# Jianlin Hu

List of Publications by Year
in descending order

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| 137 papers | 7,685 citations | 44042 48 h-index | 58549 82 g-index |
| 159 all docs | 159 docs citations | 159 times ranked | 6522 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spatial and temporal variations of six criteria air pollutants in 31 provincial capital cities in China during 2013â€“2014. Environment International, 2014, 73, 413-422. | 4.8 | 463 |
| 2 | Relationships between meteorological parameters and criteria air pollutants in three megacities in China. Environmental Research, 2015, 140, 242-254. | 3.7 | 385 |
| 3 | Spatial and temporal variability of PM2.5 and PM10 over the North China Plain and the Yangtze River Delta, China. Atmospheric Environment, 2014, 95, 598-609. | 1.9 | 375 |
| 4 | Associations of Mortality with Long-Term Exposures to Fine and Ultrafine Particles, Species and Sources: Results from the California Teachers Study Cohort. Environmental Health Perspectives, 2015, 123, 549-556. | 2.8 | 325 |
| 5 | One-year simulation of ozone and particulate matter in China using WRF/CMAQ modeling system. Atmospheric Chemistry and Physics, 2016, 16, 10333-10350. | 1.9 | 258 |
| 6 | Responses of PM2.5 and O3 concentrations to changes of meteorology and emissions in China. Science of the Total Environment, 2019, 662, 297-306. | 3.9 | 167 |
| 7 | Puzzling Haze Events in China During the Coronavirus (COVIDâ€19) Shutdown. Geophysical Research Letters, 2020, 47, e2020GL088533. | 1.5 | 165 |
| 8 | Fast sulfate formation from oxidation of SO2 by NO2 and HONO observed in Beijing haze. Nature Communications, 2020, 11, 2844. | 5.8 | 161 |
| 9 | Characterizing multi-pollutant air pollution in China: Comparison of three air quality indices. Environment International, 2015, 84, 17-25. | 4.8 | 160 |
| 10 | Sources of particulate matter in China: Insights from source apportionment studies published in 1987â€“2017. Environment International, 2018, 115, 343-357. | 4.8 | 158 |
| 11 | Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. Environmental Science & Technology, 2017, 51, 9950-9959. | 4.6 | 152 |
| 12 | Source contributions and regional transport of primary particulate matter in China. Environmental Pollution, 2015, 207, 31-42. | 3.7 | 142 |
| 13 | Modeling biogenic and anthropogenic secondary organic aerosol in China. Atmospheric Chemistry and Physics, 2017, 17, 77-92. | 1.9 | 137 |
| 14 | Impact of the Loess Plateau on the atmospheric boundary layer structure and air quality in the North China Plain: A case study. Science of the Total Environment, 2014, 499, 228-237. | 3.9 | 136 |
| 15 | Assessing Contributions of Agricultural and Nonagricultural Emissions to Atmospheric Ammonia in a Chinese Megacity. Environmental Science & Technology, 2019, 53, 1822-1833. | 4.6 | 130 |
| 16 | Source apportionment of PM2.5 in North India using source-oriented air quality models. Environmental Pollution, 2017, 231, 426-436. | 3.7 | 120 |
| 17 | The impact of power generation emissions on ambient PM2.5 pollution and human health in China and India. Environment International, 2018, 121, 250-259. | 4.8 | 111 |
| 18 | Sources and contents of air pollution affecting term low birth weight in Los Angeles County, California, 2001â€“2008. Environmental Research, 2014, 134, 488-495. | 3.7 | 103 |

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|---|---|---|---|
| 19 | Air pollution characteristics and health risks in Henan Province, China. Environmental Research, 2017, 156, 625-634. | 3.7 | 101 |
| 20 | A Statewide Nested Caseâ€“Control Study of Preterm Birth and Air Pollution by Source and Composition: California, 2001â€“2008. Environmental Health Perspectives, 2016, 124, 1479-1486. | 2.8 | 94 |
| 21 | Year-long simulation of gaseous and particulate air pollutants in India. Atmospheric Environment, 2018, 180, 244-255. | 1.9 | 89 |
| 22 | Severe particulate pollution days in China during 2013â€“2018 and the associated typical weather patterns in Beijing-Tianjin-Hebei and the Yangtze River Delta regions. Environmental Pollution, 2019, 248, 74-81. | 3.7 | 89 |
| 23 | Source apportionment of fine particulate matter in China in 2013 using a source-oriented chemical transport model. Science of the Total Environment, 2017, 601-602, 1476-1487. | 3.9 | 86 |
| 24 | Characterization of black carbon-containing fine particles in Beijing during wintertime. Atmospheric Chemistry and Physics, 2019, 19, 447-458. | 1.9 | 84 |
| 25 | Driving Forces of Changes in Air Quality during the COVID-19 Lockdown Period in the Yangtze River Delta Region, China. Environmental Science and Technology Letters, 2020, 7, 779-786. | 3.9 | 83 |
| 26 | Combining Land-Use Regression and Chemical Transport Modeling in a Spatiotemporal Geostatistical Model for Ozone and PM<sub>2.5</sub>. Environmental Science & Technology, 2016, 50, 5111-5118. | 4.6 | 81 |
| 27 | Ozone pollution over China and India: seasonality and sources. Atmospheric Chemistry and Physics, 2020, 20, 4399-4414. | 1.9 | 79 |
| 28 | Source apportionment of PM2.5 for 25 Chinese provincial capitals and municipalities using a source-oriented Community Multiscale Air Quality model. Science of the Total Environment, 2018, 612, 462-471. | 3.9 | 78 |
| 29 | Fine particulate matter constituents and cause-specific mortality in China: A nationwide modelling study. Environment International, 2020, 143, 105927. | 4.8 | 78 |
| 30 | Attribution of Tropospheric Ozone to NO<sub>x</sub> and VOC Emissions: Considering Ozone Formation in the Transition Regime. Environmental Science & Technology, 2019, 53, 1404-1412. | 4.6 | 77 |
| 31 | Source contributions to primary and secondary inorganic particulate matter during a severe wintertime PM2.5 pollution episode in Xi'an, China. Atmospheric Environment, 2014, 97, 182-194. | 1.9 | 76 |
| 32 | Low birth weight and air pollution in California: Which sources and components drive the risk?. Environment International, 2016, 92-93, 471-477. | 4.8 | 74 |
| 33 | Identifying PM<sub>2.5</sub> and PM<sub>0.1</sub> Sources for Epidemiological Studies in California. Environmental Science & Technology, 2014, 48, 4980-4990. | 4.6 | 72 |
| 34 | Metagenomic analysis of bacterial communities and antibiotic resistance genes in the Eriocheir sinensis freshwater aquaculture environment. Chemosphere, 2019, 224, 202-211. | 4.2 | 72 |
| 35 | The Ozoneâ€“Climate Penalty: Past, Present, and Future. Environmental Science & Technology, 2013, 47, 14258-14266. | 4.6 | 69 |
| 36 | Source apportionment of sulfate and nitrate particulate matter in the Eastern United States and effectiveness of emission control programs. Science of the Total Environment, 2014, 490, 171-181. | 3.9 | 67 |

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| 37 | High-Resolution Spatiotemporal Modeling for Ambient PM<sub>2.5</sub> Exposure Assessment in China from 2013 to 2019. Environmental Science & Technology, 2021, 55, 2152-2162. | 4.6 | 67 |
| 38 | Ensemble prediction of air quality using the WRF/CMAQ model system for health effect studies in China. Atmospheric Chemistry and Physics, 2017, 17, 13103-13118. | 1.9 | 64 |
| 39 | Source apportionment of summertime ozone in China using a source-oriented chemical transport model. Atmospheric Environment, 2019, 211, 79-90. | 1.9 | 60 |
| 40 | Evaluation of a seven-year air quality simulation using the Weather Research and Forecasting (WRF)/Community Multiscale Air Quality (CMAQ) models in the eastern United States. Science of the Total Environment, 2014, 473-474, 275-285. | 3.9 | 58 |
| 41 | Current and future emissions of primary pollutants from coal-fired power plants in Shaanxi, China. Science of the Total Environment, 2017, 595, 505-514. | 3.9 | 58 |
| 42 | Source apportionment of secondary organic aerosol in China using a regional source-oriented chemical transport model and two emission inventories. Environmental Pollution, 2018, 237, 756-766. | 3.7 | 57 |
| 43 | Source apportionments of atmospheric volatile organic compounds in Nanjing, China during high ozone pollution season. Chemosphere, 2021, 263, 128025. | 4.2 | 57 |
| 44 | Predicting Primary PM<sub>2.5</sub> and PM<sub>0.1</sub> Trace Composition for Epidemiological Studies in California. Environmental Science & Technology, 2014, 48, 4971-4979. | 4.6 | 56 |
| 45 | First Chemical Characterization of Refractory Black Carbon Aerosols and Associated Coatings over the Tibetan Plateau (4730 m a.s.l). Environmental Science & Technology, 2017, 51, 14072-14082. | 4.6 | 55 |
| 46 | Simulated impacts of direct radiative effects of scattering and absorbing aerosols on surface layer aerosol concentrations in China during a heavily polluted event in February 2014. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5955-5975. | 1.2 | 53 |
| 47 | Impacts of power generation on air quality in Chinaâ€”part I: An overview. Resources, Conservation and Recycling, 2017, 121, 103-114. | 5.3 | 51 |
| 48 | Source contributions and potential reductions to health effects of particulate matter in India. Atmospheric Chemistry and Physics, 2018, 18, 15219-15229. | 1.9 | 51 |
| 49 | Associations between daily outpatient visits for respiratory diseases and ambient fine particulate matter and ozone levels in Shanghai, China. Environmental Pollution, 2018, 240, 754-763. | 3.7 | 51 |
| 50 | Investigating the PM2.5 mass concentration growth processes during 2013â€“2016 in Beijing and Shanghai. Chemosphere, 2019, 221, 452-463. | 4.2 | 50 |
| 51 | Sensitivity analysis of the surface ozone and fine particulate matter to meteorological parameters in China. Atmospheric Chemistry and Physics, 2020, 20, 13455-13466. | 1.9 | 49 |
| 52 | Quantifying the impacts of inter-city transport on air quality in the Yangtze River Delta urban agglomeration, China: Implications for regional cooperative controls of PM2.5 and O3. Science of the Total Environment, 2021, 779, 146619. | 3.9 | 48 |
| 53 | Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. Atmospheric Chemistry and Physics, 2019, 19, 5791-5803. | 1.9 | 47 |
| 54 | Modeling atmospheric transport and fate of ammonia in North Carolinaâ€”Part II: Effect of ammonia emissions on fine particulate matter formation. Atmospheric Environment, 2008, 42, 3437-3451. | 1.9 | 45 |

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| 55 | Climate impact on airborne particulate matter concentrations in California using seven year analysis periods. Atmospheric Chemistry and Physics, 2010, 10, 11097-11114. | 1.9 | 45 |
| 56 | Relationships between greenness and low birth weight: Investigating the interaction and mediation effects of air pollution.. Environmental Research, 2019, 175, 124-132. | 3.7 | 45 |
| 57 | Sources and health risks of ambient polycyclic aromatic hydrocarbons in China. Science of the Total Environment, 2020, 698, 134229. | 3.9 | 45 |
| 58 | Particulate air quality model predictions using prognostic vs. diagnostic meteorology in central California. Atmospheric Environment, 2010, 44, 215-226. | 1.9 | 43 |
| 59 | Estimating ground level PM2.5 concentrations and associated health risk in India using satellite based AOD and WRF predicted meteorological parameters. Chemosphere, 2020, 255, 126969. | 4.2 | 42 |
| 60 | Impacts of Regional Transport on Particulate Matter Pollution in China: a Review of Methods and Results. Current Pollution Reports, 2017, 3, 182-191. | 3.1 | 41 |
| 61 | Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part I. Base case model results. Science of the Total Environment, 2015, 532, 831-839. | 3.9 | 40 |
| 62 | Characterization of Fine Particulate Matter and Associated Health Burden in Nanjing. International Journal of Environmental Research and Public Health, 2018, 15, 602. | 1.2 | 40 |
| 63 | Associations of daily mortality with short-term exposure to PM2.5 and its constituents in Shanghai, China. Chemosphere, 2019, 233, 879-887. | 4.2 | 40 |
| 64 | Double high pollution events in the Yangtze River Delta from 2015 to 2019: Characteristics, trends, and meteorological situations. Science of the Total Environment, 2021, 792, 148349. | 3.9 | 39 |
| 65 | Simulation of summer ozone and its sensitivity to emission changes in China. Atmospheric Pollution Research, 2019, 10, 1543-1552. | 1.8 | 38 |
| 66 | Improve regional distribution and source apportionment of PM2.5 trace elements in China using inventory-observation constrained emission factors. Science of the Total Environment, 2018, 624, 355-365. | 3.9 | 37 |
| 67 | Persistent high PM2.5 pollution driven by unfavorable meteorological conditions during the COVID-19 lockdown period in the Beijing-Tianjin-Hebei region, China. Environmental Research, 2021, 198, 111186. | 3.7 | 36 |
| 68 | Impacts of power generation on air quality in Chinaâ€”Part II: Future scenarios. Resources, Conservation and Recycling, 2017, 121, 115-127. | 5.3 | 34 |
| 69 | Modelling secondary organic aerosols in China. National Science Review, 2017, 4, 806-809. | 4.6 | 33 |
| 70 | Regional sources of airborne ultrafine particle number and mass concentrations in California. Atmospheric Chemistry and Physics, 2019, 19, 14677-14702. | 1.9 | 32 |
| 71 | Mobile Source and Livestock Feed Contributions to Regional Ozone Formation in Central California. Environmental Science & Technology, 2012, 46, 2781-2789. | 4.6 | 31 |
| 72 | Modelling air quality during the EXPLORE-YRD campaign â€“ Part I. Model performance evaluation and impacts of meteorological inputs and grid resolutions. Atmospheric Environment, 2021, 246, 118131. | 1.9 | 31 |

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|---|---|---|---|
| 73 | Modelling air quality during the EXPLORE-YRD campaign â€“ Part II. Regional source apportionment of ozone and PM2.5. Atmospheric Environment, 2021, 247, 118063. | 1.9 | 30 |
| 74 | Spatial and temporal variations in criteria air pollutants in three typical terrain regions in Shaanxi, China, during 2015. Air Quality, Atmosphere and Health, 2018, 11, 95-109. | 1.5 | 29 |
| 75 | Health risk associated with potential source regions of PM2.5 in Indian cities. Air Quality, Atmosphere and Health, 2019, 12, 327-340. | 1.5 | 29 |
| 76 | Health Burden and economic impacts attributed to PM2.5 and O3 in china from 2010 to 2050 under different representative concentration pathway scenarios. Resources, Conservation and Recycling, 2021, 173, 105731. | 5.3 | 28 |
| 77 | PM2.5 and O3 relationships affected by the atmospheric oxidizing capacity in the Yangtze River Delta, China. Science of the Total Environment, 2022, 810, 152268. | 3.9 | 28 |
| 78 | Influence of regional development policies and clean technology adoption on future air pollution exposure. Atmospheric Environment, 2010, 44, 552-562. | 1.9 | 26 |
| 79 | Long-term particulate matter modeling for health effect studies in California â€“ Part 2: Concentrations and sources of ultrafine organic aerosols. Atmospheric Chemistry and Physics, 2017, 17, 5379-5391. | 1.9 | 26 |
| 80 | Modeling particulate nitrate in China: Current findings and future directions. Environment International, 2022, 166, 107369. | 4.8 | 26 |
| 81 | An IBBCEAS system for atmospheric measurements of glyoxal and methylglyoxal in the presence of high NO<sub>2</sub> concentrations. Atmospheric Measurement Techniques, 2019, 12, 4439-4453. | 1.2 | 25 |
| 82 | Impacts of model resolution on predictions of air quality and associated health exposure in Nanjing, China. Chemosphere, 2020, 249, 126515. | 4.2 | 23 |
| 83 | Effects of using different exposure data to estimate changes in premature mortality attributable to PM2.5 and O3 in China. Environmental Pollution, 2021, 285, 117242. | 3.7 | 23 |
| 84 | Estimating 2013â€“2019 NO2 exposure with high spatiotemporal resolution in China using an ensemble model. Environmental Pollution, 2022, 292, 118285. | 3.7 | 22 |
| 85 | Resolving the interactions between population density and air pollution emissions controls in the San Joaquin Valley, USA. Journal of the Air and Waste Management Association, 2012, 62, 566-575. | 0.9 | 21 |
| 86 | Source contributions to poor atmospheric visibility in China. Resources, Conservation and Recycling, 2019, 143, 167-177. | 5.3 | 21 |
| 87 | Measurement of aerosol optical properties and their potential source origin in urban Beijing from 2013-2017. Atmospheric Environment, 2019, 206, 293-302. | 1.9 | 21 |
| 88 | Adverse Reproductive Health Outcomes and Exposure to Gaseous and Particulate-Matter Air Pollution in Pregnant Women. Research Report (health Effects Institute), 2016, 2016, 1-58. | 1.6 | 21 |
| 89 | Investigation of relationships between meteorological conditions and high PM10 pollution in a megacity in the western Yangtze River Delta, China. Air Quality, Atmosphere and Health, 2017, 10, 713-724. | 1.5 | 20 |
| 90 | Diagnostic analysis of regional ozone pollution in Yangtze River Delta, China: A case study in summer 2020. Science of the Total Environment, 2022, 812, 151511. | 3.9 | 20 |

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| 91 | Evaluation of particulate matter deposition in the human respiratory tract during winter in Nanjing using size and chemically resolved ambient measurements. Air Quality, Atmosphere and Health, 2019, 12, 529-538. | 1.5 | 19 |
| 92 | Evaluation of regional transport of PM2.5 during severe atmospheric pollution episodes in the western Yangtze River Delta, China. Journal of Environmental Management, 2021, 293, 112827. | 3.8 | 19 |
| 93 | Projected air quality and health benefits from future policy interventions in India. Resources, Conservation and Recycling, 2019, 142, 232-244. | 5.3 | 18 |
| 94 | Sensitive Detection of Ambient Formaldehyde by Incoherent Broadband Cavity Enhanced Absorption Spectroscopy. Analytical Chemistry, 2020, 92, 2697-2705. | 3.2 | 18 |
| 95 | Spatial-temporal variations and source contributions to forest ozone exposure in China. Science of the Total Environment, 2019, 674, 189-199. | 3.9 | 17 |
| 96 | Using Chemical Transport Model Predictions To Improve Exposure Assessment of PM<sub>2.5</sub> Constituents. Environmental Science and Technology Letters, 2019, 6, 456-461. | 3.9 | 16 |
| 97 | Measurement of gaseous and particulate formaldehyde in the Yangtze River Delta, China. Atmospheric Environment, 2020, 224, 117114. | 1.9 | 16 |
| 98 | Impacts of water partitioning and polarity of organic compounds on secondary organic aerosol over eastern China. Atmospheric Chemistry and Physics, 2020, 20, 7291-7306. | 1.9 | 16 |
| 99 | Long-term health impact of PM2.5 under whole-year COVID-19 lockdown in China. Environmental Pollution, 2021, 290, 118118. | 3.7 | 16 |
| 100 | Process-based and observation-constrained SOA simulations in China: the role of semivolatile and intermediate-volatility organic compounds and OH levels. Atmospheric Chemistry and Physics, 2021, 21, 16183-16201. | 1.9 | 15 |
| 101 | Influence of transboundary air pollution and meteorology on air quality in three major cities of Anhui Province, China. Journal of Cleaner Production, 2021, 329, 129641. | 4.6 | 15 |
| 102 | Short-term exposure to fine particulate matter constituents and mortality: case-crossover evidence from 32 counties in China. Science China Life Sciences, 2022, 65, 2527-2538. | 2.3 | 15 |
| 103 | Strategies to reduce PM2.5 and O3 together during late summer and early fall in San Joaquin Valley, California. Atmospheric Research, 2021, 258, 105633. | 1.8 | 14 |
| 104 | Significant reduction in atmospheric organic and elemental carbon in PM2.5 in 2+26 cities in northern China. Environmental Research, 2022, 211, 113055. | 3.7 | 14 |
| 105 | Twelve-Year Trends of PM10and Visibility in the Hefei Metropolitan Area of China. Advances in Meteorology, 2016, 2016, 1-9. | 0.6 | 13 |
| 106 | Impacts of chlorine chemistry and anthropogenic emissions on secondary pollutants in the Yangtze river delta region. Environmental Pollution, 2021, 287, 117624. | 3.7 | 13 |
| 107 | PM2.5 constituents and mortality from a spectrum of causes in Guangzhou, China. Ecotoxicology and Environmental Safety, 2021, 222, 112498. | 2.9 | 13 |
| 108 | Coordinated health effects attributable to particulate matter and other pollutants exposures in the North China Plain. Environmental Research, 2022, 208, 112671. | 3.7 | 13 |

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| 109 | Carbon dioxide mitigation co-benefit analysis of energy-related measures in the Air Pollution Prevention and Control Action Plan in the Jing-Jin-Ji region of China. Resources Conservation & Recycling X, 2019, 1, 100006. | 4.2 | 12 |
| 110 | Chemical and Optical Properties of Atmospheric Aerosols during the Polluted Periods in a Megacity in the Yangtze River Delta, China. Aerosol and Air Quality Research, 2019, 19, 103-117. | 0.9 | 12 |
| 111 | Modeling Atmospheric Age Distribution of Elemental Carbon Using a Regional Age-Resolved Particle Representation Framework. Environmental Science & Technology, 2019, 53, 270-278. | 4.6 | 11 |
| 112 | Meteorological Impact on Winter PM<sub>2.5</sub> Pollution in Delhi: Present and Future Projection Under a Warming Climate. Geophysical Research Letters, 2021, 48, e2021GL093722. | 1.5 | 11 |
| 113 | Estimation of secondary PM<sub>2.5</sub> in China and the United States using a multi-tracer approach. Atmospheric Chemistry and Physics, 2022, 22, 5495-5514. | 1.9 | 11 |
| 114 | Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part II. Emission sector and source region contributions. Science of the Total Environment, 2015, 532, 840-848. | 3.9 | 10 |
| 115 | Premature Mortality Associated with Exposure to Outdoor Black Carbon and Its Source Contributions in China. Resources, Conservation and Recycling, 2021, 170, 105620. | 5.3 | 10 |
| 116 | Evaluation of Long-Term Modeling Fine Particulate Matter and Ozone in China During 2013â€“2019. Frontiers in Environmental Science, 2022, 10, . | 1.5 | 10 |
| 117 | Chemical Characterization of Two Seasonal PM2.5 Samples in Nanjing and Its Toxicological Properties in Three Human Cell Lines. Environments - MDPI, 2019, 6, 42. | 1.5 | 9 |
| 118 | Recent Progress in Impacts of Mixing State on Optical Properties of Black Carbon Aerosol. Current Pollution Reports, 2020, 6, 380-398. | 3.1 | 9 |
| 119 | Health and economic losses attributable to PM2.5 and ozone exposure in Handan, China. Air Quality, Atmosphere and Health, 2021, 14, 605-615. | 1.5 | 9 |
| 120 | High spatial resolution land-use regression model for urban ultrafine particle exposure assessment in Shanghai, China. Science of the Total Environment, 2022, 816, 151633. | 3.9 | 8 |
| 121 | Atmospheric Age Distribution of Primary and Secondary Inorganic Aerosols in a Polluted Atmosphere. Environmental Science & Technology, 2021, 55, 5668-5676. | 4.6 | 7 |
| 122 | Assessing short-term impacts of PM2.5 constituents on cardiorespiratory hospitalizations: Multi-city evidence from China. International Journal of Hygiene and Environmental Health, 2022, 240, 113912. | 2.1 | 7 |
| 123 | Impacts of emissions along the lower Yangtze River on air quality and public health in the Yangtze River delta, China. Atmospheric Pollution Research, 2022, 13, 101420. | 1.8 | 7 |
| 124 | Development of high-resolution spatio-temporal models for ambient air pollution in a metropolitan area of China from 2013 to 2019. Chemosphere, 2022, 291, 132918. | 4.2 | 6 |
| 125 | Airborne particle number concentrations in China: A critical review. Environmental Pollution, 2022, 307, 119470. | 3.7 | 6 |
| 126 | Integrated process analysis retrieval of changes in ground-level ozone and fine particulate matter during the COVID-19 outbreak in the coastal city of Kannur, India. Environmental Pollution, 2022, 307, 119468. | 3.7 | 6 |

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| 127 | Temporal variation of PM2.5-associated health effects in Shijiazhuang, Hebei. Frontiers of Environmental Science and Engineering, 2021, 15, 1. | 3.3 | 5 |
| 128 | Evaluation of a highly condensed SAPRC chemical mechanism and two emission inventories for ozone source apportionment and emission control strategy assessments in China. Science of the Total Environment, 2022, 813, 151922. | 3.9 | 5 |
| 129 | Contribution of biogenic sources to secondary organic aerosol in the summertime in Shaanxi, China. Chemosphere, 2020, 254, 126815. | 4.2 | 4 |
| 130 | Ageâ€Resolved Source and Region Contributions to Fine Particulate Matter During an Extreme Haze Episode in China. Geophysical Research Letters, 2021, 48, . | 1.5 | 4 |
| 131 | Assessment of Sectoral NO<sub>x</sub> Emission Reductions During COVIDâ€19 Lockdown Using Combined Satellite and Surface Observations and Sourceâ€Oriented Model Simulations. Geophysical Research Letters, 2022, 49, . | 1.5 | 4 |
| 132 | Analysis of coordinated relationship between PM<sub>2.5</sub> and ozone and its affecting factors on different timescales. Chinese Science Bulletin, 2022, 67, 2018-2028. | 0.4 | 3 |
| 133 | Spatial and Temporal Variations in the Atmospheric Age Distribution of Primary and Secondary Inorganic Aerosols in China. Engineering, 2023, 28, 117-129. | 3.2 | 2 |
| 134 | Assessing the Impacts of Climate Change on Meteorology and Air Stagnation in China Using a Dynamical Downscaling Method. Frontiers in Environmental Science, 2022, 10, . | 1.5 | 1 |
| 135 | Estimating 2005-2019 NO2 Exposure with High Spatiotemporal Resolution in China Using an Ensemble Model. ISEE Conference Abstracts, 2021, 2021, . | 0.0 | 0 |
| 136 | Size Distributions and Seasonal Variations of Water-Soluble Inorganic Particulate Matter at a Suburban Site in Nanjing, China. Journal of Hazardous, Toxic, and Radioactive Waste, 2021, 25, . | 1.2 | 0 |
| 137 | Exploring a more reasonable temperature exposure calculation method based on individual exposure survey and city-scale heat exposure impact assessment. Environmental Research, 2022, 212, 113317. | 3.7 | 0 |