

Li Li

List of Publications by Year in Descending Order

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Version: 2024-04-27

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

64
papers

2,112
citations

23
h-index

45
g-index

85
ext. papers

2,900
ext. citations

6.7
avg, IF

5.13
L-index

#	Paper	IF	Citations
64	COVID-19 Boon or Bane: A case study of Air pollutant transport in the Yangtze River Delta region and its consequent health effects during the COVID-19 lockdown period 2022 , 325-344		
63	Modeling the impacts of land use/land cover change on meteorology and air quality during 2000-2018 in the Yangtze River Delta region, China.. <i>Science of the Total Environment</i> , 2022 , 154669	10.2	0
62	Insights into the significant increase in ozone during COVID-19 in a typical urban city of China. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 4853-4866	6.8	0
61	Impact of reduced anthropogenic emissions on chemical characteristics of urban aerosol by individual particle analysis. <i>Chemosphere</i> , 2022 , 303, 135013	8.4	
60	Measurements of Volatile Organic Compounds During the COVID-19 Lockdown in Changzhou, China.. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095560	4.9	2
59	The Impact of Air Quality on Inbound Tourist Arrivals over China Based on Grey Relational Analysis. <i>Sustainability</i> , 2021 , 13, 10972	3.6	1
58	Assessment of the Effect of the Three-Year Action Plan to Fight Air Pollution on Air Quality and Associated Health Benefits in Sichuan Basin, China. <i>Sustainability</i> , 2021 , 13, 10968	3.6	1
57	Approach to Predicting the Size-Dependent Inhalation Intake of Particulate Novel Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2021 , 55, 15236-15245	10.3	1
56	The impact of biogenic emissions on ozone formation in the Yangtze River Delta region based on MEGANv3.1. <i>Air Quality, Atmosphere and Health</i> , 2021 , 14, 763-774	5.6	1
55	Explicit modeling of isoprene chemical processing in polluted air masses in suburban areas of the Yangtze River Delta region: radical cycling and formation of ozone and formaldehyde. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 5905-5917	6.8	4
54	Anthropogenic emissions of atomic chlorine precursors in the Yangtze River Delta region, China. <i>Science of the Total Environment</i> , 2021 , 771, 144644	10.2	3
53	Secondary Organic Aerosols in PM _{2.5} in Bengbu, a Typical City in Central China: Concentration, Seasonal Variation and Sources. <i>Atmosphere</i> , 2021 , 12, 854	2.7	3
52	Simulation of secondary organic aerosol over the Yangtze River Delta region: The impacts from the emissions of intermediate volatility organic compounds and the SOA modeling framework. <i>Atmospheric Environment</i> , 2021 , 246, 118079	5.3	10
51	A Novel Hybrid Machine Learning Method (OR-ELM-AR) Used in Forecast of PM _{2.5} Concentrations and Its Forecast Performance Evaluation. <i>Atmosphere</i> , 2021 , 12, 78	2.7	3
50	Recommendations on benchmarks for numerical air quality model applications in China [Part 1: PM _{2.5} and chemical species. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 2725-2743	6.8	13
49	Formation mechanism of HCHO pollution in the suburban Yangtze River Delta region, China: A box model study and policy implementations. <i>Atmospheric Environment</i> , 2021 , 267, 118755	5.3	1
48	Hourly measurement of PM-bound nonpolar organic compounds in Shanghai: Characteristics, sources and health risk assessment. <i>Science of the Total Environment</i> , 2021 , 789, 148070	10.2	3

47	Impact of the planetary boundary layer on air quality simulations over the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , 2021 , 263, 118685	5.3	0
46	Assessment of the effects of straw burning bans in China: Emissions, air quality, and health impacts. <i>Science of the Total Environment</i> , 2021 , 789, 147935	10.2	10
45	Strategies towards PM attainment for non-compliant cities in China: A case study. <i>Journal of Environmental Management</i> , 2021 , 298, 113529	7.9	1
44	The casual effects of COVID-19 lockdown on air quality and short-term health impacts in China. <i>Environmental Pollution</i> , 2021 , 290, 117988	9.3	4
43	Spatial Characteristics of PM _{2.5} Pollution among Cities and Policy Implication in the Northern Part of the North China Plain. <i>Atmosphere</i> , 2021 , 12, 77	2.7	4
42	Air quality changes during the COVID-19 lockdown over the Yangtze River Delta Region: An insight into the impact of human activity pattern changes on air pollution variation. <i>Science of the Total Environment</i> , 2020 , 732, 139282	10.2	262
41	Source apportionment of PM _{2.5} in Shanghai based on hourly molecular organic markers and other source tracers 2020 ,		2
40	The silver lining of COVID-19: estimation of short-term health impacts due to lockdown in the Yangtze River Delta region, China. <i>GeoHealth</i> , 2020 , 4, e2020GH000272	5	18
39	The impact of volatile organic compounds on ozone formation in the suburban area of Shanghai. <i>Atmospheric Environment</i> , 2020 , 232, 117511	5.3	32
38	Source apportionment of PM _{2.5} in Shanghai based on hourly organic molecular markers and other source tracers. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 12047-12061	6.8	15
37	An emission inventory for Cl ₂ and HOCl in Shanghai, 2017. <i>Atmospheric Environment</i> , 2020 , 223, 117220	5.3	4
36	Development and evaluation of a scheme system of joint prevention and control of PM _{2.5} pollution in the Yangtze River Delta region, China. <i>Journal of Cleaner Production</i> , 2020 , 275, 122756	10.3	6
35	Hourly measurements of organic molecular markers in urban Shanghai, China: Observation of enhanced formation of secondary organic aerosol during particulate matter episodic periods. <i>Atmospheric Environment</i> , 2020 , 240, 117807	5.3	11
34	Hourly Measurements of Organic Molecular Markers in Urban Shanghai, China: Primary Organic Aerosol Source Identification and Observation of Cooking Aerosol Aging. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 1670-1685	3.2	17
33	Impact of the 13th Five-Year Plan Policy on Air Quality in Pearl River Delta, China: A Case Study of Haizhu District in Guangzhou City Using WRF-Chem. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5276	2.6	5
32	Characteristics and sources of volatile organic compounds (VOCs) in Shanghai during summer: Implications of regional transport. <i>Atmospheric Environment</i> , 2019 , 215, 116902	5.3	48
31	Evaluation of the effect of regional joint-control measures on changing photochemical transformation: a comprehensive study of the optimization scenario analysis. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 9037-9060	6.8	14
30	Enhanced sulfate formation through SO ₂ +NO ₂ heterogeneous reactions during heavy winter haze in the Yangtze River Delta region, China 2019 ,		3

29	Ozone source apportionment over the Yangtze River Delta region, China: Investigation of regional transport, sectoral contributions and seasonal differences. <i>Atmospheric Environment</i> , 2019 , 202, 269-280	5.3	36
28	The influence of spatiality on shipping emissions, air quality and potential human exposure in the Yangtze River Delta/Shanghai, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6167-6183	6.8	50
27	Estimating Secondary Organic Aerosol Production from Toluene Photochemistry in a Megacity of China. <i>Environmental Science & Technology</i> , 2019 , 53, 8664-8671	10.3	21
26	The effects of firework regulation on air quality and public health during the Chinese Spring Festival from 2013 to 2017 in a Chinese megacity. <i>Environment International</i> , 2019 , 126, 96-106	12.9	47
25	Sulfate formation during heavy winter haze events and the potential contribution from heterogeneous SO ₂ + NO _x reactions in the Yangtze River Delta region, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 14311-14328	6.8	19
24	Photochemical Aging of Guaiacol by Fe(III)-Oxalate Complexes in Atmospheric Aqueous Phase. <i>Environmental Science & Technology</i> , 2019 , 53, 127-136	10.3	34
23	Source Apportionment of PM _{2.5} Using Hourly Measurements of Elemental Tracers and Major Constituents in an Urban Environment: Investigation of Time-Resolution Influence. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 5284-5300	4.4	34
22	The characteristics of atmospheric phthalates in Shanghai: A haze case study and human exposure assessment. <i>Atmospheric Environment</i> , 2018 , 178, 80-86	5.3	21
21	Evolution of the spatiotemporal pattern of PM _{2.5} concentrations in China: A case study from the Beijing-Tianjin-Hebei region. <i>Atmospheric Environment</i> , 2018 , 183, 225-233	5.3	121
20	Characteristics and sources of atmospheric volatile organic compounds (VOCs) along the mid-lower Yangtze River in China. <i>Atmospheric Environment</i> , 2018 , 190, 232-240	5.3	35
19	Emission factors of particulate and gaseous compounds from a large cargo vessel operated under real-world conditions. <i>Environmental Pollution</i> , 2018 , 242, 667-674	9.3	32
18	High-resolution modeling of gaseous methylamines over a polluted region in China: source-dependent emissions and implications of spatial variations. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 7933-7950	6.8	25
17	The influence of spatiality on shipping emissions, air quality and potential human exposure in Yangtze River Delta/Shanghai, China 2018 ,		1
16	An Integrated Source Apportionment Methodology and Its Application over the Yangtze River Delta Region, China. <i>Environmental Science & Technology</i> , 2018 , 52, 14216-14227	10.3	26
15	Intermediate Volatility Organic Compound Emissions from a Large Cargo Vessel Operated under Real-World Conditions. <i>Environmental Science & Technology</i> , 2018 , 52, 12934-12942	10.3	34
14	Total Synthesis of Chaetoglobulin A via Catalytic, Atroposelective Oxidative Phenol Coupling. <i>Organic Letters</i> , 2018 , 20, 5554-5558	6.2	23
13	Non-polar organic compounds in autumn and winter aerosols in a typical city of eastern China: size distribution and impact of gas-particle partitioning on PM _{2.5} ; source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 9375-9391	6.8	15
12	Ammonia Emission Measurements for Light-Duty Gasoline Vehicles in China and Implications for Emission Modeling. <i>Environmental Science & Technology</i> , 2018 , 52, 11223-11231	10.3	21

11	Estimation of biogenic VOC emissions and its impact on ozone formation over the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , 2018 , 186, 113-128	5.3	49
10	Evaluation of emission factors for light-duty gasoline vehicles based on chassis dynamometer and tunnel studies in Shanghai, China. <i>Atmospheric Environment</i> , 2017 , 169, 193-203	5.3	29
9	Asymmetric Oxidative Coupling of Phenols and Hydroxycarbazoles. <i>Organic Letters</i> , 2017 , 19, 5505-5508.2		50
8	Volatile organic compounds (VOCs) source profiles of on-road vehicle emissions in China. <i>Science of the Total Environment</i> , 2017 , 607-608, 253-261	10.2	40
7	Ozone pollution in China: A review of concentrations, meteorological influences, chemical precursors, and effects. <i>Science of the Total Environment</i> , 2017 , 575, 1582-1596	10.2	627
6	Chemical characteristics of fine particles and their impact on visibility impairment in Shanghai based on a 1-year period observation. <i>Journal of Environmental Sciences</i> , 2016 , 48, 151-160	6.4	32
5	VOC species and emission inventory from vehicles and their SOA formation potentials estimation in Shanghai, China. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 11081-11096	6.8	54
4	Application of MM5-CAMx-PSAT Modeling Approach for Investigating Emission Source Contribution to Atmospheric SO ₂ Pollution in Tangshan, Northern China. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	8
3	Ozone sensitivity analysis with the MM5-CMAQ modeling system for Shanghai. <i>Journal of Environmental Sciences</i> , 2011 , 23, 1150-7	6.4	25
2	Energy demand and carbon emissions under different development scenarios for Shanghai, China. <i>Energy Policy</i> , 2010 , 38, 4797-4807	7.2	92
1	VOC species and emission inventory from vehicles and their SOA formation potentials estimation in Shanghai, China		9