

# Weiwei Chen

## List of Publications by Year in descending order

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23  
papers

494  
citations

759233

12  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Agricultural Biomass Burning on Regional Haze in China: A Review. <i>Atmosphere</i> , 2017, 8, 88.	2.3	58
2	Landâ€“waterâ€“energy nexus in agricultural management for greenhouse gas mitigation. <i>Applied Energy</i> , 2020, 265, 114796.	10.1	57
3	Local PM10 and PM2.5 emission inventories from agricultural tillage and harvest in northeastern China. <i>Journal of Environmental Sciences</i> , 2017, 57, 15-23.	6.1	48
4	Typical atmospheric haze during crop harvest season in northeastern China: A case in the Changchun region. <i>Journal of Environmental Sciences</i> , 2017, 54, 101-113.	6.1	47
5	A comprehensive inventory of agricultural atmospheric particulate matters (PM10 and PM2.5) and gaseous pollutants (VOCs, SO2, NH3, CO, NOx and HC) emissions in China. <i>Ecological Indicators</i> , 2019, 107, 105609.	6.3	46
6	Regional Characteristics and Causes of Haze Events in Northeast China. <i>Chinese Geographical Science</i> , 2018, 28, 836-850.	3.0	34
7	Does the prohibition on open burning of straw mitigate air pollution? An empirical study in Jilin Province of China in the post-harvest season. <i>Journal of Environmental Management</i> , 2020, 264, 110451.	7.8	31
8	Ecological risk assessment of wetland vegetation under projected climate scenarios in the Sanjiang Plain, China. <i>Journal of Environmental Management</i> , 2020, 273, 111108.	7.8	29
9	Temporal variability of atmospheric particulate matter and chemical composition during a growing season at an agricultural site in northeastern China. <i>Journal of Environmental Sciences</i> , 2015, 38, 133-141.	6.1	22
10	Characteristics and cause analysis of heavy haze in Changchun City in Northeast China. <i>Chinese Geographical Science</i> , 2017, 27, 989-1002.	3.0	21
11	Atmospheric pollution of agriculture-oriented cities in Northeast China: A case in Suihua. <i>Journal of Environmental Sciences</i> , 2020, 97, 85-95.	6.1	20
12	Mitigation Strategies of Air Pollutants for Mechanical Ventilated Livestock and Poultry Housingâ€“A Review. <i>Atmosphere</i> , 2022, 13, 452.	2.3	18
13	Evaluation of Straw Open Burning Prohibition Effect on Provincial Air Quality during October and November 2018 in Jilin Province. <i>Atmosphere</i> , 2019, 10, 375.	2.3	11
14	Spatiotemporal Distribution of Satellite-Retrieved Ground-Level PM2.5 and Near Real-Time Daily Retrieval Algorithm Development in Sichuan Basin, China. <i>Atmosphere</i> , 2018, 9, 78.	2.3	10
15	Comprehensive and high-resolution emission inventory of atmospheric pollutants for the northernmost cities agglomeration of Harbin-Changchun, China: Implications for local atmospheric environment management. <i>Journal of Environmental Sciences</i> , 2021, 104, 150-168.	6.1	10
16	High-resolution inventory of emissions of atmospheric PM10 from agricultural tillage and harvesting operations in China: historical trend, spatio-temporality, and optimization methodology. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 853-865.	3.3	7
17	Temporal Variation and Source Analysis of Carbonaceous Aerosol in Industrial Cities of Northeast China during the Spring Festival: The Case of Changchun. <i>Atmosphere</i> , 2020, 11, 991.	2.3	6
18	Inventory of Atmospheric Pollutant Emissions from Burning of Crop Residues in China Based on Satellite-retrieved Farmland Data. <i>Chinese Geographical Science</i> , 2020, 30, 266-278.	3.0	5

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19	Chemical Composition and Source Apportionment of Wintertime Airborne PM <sub>2.5</sub> in Changchun, Northeastern China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4354.	2.6	5
20	Interprovincial Joint Prevention and Control of Open Straw Burning in Northeast China: Implications for Atmospheric Environment Management. <i>Remote Sensing</i> , 2022, 14, 2528.	4.0	5
21	Effects of Water Regimes on Methane Emissions in Peatland and Gley Marsh. <i>Vadose Zone Journal</i> , 2018, 17, 180017.	2.2	3
22	Temporal Variation and Chemical Components of Rural Ambient PM <sub>2.5</sub> during Main Agricultural Activity Periods in the Black Soil Region of Northeast China. <i>Atmosphere</i> , 2019, 10, 510.	2.3	1
23	Atmospheric Pollution of Agriculture-Dominated Cities. <i>Atmosphere</i> , 2022, 13, 900.	2.3	0