

# Yilin Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,586  
citations

394286

19  
h-index

345118

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1638  
citing authors

#	ARTICLE	IF	CITATIONS
1	Residential solid fuel emissions contribute significantly to air pollution and associated health impacts in China. <i>Science Advances</i> , 2020, 6, .	4.7	181
2	Urbanization-induced population migration has reduced ambient PM <sub>2.5</sub> concentrations in China. <i>Science Advances</i> , 2017, 3, e1700300.	4.7	161
3	Impacts of air pollutants from rural Chinese households under the rapid residential energy transition. <i>Nature Communications</i> , 2019, 10, 3405.	5.8	158
4	Energy and air pollution benefits of household fuel policies in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16773-16780.	3.3	152
5	Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018, 119, 117-124.	4.8	107
6	Influences of ambient air PM <sub>2.5</sub> concentration and meteorological condition on the indoor PM <sub>2.5</sub> concentrations in a residential apartment in Beijing using a new approach. <i>Environmental Pollution</i> , 2015, 205, 307-314.	3.7	82
7	Global Sulfur Dioxide Emissions and the Driving Forces. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6508-6517.	4.6	82
8	Modeling temporal variations in global residential energy consumption and pollutant emissions. <i>Applied Energy</i> , 2016, 184, 820-829.	5.1	73
9	Exposure and health impact evaluation based on simultaneous measurement of indoor and ambient PM <sub>2.5</sub> in Haidian, Beijing. <i>Environmental Pollution</i> , 2017, 220, 704-712.	3.7	59
10	Substantial transition to clean household energy mix in rural China. <i>National Science Review</i> , 2022, 9, .	4.6	51
11	Temporal and spatial variation of PM <sub>2.5</sub> in indoor air monitored by low-cost sensors. <i>Science of the Total Environment</i> , 2021, 770, 145304.	3.9	50
12	Increased air pollution exposure among the Chinese population during the national quarantine in 2020. <i>Nature Human Behaviour</i> , 2021, 5, 239-246.	6.2	45
13	Novel Method for Ozone Isopleth Construction and Diagnosis for the Ozone Control Strategy of Chinese Cities. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15625-15636.	4.6	39
14	Quantifying source contributions for indoor CO <sub>2</sub> and gas pollutants based on the highly resolved sensor data. <i>Environmental Pollution</i> , 2020, 267, 115493.	3.7	33
15	Intense Warming Will Significantly Increase Cropland Ammonia Volatilization Threatening Food Security and Ecosystem Health. <i>One Earth</i> , 2020, 3, 126-134.	3.6	26
16	Coal Is Dirty, but Where It Is Burned Especially Matters. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7316-7326.	4.6	25
17	Contributions of biomass burning to global and regional SO <sub>2</sub> emissions. <i>Atmospheric Research</i> , 2021, 260, 105709.	1.8	23
18	High-resolution hybrid inversion of IASI ammonia columns to constrain US ammonia emissions using the CMAQ adjoint model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2067-2082.	1.9	22

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19	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13458-13466.	4.6	20
20	Individual and population level protection from particulate matter exposure by wearing facemasks. <i>Environment International</i> , 2021, 146, 106026.	4.8	20
21	Impacts of rural worker migration on ambient air quality and health in China: From the perspective of upgrading residential energy consumption. <i>Environment International</i> , 2018, 113, 290-299.	4.8	19
22	Global Fire Forecasts Using Both Large-Scale Climate Indices and Local Meteorological Parameters. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1129-1145.	1.9	17
23	Synergistic Health Benefits of Household Stove Upgrading and Energy Switching in Rural China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14567-14575.	4.6	17
24	Current and Future Responses of Aerosol pH and Composition in the U.S. to Declining SO <sub>2</sub> Emissions and Increasing NH <sub>3</sub> Emissions. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9646-9655.	4.6	16
25	Effects of International Fuel Trade on Global Sulfur Dioxide Emissions. <i>Environmental Science and Technology Letters</i> , 2019, 6, 727-731.	3.9	15
26	Environmental Inequality Deepened During the COVID-19 in the Developing World. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7-8.	4.6	14
27	Urban residential energy switching in China between 1980 and 2014 prevents 2.2 million premature deaths. <i>One Earth</i> , 2021, 4, 1602-1613.	3.6	14
28	Relaxing Energy Policies Coupled with Climate Change Will Significantly Undermine Efforts to Attain US Ozone Standards. <i>One Earth</i> , 2019, 1, 229-239.	3.6	13
29	Significant contrasts in aerosol acidity between China and the United States. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8341-8356.	1.9	13
30	Field-based evidence of changes in household PM <sub>2.5</sub> and exposure during the 2020 national quarantine in China. <i>Environmental Research Letters</i> , 2021, 16, 094020.	2.2	10
31	The response of streams in the Adirondack region of New York to projected changes in sulfur and nitrogen deposition under changing climate. <i>Science of the Total Environment</i> , 2021, 800, 149626.	3.9	6
32	Characterization of the vertical variation in indoor PM <sub>2.5</sub> in an urban apartment in China. <i>Environmental Pollution</i> , 2022, 308, 119652.	3.7	6
33	Energy policy and coastal water quality: An integrated energy, air and water quality modeling approach. <i>Science of the Total Environment</i> , 2022, 816, 151593.	3.9	4
34	Source contributions and drivers of physiological and psychophysical cobenefits from major air pollution control actions in North China. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2225-2235.	4.6	4
35	Greater Contribution From Agricultural Sources to Future Reactive Nitrogen Deposition in the United States. <i>Earth's Future</i> , 2020, 8, e2019EF001453.	2.4	3
36	High PM <sub>2.5</sub> Emission from Typical Old, Small Fishing Vessels in China. <i>Environmental Science and Technology Letters</i> , 2022, 9, 199-204.	3.9	3

#	ARTICLE	IF	CITATIONS
37	Unexpected Methane Emissions From Old Small Fishing Vessels in China. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0