

# Li Li

## List of Publications by Citations

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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 | Ozone pollution in China: A review of concentrations, meteorological influences, chemical precursors, and effects. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 1582-1596   | 10.2 | 627       |
| 63 | 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> , <b>2020</b> , 732, 139282                        | 10.2 | 262       |
| 62 | Evolution of the spatiotemporal pattern of PM <sub>2.5</sub> concentrations in China [A case study from the Beijing-Tianjin-Hebei region. <i>Atmospheric Environment</i> , <b>2018</b> , 183, 225-233   | 5.3  | 121       |
| 61 | Energy demand and carbon emissions under different development scenarios for Shanghai, China. <i>Energy Policy</i> , <b>2010</b> , 38, 4797-4807  | 7.2  | 92        |
| 60 | VOC species and emission inventory from vehicles and their SOA formation potentials estimation in Shanghai, China. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 11081-11096   | 6.8  | 54        |
| 59 | Asymmetric Oxidative Coupling of Phenols and Hydroxycarbazoles. <i>Organic Letters</i> , <b>2017</b> , 19, 5505-5508  | 6.2  | 50        |
| 58 | 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> , <b>2019</b> , 19, 6167-6183  | 6.8  | 50        |
| 57 | Estimation of biogenic VOC emissions and its impact on ozone formation over the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , <b>2018</b> , 186, 113-128  | 5.3  | 49        |
| 56 | Characteristics and sources of volatile organic compounds (VOCs) in Shanghai during summer: Implications of regional transport. <i>Atmospheric Environment</i> , <b>2019</b> , 215, 116902  | 5.3  | 48        |
| 55 | 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> , <b>2019</b> , 126, 96-106  | 12.9 | 47        |
| 54 | Volatile organic compounds (VOCs) source profiles of on-road vehicle emissions in China. <i>Science of the Total Environment</i> , <b>2017</b> , 607-608, 253-261   | 10.2 | 40        |
| 53 | Ozone source apportionment over the Yangtze River Delta region, China: Investigation of regional transport, sectoral contributions and seasonal differences. <i>Atmospheric Environment</i> , <b>2019</b> , 202, 269-280  | 5.3  | 36        |
| 52 | Characteristics and sources of atmospheric volatile organic compounds (VOCs) along the mid-lower Yangtze River in China. <i>Atmospheric Environment</i> , <b>2018</b> , 190, 232-240  | 5.3  | 35        |
| 51 | Source Apportionment of PM <sub>2.5</sub> 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> , <b>2018</b> , 123, 5284-5300 | 4.4  | 34        |
| 50 | Photochemical Aging of Guaiacol by Fe(III)-Oxalate Complexes in Atmospheric Aqueous Phase. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 127-136  | 10.3 | 34        |
| 49 | Intermediate Volatility Organic Compound Emissions from a Large Cargo Vessel Operated under Real-World Conditions. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 12934-12942  | 10.3 | 34        |
| 48 | The impact of volatile organic compounds on ozone formation in the suburban area of Shanghai. <i>Atmospheric Environment</i> , <b>2020</b> , 232, 117511  | 5.3  | 32        |

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| 47 | Emission factors of particulate and gaseous compounds from a large cargo vessel operated under real-world conditions. <i>Environmental Pollution</i> , <b>2018</b> , 242, 667-674   | 9.3  | 32 |
| 46 | 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> , <b>2016</b> , 48, 151-160   | 6.4  | 32 |
| 45 | Evaluation of emission factors for light-duty gasoline vehicles based on chassis dynamometer and tunnel studies in Shanghai, China. <i>Atmospheric Environment</i> , <b>2017</b> , 169, 193-203   | 5.3  | 29 |
| 44 | An Integrated Source Apportionment Methodology and Its Application over the Yangtze River Delta Region, China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 14216-14227  | 10.3 | 26 |
| 43 | Ozone sensitivity analysis with the MM5-CMAQ modeling system for Shanghai. <i>Journal of Environmental Sciences</i> , <b>2011</b> , 23, 1150-7  | 6.4  | 25 |
| 42 | 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> , <b>2018</b> , 18, 7933-7950   | 6.8  | 25 |
| 41 | Total Synthesis of Chaetoglobulin A via Catalytic, Atroposelective Oxidative Phenol Coupling. <i>Organic Letters</i> , <b>2018</b> , 20, 5554-5558  | 6.2  | 23 |
| 40 | The characteristics of atmospheric phthalates in Shanghai: A haze case study and human exposure assessment. <i>Atmospheric Environment</i> , <b>2018</b> , 178, 80-86   | 5.3  | 21 |
| 39 | Estimating Secondary Organic Aerosol Production from Toluene Photochemistry in a Megacity of China. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 8664-8671   | 10.3 | 21 |
| 38 | Ammonia Emission Measurements for Light-Duty Gasoline Vehicles in China and Implications for Emission Modeling. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11223-11231   | 10.3 | 21 |
| 37 | Sulfate formation during heavy winter haze events and the potential contribution from heterogeneous SO <sub>2</sub> + NO <sub>2</sub> reactions in the Yangtze River Delta region, China. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 14311-14328        | 6.8  | 19 |
| 36 | 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> , <b>2020</b> , 4, e2020GH000272  | 5    | 18 |
| 35 | 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> , <b>2020</b> , 4, 1670-1685                                      | 3.2  | 17 |
| 34 | Source apportionment of PM <sub>2.5</sub> in Shanghai based on hourly organic molecular markers and other source tracers. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 12047-12061  | 6.8  | 15 |
| 33 | 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 <sub>2.5</sub> source apportionment. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 9375-9391 | 6.8  | 15 |
| 32 | 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> , <b>2019</b> , 19, 9037-9060                                 | 6.8  | 14 |
| 31 | Recommendations on benchmarks for numerical air quality model applications in China [Part 1: PM <sub>2.5</sub> and chemical species. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 2725-2743   | 6.8  | 13 |
| 30 | 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> , <b>2020</b> , 240, 117807                          | 5.3  | 11 |

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|----|---|------|----|
| 29 | 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> , <b>2021</b> , 246, 118079           | 5.3  | 10 |
| 28 | Assessment of the effects of straw burning bans in China: Emissions, air quality, and health impacts. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147935   | 10.2 | 10 |
| 27 | VOC species and emission inventory from vehicles and their SOA formation potentials estimation in Shanghai, China   |      | 9  |
| 26 | Application of MM5-CAMx-PSAT Modeling Approach for Investigating Emission Source Contribution to Atmospheric SO <sub>2</sub> Pollution in Tangshan, Northern China. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-12                    | 1.1  | 8  |
| 25 | Development and evaluation of a scheme system of joint prevention and control of PM <sub>2.5</sub> pollution in the Yangtze River Delta region, China. <i>Journal of Cleaner Production</i> , <b>2020</b> , 275, 122756                                       | 10.3 | 6  |
| 24 | 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> , <b>2020</b> , 10, 5276   | 2.6  | 5  |
| 23 | An emission inventory for Cl <sub>2</sub> and HOCl in Shanghai, 2017. <i>Atmospheric Environment</i> , <b>2020</b> , 223, 117220  | 5.3  | 4  |
| 22 | 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> , <b>2021</b> , 21, 5905-5917 | 6.8  | 4  |
| 21 | The casual effects of COVID-19 lockdown on air quality and short-term health impacts in China. <i>Environmental Pollution</i> , <b>2021</b> , 290, 117988   | 9.3  | 4  |
| 20 | Spatial Characteristics of PM <sub>2.5</sub> Pollution among Cities and Policy Implication in the Northern Part of the North China Plain. <i>Atmosphere</i> , <b>2021</b> , 12, 77  | 2.7  | 4  |
| 19 | Enhanced sulfate formation through SO <sub>2</sub> +NO <sub>2</sub> heterogeneous reactions during heavy winter haze in the Yangtze River Delta region, China <b>2019</b> ,   |      | 3  |
| 18 | Anthropogenic emissions of atomic chlorine precursors in the Yangtze River Delta region, China. <i>Science of the Total Environment</i> , <b>2021</b> , 771, 144644   | 10.2 | 3  |
| 17 | Secondary Organic Aerosols in PM <sub>2.5</sub> in Bengbu, a Typical City in Central China: Concentration, Seasonal Variation and Sources. <i>Atmosphere</i> , <b>2021</b> , 12, 854  | 2.7  | 3  |
| 16 | A Novel Hybrid Machine Learning Method (OR-ELM-AR) Used in Forecast of PM <sub>2.5</sub> Concentrations and Its Forecast Performance Evaluation. <i>Atmosphere</i> , <b>2021</b> , 12, 78   | 2.7  | 3  |
| 15 | Hourly measurement of PM-bound nonpolar organic compounds in Shanghai: Characteristics, sources and health risk assessment. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 148070   | 10.2 | 3  |
| 14 | Source apportionment of PM <sub>2.5</sub> in Shanghai based on hourly molecular organic markers and other source tracers <b>2020</b> ,  |      | 2  |
| 13 | Measurements of Volatile Organic Compounds During the COVID-19 Lockdown in Changzhou, China.. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL095560   | 4.9  | 2  |
| 12 | The Impact of Air Quality on Inbound Tourist Arrivals over China Based on Grey Relational Analysis. <i>Sustainability</i> , <b>2021</b> , 13, 10972   | 3.6  | 1  |

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| 11 | 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> , <b>2021</b> , 13, 10968         | 3.6  | 1 |
| 10 | Approach to Predicting the Size-Dependent Inhalation Intake of Particulate Novel Brominated Flame Retardants. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 15236-15245                  | 10.3 | 1 |
| 9  | 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> , <b>2021</b> , 14, 763-774                              | 5.6  | 1 |
| 8  | The influence of spatiality on shipping emissions, air quality and potential human exposure in Yangtze River Delta/Shanghai, China <b>2018</b> ,   |      | 1 |
| 7  | Formation mechanism of HCHO pollution in the suburban Yangtze River Delta region, China: A box model study and policy implementations. <i>Atmospheric Environment</i> , <b>2021</b> , 267, 118755            | 5.3  | 1 |
| 6  | Strategies towards PM attainment for non-compliant cities in China: A case study. <i>Journal of Environmental Management</i> , <b>2021</b> , 298, 113529   | 7.9  | 1 |
| 5  | Impact of the planetary boundary layer on air quality simulations over the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , <b>2021</b> , 263, 118685                                     | 5.3  | 0 |
| 4  | 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> , <b>2022</b> , 154669 | 10.2 | 0 |
| 3  | Insights into the significant increase in ozone during COVID-19 in a typical urban city of China. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 4853-4866                                     | 6.8  | 0 |
| 2  | 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 <b>2022</b> , 325-344                 |      |   |
| 1  | Impact of reduced anthropogenic emissions on chemical characteristics of urban aerosol by individual particle analysis. <i>Chemosphere</i> , <b>2022</b> , 303, 135013                                       | 8.4  |   |