Xin Long

List of Publications by Year
in descending order

32 papers	1,134 citations	361413 20 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	1418 citing authors

#	Article	IF	Citations
1	Widespread and persistent ozone pollution in eastern China during the non-winter season of 2015: observations and source attributions. Atmospheric Chemistry and Physics, 2017, 17, 2759-2774.	4.9	138
2	Effect of heavy haze and aerosol pollution on rice and wheat productions in China. Scientific Reports, 2016, 6, 29612.	3.3	103
3	High Contribution of Secondary Brown Carbon to Aerosol Light Absorption in the Southeastern Margin of Tibetan Plateau. Geophysical Research Letters, 2019, 46, 4962-4970.	4.0	70
4	Impact of crop field burning and mountains on heavy haze in the North China Plain: a case study. Atmospheric Chemistry and Physics, 2016, 16, 9675-9691.	4.9	69
5	Emission Characteristics of Primary Brown Carbon Absorption From Biomass and Coal Burning: Development of an Optical Emission Inventory for China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1879-1893.	3.3	62
6	Impacts of meteorological uncertainties on the haze formation in Beijing–Tianjin–Hebei (BTH) during wintertime: a case study. Atmospheric Chemistry and Physics, 2017, 17, 14579-14591.	4.9	56
7	Microscale spatial distribution and health assessment of PM2.5-bound polycyclic aromatic hydrocarbons (PAHs) at nine communities in Xi'an, China. Environmental Pollution, 2016, 218, 1065-1073.	7.5	55
8	PM2.5 emissions and source profiles from open burning of crop residues. Atmospheric Environment, 2017, 169, 229-237.	4.1	50
9	Impact of Climate Change on Siberian High and Wintertime Air Pollution in China in Past Two Decades. Earth's Future, 2018, 6, 118-133.	6.3	49
10	Primary PM2.5 and trace gas emissions from residential coal combustion: assessing semi-coke briquette for emission reduction in the Beijing-Tianjin-Hebei region, China. Atmospheric Environment, 2018, 191, 378-386.	4.1	46
11	Effect of hydrolysis of N2O5 on nitrate and ammonium formation in Beijing China: WRF-Chem model simulation. Science of the Total Environment, 2017, 579, 221-229.	8.0	44
12	Effect of biomass burning on black carbon (BC) in South Asia and Tibetan Plateau: The analysis of WRF-Chem modeling. Science of the Total Environment, 2018, 645, 901-912.	8.0	38
13	Black carbon aerosol and its radiative impact at a high-altitude remote site on the southeastern Tibet Plateau. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5515-5530.	3.3	36
14	Seasonal variation and four-year trend of black carbon in the Mid-west China: The analysis of the ambient measurement and WRF-Chem modeling. Atmospheric Environment, 2015, 123, 430-439.	4.1	33
15	A multidisciplinary approach to trace Asian dust storms from source to sink. Atmospheric Environment, 2015, 105, 43-52.	4.1	33
16	Efficient Atmospheric Transport of Microplastics over Asia and Adjacent Oceans. Environmental Science & Technology, 2022, 56, 6243-6252.	10.0	33
17	Effect of ship emissions on O3 in the Yangtze River Delta region of China: Analysis of WRF-Chem modeling. Science of the Total Environment, 2019, 683, 360-370.	8.0	32
18	Urban dust in the Guanzhong basin of China, part II: A case study of urban dust pollution using the WRF-Dust model. Science of the Total Environment, 2016, 541, 1614-1624.	8.0	22

#	Article	IF	Citations
19	Urban dust in the Guanzhong Basin of China, part I: A regional distribution of dust sources retrieved using satellite data. Science of the Total Environment, 2016, 541, 1603-1613.	8.0	22
20	Does afforestation deteriorate haze pollution in Beijing–Tianjin–Hebei (BTH), China?. Atmospheric Chemistry and Physics, 2018, 18, 10869-10879.	4.9	22
21	Ozone enhancement due to the photodissociation of nitrous acid in eastern China. Atmospheric Chemistry and Physics, 2019, 19, 11267-11278.	4.9	20
22	WRF-Chem modeling of particulate matter in the Yangtze River Delta region: Source apportionment and its sensitivity to emission changes. PLoS ONE, 2018, 13, e0208944.	2.5	17
23	Effect of ecological restoration programs on dust concentrations in the North China Plain: a case study. Atmospheric Chemistry and Physics, 2018, 18, 6353-6366.	4.9	16
24	Impacts of Himalayas on black carbon over the Tibetan Plateau during summer monsoon. Science of the Total Environment, 2017, 598, 307-318.	8.0	15
25	Elucidating the impacts of rapid urban expansion on air quality in the Yangtze River Delta, China. Science of the Total Environment, 2021, 799, 149426.	8.0	14
26	Simulated Sensitivity of Ozone Generation to Precursors in Beijing during a High O3 Episode. Advances in Atmospheric Sciences, 2021, 38, 1223-1237.	4.3	13
27	Short–Term Weather Patterns Modulate Air Quality in Eastern China During 2015–2016 Winter. Journal of Geophysical Research D: Atmospheres, 2019, 124, 986-1002.	3.3	8
28	Evaluation of WRF-CMAQ simulated climatological mean and extremes of fine particulate matter of the United States and its correlation with climate extremes. Atmospheric Environment, 2020, 222, 117181.	4.1	8
29	A Rapid Model (COV_PSDI) for Winter Wheat Mapping in Fallow Rotation Area Using MODIS NDVI Time-Series Satellite Observations: The Case of the Heilonggang Region. Remote Sensing, 2021, 13, 4870.	4.0	4
30	Surface PM2.5, Satellite Distribution of Atmospheric Optical Depth and Related Effects on Crop Production in China. , 2017, , 479-488.		3
31	Nitrous acid emission from soil bacteria and related environmental effect over the North China Plain. Chemosphere, 2022, 287, 132034.	8.2	3
32	Vegetation index compositing with AVHRR, MODIS and FY3 VIRR. , 2013, , .		0