Kai Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2473140/publications.pdf

Version: 2024-02-01

62 papers	2,259 citations	218381 26 h-index	223531 46 g-index
65 all docs	65 docs citations	65 times ranked	3082 citing authors

#	Article	IF	Citations
1	Short-term exposure to air pollution and mental disorders: a case-crossover study in New York City. , 2023, 1, 015001.		3
2	Predicting spatiotemporally-resolved mean air temperature over Sweden from satellite data using an ensemble model. Environmental Research, 2022, 204, 111960.	3.7	7
3	Long-term ozone exposure and cognitive impairment among Chinese older adults: A cohort study. Environment International, 2022, 160, 107072.	4.8	24
4	Short-term effects of cold spells on plasma viscosity: Results from the KORA cohort study in Augsburg, Germany. Environmental Pollution, 2022, 302, 119071.	3.7	7
5	Associations between short-term ambient ozone exposure and cause-specific mortality in rural and urban areas of Jiangsu, China. Environmental Research, 2022, 211, 113098.	3.7	8
6	Climate change and health in Kuwait: temperature and mortality projections under different climatic scenarios. Environmental Research Letters, 2022, 17, 074001.	2.2	6
7	Associations between long-term drought and diarrhea among children under five in low- and middle-income countries. Nature Communications, 2022, 13, .	5.8	13
8	Particulate matter pollution and risk of outpatient visits for psychological diseases in Nanjing, China. Environmental Research, 2021, 193, 110601.	3.7	10
9	Projection of Temperature-Related Excess Mortality by Integrating Population Adaptability Under Changing Climate â€" China, 2050s and 2080s. China CDC Weekly, 2021, 3, 697-701.	1.0	7
10	Was it better or worse? Simulating the environmental and health impacts of emissions trading scheme in Hubei province, China. Energy, 2021, 217, 119427.	4.5	13
11	Effect of extreme temperatures on daily emergency room visits for mental disorders. Environmental Science and Pollution Research, 2021, 28, 39243-39256.	2.7	20
12	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. Lancet Planetary Health, The, 2021, 5, e191-e199.	5.1	35
13	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. Nature Communications, 2021, 12, 3602.	5.8	97
14	Population ageing and deaths attributable to ambient PM2Â·5 pollution: a global analysis of economic cost. Lancet Planetary Health, The, 2021, 5, e356-e367.	5.1	63
15	Solid fuels use for cooking and sleep health in adults aged 45Âyears and older in China. Scientific Reports, 2021, 11, 13304.	1.6	5
16	Role of meteorological factors in the transmission of SARS-CoV-2 in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
17	Predicting spatiotemporally-resolved air temperature over Sweden from satellite data using an ensemble model. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
18	Long-term Ozone Exposure and Cognitive Impairment among Chinese Older Adults: Analysis of the Chinese Longitudinal Healthy Longevity Survey. ISEE Conference Abstracts, 2021, 2021, .	0.0	0

#	Article	IF	Citations
19	Associations between short-term ambient ozone exposure and cause-specific mortality in the rural and urban areas of Jiangsu, China. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
20	Associations Between Drought and Childhood Diarrhea in Low- and Middle-Income Countries. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	Association between extreme temperatures and emergency room visits related to mental disorders: A multi-region time-series study in New York, USA. Science of the Total Environment, 2021, 792, 148246.	3.9	35
22	Health Burden and economic impacts attributed to PM2.5 and O3 in china from 2010 to 2050 under different representative concentration pathway scenarios. Resources, Conservation and Recycling, 2021, 173, 105731.	5.3	28
23	Short-term associations between particulate matter air pollution and hospital admissions through the emergency room for urinary system disease in Beijing, China: A time-series study. Environmental Pollution, 2021, 289, 117858.	3.7	7
24	Exposure and perception of PM2.5 pollution on the mental stress of pregnant women. Environment International, 2021, 156, 106686.	4.8	8
25	Living in a highly polluted and warmer environment: Challenges for cardiovascular prevention. European Journal of Preventive Cardiology, 2020, 27, 511-512.	0.8	1
26	Temperature, precipitation, ozone pollution, and daily fatal unintentional injuries in Jiangsu Province, China during 2015â€“2017. Injury Epidemiology, 2020, 7, 42.	0.8	1
27	Burden of cause-specific mortality attributable to heat and cold: A multicity time-series study in Jiangsu Province, China. Environment International, 2020, 144, 105994.	4.8	47
28	Reduction in air pollution and attributable mortality due to COVID-19 lockdown â€” Authors' reply. Lancet Planetary Health, The, 2020, 4, e269.	5.1	4
29	Air pollution reduction and mortality benefit during the COVID-19 outbreak in China. Lancet Planetary Health, The, 2020, 4, e210-e212.	5.1	312
30	Projections of Ambient Temperature- and Air Pollution-Related Mortality Burden Under Combined Climate Change and Population Aging Scenarios: a Review. Current Environmental Health Reports, 2020, 7, 243-255.	3.2	43
31	Particulate matter pollution and hospital outpatient visits for endocrine, digestive, urological, and dermatological diseases in Nanjing, China. Environmental Pollution, 2020, 261, 114205.	3.7	24
32	Hourly Exposure to Ultrafine Particle Metrics and the Onset of Myocardial Infarction in Augsburg, Germany. Environmental Health Perspectives, 2020, 128, 17003.	2.8	47
33	Burden of myocardial infarctions attributable to heat and cold. European Heart Journal, 2019, 40, 3440-3441.	1.0	4
34	Temporal variations in the triggering of myocardial infarction by air temperature in Augsburg, Germany, 1987â€“2014. European Heart Journal, 2019, 40, 1600-1608.	1.0	89
35	The impact of ambient particulate matter on hospital outpatient visits for respiratory and circulatory system disease in an urban Chinese population. Science of the Total Environment, 2019, 666, 672-679.	3.9	50
36	Impact of climate and population change on temperature-related mortality burden in Bavaria, Germany. Environmental Research Letters, 2019, 14, 124080.	2.2	14

#	Article	IF	Citations
37	Projection of Temperature-Related Myocardial Infarction in Augsburg, Germany. Deutsches Ärzteblatt International, 2019, 116, 521-527.	0.6	17
38	Risk perception of heat waves and its spatial variation in Nanjing, China. International Journal of Biometeorology, 2018, 62, 783-794.	1.3	16
39	Two-way effect modifications of air pollution and air temperature on total natural and cardiovascular mortality in eight European urban areas. Environment International, 2018, 116, 186-196.	4.8	145
40	Does temperature-confounding control influence the modifying effect of air temperature in ozoneâ€“mortality associations?. Environmental Epidemiology, 2018, 2, e008.	1.4	11
41	Future ozone-related acute excess mortality under climate and population change scenarios in China: A modeling study. PLoS Medicine, 2018, 15, e1002598.	3.9	54
42	OP VII â€“ 2â€...Does temperature confounding control influence the modifying effect of air temperature in ozone-mortality associations?. , 2018, , .		0
43	P II â€“ 1â€“8â€...Development of land-use regression models for air temperature and relative humidity in augsburg, germany. , 2018, , .		0
44	Impact of climate change on heat-related mortality in Jiangsu Province, China. Environmental Pollution, 2017, 224, 317-325.	3.7	73
45	Acute effect of ozone exposure on daily mortality in seven cities of Jiangsu Province, China: No clear evidence for threshold. Environmental Research, 2017, 155, 235-241.	3.7	54
46	Heat and mortality for ischemic and hemorrhagic stroke in 12 cities of Jiangsu Province, China. Science of the Total Environment, 2017, 601-602, 271-277.	3.9	33
47	Potential Cardiovascular and Total Mortality Benefits of Air Pollution Control in Urban China. Circulation, 2017, 136, 1575-1584.	1.6	48
48	Geospatial characteristics of measles transmission in China during 2005â^'2014. PLoS Computational Biology, 2017, 13, e1005474.	1.5	17
49	Urbanization Level and Vulnerability to Heat-Related Mortality in Jiangsu Province, China. Environmental Health Perspectives, 2016, 124, 1863-1869.	2.8	81
50	Acute effects of air pollution on influenza-like illness in Nanjing, China: A population-based study. Chemosphere, 2016, 147, 180-187.	4.2	103
51	Heavy metals in soils and road dusts in the mining areas of Western Suzhou, China: a preliminary identification of contaminated sites. Journal of Soils and Sediments, 2016, 16, 204-214.	1.5	68
52	Spatial analysis of the effect of the 2010 heat wave on stroke mortality in Nanjing, China. Scientific Reports, 2015, 5, 10816.	1.6	31
53	Association of soil cadmium contamination with ceramic industry: A case study in a Chinese town. Science of the Total Environment, 2015, 514, 26-32.	3.9	67
54	Childhood Lead Exposure in an Industrial Town in China: Coupling Stable Isotope Ratios with Bioaccessible Lead. Environmental Science & Technology, 2015, 49, 5080-5087.	4.6	40

#	Article	IF	Citations
55	Association of soil arsenic and nickel exposure with cancer mortality rates, a town-scale ecological study in Suzhou, China. Environmental Science and Pollution Research, 2015, 22, 5395-5404.	2.7	54
56	Influence of heat wave definitions to the added effect of heat waves on daily mortality in Nanjing, China. Science of the Total Environment, 2015, 506-507, 18-25.	3.9	131
57	The comparison analysis of Chinese public perception of earthquakes on different time scales. Natural Hazards, 2014, 73, 613-625.	1.6	11
58	Effect of Lead Pollution Control on Environmental and Childhood Blood Lead Level in Nantong, China: An Interventional Study. Environmental Science & Technology, 2014, 48, 12930-12936.	4.6	64
59	Influence of temperature to the short-term effects of various ozone metrics on daily mortality in Suzhou, China. Atmospheric Environment, 2013, 79, 119-128.	1.9	26
60	Ecological Risk Assessment of Heavy Metals in Surface Sediments of Six Major Chinese Freshwater Lakes. Journal of Environmental Quality, 2013, 42, 341-350.	1.0	70
61	Risk Conundrums. , 0, , .		9
62	Towards Disentangling Lockdown-Driven Air Quality Changes in the Northeastern U.S.. Journal of Extreme Events, 0, , 2150017.	1.2	1