

Yixuan Zheng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4037803/yixuan-zheng-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

3,769
citations

28
h-index

61
g-index

64
ext. papers

5,593
ext. citations

9.1
avg. IF

5.63
L-index

#	Paper	IF	Citations
59	Association of PM _{2.5} Reduction with Improved Kidney Function: A Nationwide Quasiexperiment among Chinese Adults. <i>Health Data Science</i> , 2022 , 2022, 1-9		
58	New WHO global air quality guidelines help prevent premature deaths in China.. <i>National Science Review</i> , 2022 , 9, nwac055	10.8	0
57	A systematic assessment of city-level climate change mitigation and air quality improvement in China. <i>Science of the Total Environment</i> , 2022 , 839, 156274	10.2	0
56	Reduced-complexity air quality intervention modeling over China: the development of InMAPv1.6.1-China and a comparison with CMAQv5.2. <i>Geoscientific Model Development</i> , 2021 , 14, 7621-7638	6.3	2
55	Incorporating VOC Emission Control in China's Hazardous Waste Regulatory System. <i>Environmental Science & Technology</i> , 2021 , 55, 15569-15571	10.3	0
54	Separating emission and meteorological contributions to long-term PM _{2.5} trends over eastern China during 2000-2018. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 9475-9496	6.8	20
53	Drivers of PM _{2.5} air pollution deaths in China 2002-2017. <i>Nature Geoscience</i> , 2021 , 14, 645-650	18.3	30
52	Diurnal regulation of VOCs may not be effective in controlling ozone pollution in China. <i>Atmospheric Environment</i> , 2021 , 256, 118442	5.3	3
51	A component-specific exposure-mortality model for ambient PM in China: findings from nationwide epidemiology based on outputs from a chemical transport model. <i>Faraday Discussions</i> , 2021 , 226, 551-568	3.6	2
50	Association between a Rapid Reduction in Air Particle Pollution and Improved Lung Function in Adults. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 247-256	4.7	2
49	Impacts of meteorology and emission variations on the heavy air pollution episode in North China around the 2020 Spring Festival. <i>Science China Earth Sciences</i> , 2021 , 64, 1-11	4.6	9
48	Clean air actions in China, PM _{2.5} exposure, and household medical expenditures: A quasi-experimental study. <i>PLoS Medicine</i> , 2021 , 18, e1003480	11.6	4
47	Carbon and air pollutant emissions from China's cement industry 1990-2015: trends, evolution of technologies, and drivers. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 1627-1647	6.8	16
46	Tracking Air Pollution in China: Near Real-Time PM Retrievals from Multisource Data Fusion. <i>Environmental Science & Technology</i> , 2021 , 55, 12106-12115	10.3	26
45	Air quality benefits of achieving carbon neutrality in China. <i>Science of the Total Environment</i> , 2021 , 795, 148784	10.2	34
44	Consumption-based PM-related premature mortality in the Beijing-Tianjin-Hebei region. <i>Science of the Total Environment</i> , 2021 , 800, 149575	10.2	1
43	Long-term PM exposure and depressive symptoms in China: A quasi-experimental study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 6, 100079	5	9

42	Dynamic projection of anthropogenic emissions in China: methodology and 2015-2050 emission pathways under a range of socioeconomic, climate policy, and pollution control scenarios 2020 ,		1
41	Dynamic projection of anthropogenic emissions in China: methodology and 2015-2050 emission pathways under a range of socio-economic, climate policy, and pollution control scenarios. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5729-5757	6.8	38
40	Geographic variations in the blood pressure responses to short-term fine particulate matter exposure in China. <i>Science of the Total Environment</i> , 2020 , 722, 137842	10.2	3
39	Climate effects of aerosols reduce economic inequality. <i>Nature Climate Change</i> , 2020 , 10, 220-224	21.4	8
38	Quantifying the contribution of temperature anomaly to stroke risk in China. <i>Environmental Research Letters</i> , 2020 , 15, 105014	6.2	0
37	Climate effects of China's efforts to improve its air quality. <i>Environmental Research Letters</i> , 2020 , 15, 104052	6.2	5
36	How protective is China's National Ambient Air Quality Standards on short-term PM _{2.5} ? Findings from blood pressure measurements of 1 million adults. <i>Environmental Research Letters</i> , 2020 , 15, 125014	6.2	2
35	Estimating Spatiotemporal Variation in Ambient Ozone Exposure during 2013-2017 Using a Data-Fusion Model. <i>Environmental Science & Technology</i> , 2020 , 54, 14877-14888	10.3	23
34	Decadal changes in anthropogenic source contribution of PM _{2.5} pollution and related health impacts in China, 1990-2015. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 7783-7799	6.8	20
33	Impacts of climate change on future air quality and human health in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17193-17200	11.5	96
32	Change in the number of PM-attributed deaths in China from 2000 to 2010: Comparison between estimations from census-based epidemiology and pre-established exposure-response functions. <i>Environment International</i> , 2019 , 129, 430-437	12.9	26
31	Declines in mental health associated with air pollution and temperature variability in China. <i>Nature Communications</i> , 2019 , 10, 2165	17.4	62
30	Dominant role of emission reduction in PM _{2.5} air quality improvement in Beijing during 2013-2017: a model-based decomposition analysis. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6125-6146	6.8	183
29	Impact of China's Air Pollution Prevention and Control Action Plan on PM _{2.5} chemical composition over eastern China. <i>Science China Earth Sciences</i> , 2019 , 62, 1872-1884	4.6	55
28	Energy and emission pathways towards PM air quality attainment in the Beijing-Tianjin-Hebei region by 2030. <i>Science of the Total Environment</i> , 2019 , 692, 361-370	10.2	23
27	Committed emissions from existing energy infrastructure jeopardize 1.5 °C climate target. <i>Nature</i> , 2019 , 572, 373-377	50.4	248
26	Rapid improvement of PM _{2.5} pollution and associated health benefits in China during 2013-2017. <i>Science China Earth Sciences</i> , 2019 , 62, 1847-1856	4.6	71
25	Air quality and health benefits of China's emission control policies on coal-fired power plants during 2005-2020. <i>Environmental Research Letters</i> , 2019 , 14, 094016	6.2	43

24	Modeling the aging process of black carbon during atmospheric transport using a new approach: a case study in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 9663-9680	6.8	10
23	Drivers of improved PM air quality in China from 2013 to 2017. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24463-24469	11.5	578
22	Decadal changes in anthropogenic source contribution of PM _{2.5} pollution and related health impacts in China, 1990-2015 2019 ,		1
21	Spatiotemporal continuous estimates of PM concentrations in China, 2000-2016: A machine learning method with inputs from satellites, chemical transport model, and ground observations. <i>Environment International</i> , 2019 , 123, 345-357	12.9	129
20	A national case-crossover study on ambient ozone pollution and first-ever stroke among Chinese adults: Interpreting a weak association via differential susceptibility. <i>Science of the Total Environment</i> , 2019 , 654, 135-143	10.2	7
19	Underreported coal in statistics: A survey-based solid fuel consumption and emission inventory for the rural residential sector in China. <i>Applied Energy</i> , 2019 , 235, 1169-1182	10.7	50
18	The Lancet Countdown on PM pollution-related health impacts of China's projected carbon dioxide mitigation in the electric power generation sector under the Paris Agreement: a modelling study. <i>Lancet Planetary Health</i> , 2018 , 2, e151-e161	9.8	33
17	Differential Susceptibility in Ambient Particle-Related Risk of First-Ever Stroke: Findings From a National Case-Crossover Study. <i>American Journal of Epidemiology</i> , 2018 , 187, 1001-1009	3.8	15
16	Enhancement of PM _{2.5} Concentrations by Aerosol-Meteorology Interactions Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 1179-1194	4.4	35
15	Nitrate-driven urban haze pollution during summertime over the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 5293-5306	6.8	94
14	Reduction in black carbon light absorption due to multi-pollutant emission control during APEC China 2014. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10275-10287	6.8	14
13	Trends in China's anthropogenic emissions since 2010 as the consequence of clean air actions 2018 ,		6
12	Trends in China's anthropogenic emissions since 2010 as the consequence of clean air actions. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 14095-14111	6.8	865
11	Current Emissions and Future Mitigation Pathways of Coal-Fired Power Plants in China from 2010 to 2030. <i>Environmental Science & Technology</i> , 2018 , 52, 12905-12914	10.3	74
10	Spatiotemporal variability of NO ₂ and PM _{2.5} over Eastern China: observational and model analyses with a novel statistical method. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 12933-12952	6.8	32
9	Development of PM and NO models in a LUR framework incorporating satellite remote sensing and air quality model data in Pearl River Delta region, China. <i>Environmental Pollution</i> , 2017 , 226, 143-153	9.3	48
8	Characteristics of the secondary water-soluble ions in a typical autumn haze in Beijing. <i>Environmental Pollution</i> , 2017 , 227, 296-305	9.3	69
7	Attribution of PM _{2.5} exposure in Beijing-Tianjin-Hebei region to emissions: implication to control strategies. <i>Science Bulletin</i> , 2017 , 62, 957-964	10.6	37

6	Air quality improvements and health benefits from China's clean air action since 2013. <i>Environmental Research Letters</i> , 2017 , 12, 114020	6.2	156
5	Chemical composition of ambient PM _{2.5} over China and relationship to precursor emissions during 2005–2012. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 9187-9203	6.8	58
4	Fusing Observational, Satellite Remote Sensing and Air Quality Model Simulated Data to Estimate Spatiotemporal Variations of PM _{2.5} Exposure in China. <i>Remote Sensing</i> , 2017 , 9, 221	5	49
3	Estimating ground-level PM _{2.5} concentrations over three megalopolises in China using satellite-derived aerosol optical depth measurements. <i>Atmospheric Environment</i> , 2016 , 124, 232-242	5.3	128
2	Recent reduction in NO _x emissions over China: synthesis of satellite observations and emission inventories. <i>Environmental Research Letters</i> , 2016 , 11, 114002	6.2	161
1	To what extent can China's near-term air pollution control policy protect air quality and human health? A case study of the Pearl River Delta region. <i>Environmental Research Letters</i> , 2015 , 10, 104006	6.2	46