

Xiao-Bing Li

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

697
citations

566801

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27
all docs

27
docs citations

27
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	The impacts of roadside vegetation barriers on the dispersion of gaseous traffic pollution in urban street canyons. <i>Urban Forestry and Urban Greening</i> , 2016, 17, 80-91.	2.3	87
2	Investigating vertical distribution patterns of lower tropospheric PM _{2.5} using unmanned aerial vehicle measurements. <i>Atmospheric Environment</i> , 2018, 173, 62-71.	1.9	63
3	Regional prediction of ground-level ozone using a hybrid sequence-to-sequence deep learning approach. <i>Journal of Cleaner Production</i> , 2020, 253, 119841.	4.6	59
4	Three-dimensional investigation of ozone pollution in the lower troposphere using an unmanned aerial vehicle platform. <i>Environmental Pollution</i> , 2017, 224, 107-116.	3.7	47
5	Three-dimensional analysis of ozone and PM _{2.5} distributions obtained by observations of tethered balloon and unmanned aerial vehicle in Shanghai, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 1189-1203.	1.9	39
6	Characterizing temporal and vertical distribution patterns of traffic-emitted pollutants near an elevated expressway in urban residential areas. <i>Building and Environment</i> , 2020, 172, 106678.	3.0	37
7	Effects of roadside green infrastructure on particle exposure: A focus on cyclists and pedestrians on pathways between urban roads and vegetative barriers. <i>Atmospheric Pollution Research</i> , 2021, 12, 1-12.	1.8	35
8	Long-term trend of ozone in southern China reveals future mitigation strategy for air pollution. <i>Atmospheric Environment</i> , 2022, 269, 118869.	1.9	34
9	Impacts of vegetation on particle concentrations in roadside environments. <i>Environmental Pollution</i> , 2021, 282, 117067.	3.7	30
10	Evaluation of unmanned aerial system in measuring lower tropospheric ozone and fine aerosol particles using portable monitors. <i>Atmospheric Environment</i> , 2020, 222, 117134.	1.9	26
11	An observation approach in evaluation of ozone production to precursor changes during the COVID-19 lockdown. <i>Atmospheric Environment</i> , 2021, 262, 118618.	1.9	25
12	Vertical and horizontal distributions of traffic-related pollutants beside an urban arterial road based on unmanned aerial vehicle observations. <i>Building and Environment</i> , 2021, 187, 107401.	3.0	24
13	Impacts of wind fields on the distribution patterns of traffic emitted particles in urban residential areas. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 68, 122-136.	3.2	23
14	Development and utilization of hexacopter unmanned aerial vehicle platform to characterize vertical distribution of boundary layer ozone in wintertime. <i>Atmospheric Pollution Research</i> , 2020, 11, 1073-1083.	1.8	21
15	Transport and boundary layer interaction contribution to extremely high surface ozone levels in eastern China. <i>Environmental Pollution</i> , 2021, 268, 115804.	3.7	16
16	The Effect of Nonlocal Vehicle Restriction Policy on Air Quality in Shanghai. <i>Atmosphere</i> , 2018, 9, 299.	1.0	15
17	Vertical Characteristics of Winter Ozone Distribution within the Boundary Layer in Shanghai Based on Hexacopter Unmanned Aerial Vehicle Platform. <i>Sustainability</i> , 2019, 11, 7026.	1.6	15
18	Vertical distributions of boundary-layer ozone and fine aerosol particles during the emission control period of the G20 summit in Shanghai, China. <i>Atmospheric Pollution Research</i> , 2021, 12, 352-364.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Characterizing vertical distribution patterns of PM _{2.5} in low troposphere of Shanghai city, China: Implications from the perspective of unmanned aerial vehicle observations. <i>Atmospheric Environment</i> , 2021, 265, 118724.	1.9	12
20	Investigating the Role of Meteorological Factors in the Vertical Variation in PM _{2.5} by Unmanned Aerial Vehicle Measurement. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1493-1507.	0.9	12
21	Assessing the effects of non-local traffic restriction policy on urban air quality. <i>Transport Policy</i> , 2022, 115, 62-74.	3.4	11
22	Vertical Profiles of Volatile Organic Compounds in Suburban Shanghai. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1177-1187.	1.9	10
23	Impacts of traffic on roadside particle variations in varied temporal scales. <i>Atmospheric Environment</i> , 2021, 253, 118354.	1.9	9
24	Vertical distribution characteristics of particulate matter beside an elevated expressway by unmanned aerial vehicle measurements. <i>Building and Environment</i> , 2021, 206, 108330.	3.0	7
25	Identification of the atmospheric boundary layer structure through vertical distribution of PM _{2.5} obtained by unmanned aerial vehicle measurements. <i>Atmospheric Environment</i> , 2022, 278, 119084.	1.9	7
26	Interannual variations, sources, and health impacts of the springtime ozone in Shanghai. <i>Environmental Pollution</i> , 2022, 306, 119458.	3.7	6