Chinese cities. Environmental Research Letters, 2020, 15, 105009.	2.2	24

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37	Effects of ambient temperature on ambulance emergency call-outs in the subtropical city of Shenzhen, China. PLoS ONE, 2018, 13, e0207187.	1.1	23
38	Effects of hourly precipitation and temperature on road traffic casualties in Shenzhen, China (2010â€“2016): A time-stratified case-crossover study. Science of the Total Environment, 2020, 720, 137482.	3.9	23
39	Predictors of first-year GPA of medical students: a longitudinal study of 1285 matriculates in China. BMC Medical Education, 2014, 14, 87.	1.0	20
40	Hourly temperature variability and mortality in 31 major Chinese cities: Effect modification by individual characteristics, season and temperature zone. Environment International, 2021, 156, 106746.	4.8	20
41	Short-Term Effects of Particulate Air Pollution on Male Smokers and Never-Smokers. Epidemiology, 2007, 18, 593-598.	1.2	18
42	Comparison of Different Missing-Imputation Methods for MAIAC (Multiangle Implementation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.8	16
43	Prevalence and Occupational and Environmental Risk Factors of Self-Reported Asthma: Evidence from a Cross-Sectional Survey in Seven Chinese Cities. International Journal of Environmental Research and Public Health, 2016, 13, 1084.	1.2	15
44	Impact of Influenza on Outpatient Visits, Hospitalizations, and Deaths by Using a Time Series Poisson Generalized Additive Model. PLoS ONE, 2016, 11, e0149468.	1.1	15
45	The impact of self-concept and college involvement on the first-year success of medical students in China. Advances in Health Sciences Education, 2015, 20, 163-179.	1.7	14
46	Countries of origin of imported COVID-19 cases into China and measures to prevent onward transmission. Journal of Travel Medicine, 2020, 27, .	1.4	14
47	Individual exposure to ambient PM2.5 and hospital admissions for COPD in 110 hospitals: a case-crossover study in Guangzhou, China. Environmental Science and Pollution Research, 2022, 29, 11699-11706.	2.7	14
48	Chromosomal polymorphisms are independently associated with multinucleated embryo formation. Journal of Assisted Reproduction and Genetics, 2018, 35, 149-156.	1.2	13
49	Dietary habits and the short-term effects of air pollution on mortality in the Chinese population in Hong Kong. Journal of Epidemiology and Community Health, 2012, 66, 254-258.	2.0	12
50	The impact of cold spells on mortality from a wide spectrum of diseases in Guangzhou, China. Environmental Research Letters, 2021, 16, 015009.	2.2	12
51	Temperature Variability and Hospital Admissions for Chronic Obstructive Pulmonary Disease: Analysis of Attributable Disease Burden and Vulnerable Subpopulation . International Journal of COPD, 2020, Volume 15, 2225-2235.	0.9	11
52	Effects of hourly levels of ambient air pollution on ambulance emergency call-outs in Shenzhen, China. Environmental Science and Pollution Research, 2020, 27, 24880-24888.	2.7	10
53	Comparison of the clinical characteristics and comprehensive assessments of the 2011 and 2017 GOLD classifications for patients with COPD in China. International Journal of COPD, 2018, Volume 13, 3011-3019.	0.9	8
54	A longâ€lasting biological larvicide against the dengue vector mosquito <scp>Aedes albopictus</scp>. Pest Management Science, 2021, 77, 741-748.	1.7	8

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55	The effectiveness of early start of Grade III response to dengue in Guangzhou, China: A population-based interrupted time-series study. PLoS Neglected Tropical Diseases, 2020, 14, e0008541.	1.3	7
56	A Universal New Definition of Heart Failure With Improved Ejection Fraction for Patients With Coronary Artery Disease. Frontiers in Physiology, 2021, 12, 770650.	1.3	7
57	Intravenous administration of adenosine triphosphate and phosphocreatine combined with fluoxetine in major depressive disorder: protocol for a randomized, double-blind, placebo-controlled pilot study. Trials, 2019, 20, 34.	0.7	6
58	A tensor product quasi-Poisson model for estimating health effects of multiple ambient pollutants on mortality. Environmental Health, 2019, 18, 38.	1.7	6
59	Trends and seasonality in cause-specific mortality among children under 15â€‰years in Guangzhou, China, 2008â€“2018. BMC Public Health, 2020, 20, 1117.	1.2	6
60	Quantifying and characterizing the impacts of PM2.5 and humidity on atmospheric visibility in 182 Chinese cities: A nationwide time-series study. Journal of Cleaner Production, 2022, 368, 133182.	4.6	6
61	Effects of hourly precipitation and temperature on ambulance response time. Environmental Research, 2020, 181, 108946.	3.7	4
62	Temporal lung changes on thin-section CT in patients with COVID-19 pneumonia. Scientific Reports, 2020, 10, 19649.	1.6	4
63	Time-varying effect of drunk driving regulations on road traffic mortality in Guangzhou, China: an interrupted time-series analysis. BMC Public Health, 2021, 21, 1885.	1.2	4
64	Factors associated with the disposition of frozen embryos after a live birth through IVF treatment in China. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 217, 23-28.	0.5	3
65	Identification of relevant variables and construction of a multidimensional index for predicting mortality in COPD patients . International Journal of COPD, 2019, Volume 14, 1703-1711.	0.9	3
66	Evaluating the effectiveness of national measles elimination action in mainland China during 2004â€“2016: A multi-site interrupted time-series study. Vaccine, 2020, 38, 4440-4447.	1.7	3
67	Sex Difference Trend in 5-Year Mortality Among Patients With Coronary Artery Disease: A 24,432 Chinese Cohort Study From 2007 to 2014. Frontiers in Cardiovascular Medicine, 2022, 9, 774365.	1.1	3
68	A Humoral Immunity Survey Following the 2012 Influenza Season After the pH1N1 Pandemic in Guangzhou, China. Viral Immunology, 2014, 27, 124-128.	0.6	1
69	The Study on Reasonability of Retrospective Power. , 2009, , .		0
70	Title is missing!. , 2020, 14, e0008541.		0
71	Title is missing!. , 2020, 14, e0008541.		0
72	Title is missing!. , 2020, 14, e0008541.		0

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73	Title is missing!. , 2020, 14, e0008541.		0