# Yinchang Feng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9600182/publications.pdf

Version: 2024-02-01

| 145 | 5,489 | 94381 | 102432 |
|---|---|---|---|
| papers | citations | 37 h-index | 66 g-index |

| 148 | 148 | 148 | 4983 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Impacts of meteorology and precursor emission change on O3 variation in Tianjin, China from 2015 to 2021. Journal of Environmental Sciences, 2023, 126, 506-516. | 3.2 | 32 |
| 2 | Multiply improved positive matrix factorization for source apportionment of volatile organic compounds during the COVID-19 shutdown in Tianjin, China. Environment International, 2022, 158, 106979. | 4.8 | 31 |
| 3 | Revealing Drivers of Haze Pollution by Explainable Machine Learning. Environmental Science and Technology Letters, 2022, 9, 112-119. | 3.9 | 65 |
| 4 | Machine learning and theoretical analysis release the non-linear relationship among ozone, secondary organic aerosol and volatile organic compounds. Journal of Environmental Sciences, 2022, 114, 75-84. | 3.2 | 12 |
| 5 | Potential Risks of PM2.5-Bound Polycyclic Aromatic Hydrocarbons and Heavy Metals from Inland and Marine Directions for a Marine Background Site in North China. Toxics, 2022, 10, 32. | 1.6 | 6 |
| 6 | Source apportionment of particle number concentrations: A global review. Science of the Total Environment, 2022, 819, 153104. | 3.9 | 25 |
| 7 | Exploring the Sensitivity of Visibility to PM2.5 Mass Concentration and Relative Humidity for Different Aerosol Types. Atmosphere, 2022, 13, 471. | 1.0 | 3 |
| 8 | Impact of sand and dust storms on the atmospheric environment and its source in Tianjin-China. Science of the Total Environment, 2022, 825, 153980. | 3.9 | 20 |
| 9 | Improved positive matrix factorization for source apportionment of volatile organic compounds in vehicular emissions during the Spring Festival in Tianjin, China. Environmental Pollution, 2022, 303, 119122. | 3.7 | 15 |
| 10 | Machine learning combined with the PMF model reveal the synergistic effects of sources and meteorological factors on PM2.5 pollution. Environmental Research, 2022, 212, 113322. | 3.7 | 28 |
| 11 | Sources and uncertainties of health risks for PM2.5-bound heavy metals based on synchronous online and offline filter-based measurements in a Chinese megacity. Environment International, 2022, 164, 107236. | 4.8 | 9 |
| 12 | Evaluating the performance of chemical transport models for PM2.5 source apportionment: An integrated application of spectral analysis and grey incidence analysis. Science of the Total Environment, 2022, 837, 155781. | 3.9 | 3 |
| 13 | Implications for ozone control by understanding the survivor bias in observed ozone-volatile organic compounds system. Npj Climate and Atmospheric Science, 2022, 5, . | 2.6 | 21 |
| 14 | Seasonal variation of dissolved bioaccessibility for potentially toxic elements in size-resolved PM: Impacts of bioaccessibility on inhalable risk and uncertainty. Environmental Pollution, 2022, 307, 119551. | 3.7 | 7 |
| 15 | Global review of source apportionment of volatile organic compounds based on highly time-resolved data from 2015 to 2021. Environment International, 2022, 165, 107330. | 4.8 | 24 |
| 16 | Seasonal variation and source apportionment of inorganic and organic components in PM2.5: influence of organic markers application on PMF source apportionment. Environmental Science and Pollution Research, 2022, 29, 79002-79015. | 2.7 | 1 |
| 17 | Targeting Atmospheric Oxidants Can Better Reduce Sulfate Aerosol in China: H<sub>2</sub>O<sub>2</sub> Aqueous Oxidation Pathway Dominates Sulfate Formation in Haze. Environmental Science & Technology, 2022, 56, 10608-10618. | 4.6 | 23 |
| 18 | Dramatic changes in atmospheric pollution source contributions for a coastal megacity in northern China from 2011 to 2020. Atmospheric Chemistry and Physics, 2022, 22, 8597-8615. | 1.9 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Diesel vehicle emission accounts for the dominate NO source to atmospheric particulate nitrate in a coastal city: Insights from nitrate dual isotopes of PM2.5. Atmospheric Research, 2022, 278, 106328. | 1.8 | 6 |
| 20 | Chemical characteristics and sources of ambient PM2.5 in a harbor area: Quantification of health risks to workers from source-specific selected toxic elements. Environmental Pollution, 2021, 268, 115926. | 3.7 | 16 |
| 21 | Chemical characterization and source apportionment of PM1 and PM2.5 in Tianjin, China: Impacts of biomass burning and primary biogenic sources. Journal of Environmental Sciences, 2021, 99, 196-209. | 3.2 | 49 |
| 22 | Source apportionment of PM2.5 using online and offline measurements of chemical components in Tianjin, China. Atmospheric Environment, 2021, 244, 117942. | 1.9 | 16 |
| 23 | Size and chemical characteristics of particles emitted from typical rural biomass cookstoves in North China. Atmospheric Research, 2021, 249, 105295. | 1.8 | 10 |
| 24 | Air humidity affects secondary aerosol formation in different pathways. Science of the Total Environment, 2021, 759, 143540. | 3.9 | 39 |
| 25 | Source-specific risks of synchronous heavy metals and PAHs in inhalable particles at different pollution levels: Variations and health risks during heavy pollution. Environment International, 2021, 146, 106162. | 4.8 | 31 |
| 26 | Review of online source apportionment research based on observation for ambient particulate matter. Science of the Total Environment, 2021, 762, 144095. | 3.9 | 21 |
| 27 | Size distributions of source-specific risks of atmospheric heavy metals: An advanced method to quantify source contributions to size-segregated respiratory exposure. Journal of Hazardous Materials, 2021, 407, 124355. | 6.5 | 16 |
| 28 | Changes in source contributions to particle number concentrations after the COVID-19 outbreak: Insights from a dispersion normalized PMF. Science of the Total Environment, 2021, 759, 143548. | 3.9 | 39 |
| 29 | Primary Carbonaceous Particle Emission from Four Power Plants with Ultralow Emission in China. ACS Omega, 2021, 6, 1309-1315. | 1.6 | 5 |
| 30 | Uncovering temporal-spatial drivers of vehicular NOx emissions in China. Journal of Cleaner Production, 2021, 288, 125635. | 4.6 | 7 |
| 31 | Size Distribution of Ambient Particulate Matter and Its Constituent Chemical Species Involving Saccharides During Early Summer in a Chinese Megacity. Frontiers in Environmental Science, 2021, 9, . | 1.5 | 2 |
| 32 | Health risks of inhaled selected toxic elements during the haze episodes in Shijiazhuang, China: Insight into critical risk sources. Environmental Pollution, 2021, 276, 116664. | 3.7 | 10 |
| 33 | Spring Festival and COVIDâ€19 Lockdown: Disentangling PM Sources in Major Chinese Cities. Geophysical Research Letters, 2021, 48, e2021GL093403. | 1.5 | 40 |
| 34 | Source-specific health risk assessment of PM2.5-bound heavy metals based on high time-resolved measurement in a Chinese megacity: insights into seasonal and diurnal variations. Ecotoxicology and Environmental Safety, 2021, 216, 112167. | 2.9 | 37 |
| 35 | Source apportionment of PM2.5 during different haze episodes by PMF and random forest method based on hourly measured atmospheric pollutant. Environmental Science and Pollution Research, 2021, 28, 66978-66989. | 2.7 | 5 |
| 36 | Organic compound source profiles of PM2.5 from traffic emissions, coal combustion, industrial processes and dust. Chemosphere, 2021, 278, 130429. | 4.2 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Potential health risks of inhaled toxic elements and risk sources during different COVID-19 lockdown stages in Linfen, China. Environmental Pollution, 2021, 284, 117454. | 3.7 | 5 |
| 38 | Responses in PM2.5 and its chemical components to typical unfavorable meteorological events in the suburban area of Tianjin, China. Science of the Total Environment, 2021, 788, 147814. | 3.9 | 10 |
| 39 | Nonlinear response of SIA to emission changes and chemical processes over eastern and central China during a heavy haze month. Science of the Total Environment, 2021, 788, 147747. | 3.9 | 8 |
| 40 | Optimized approach for developing soil fugitive dust emission inventory in "2+26" Chinese cities. Environmental Pollution, 2021, 285, 117521. | 3.7 | 6 |
| 41 | Haze episodes before and during the COVID-19 shutdown in Tianjin, China: Contribution of fireworks and residential burning. Environmental Pollution, 2021, 286, 117252. | 3.7 | 25 |
| 42 | An estimation method for regional transport contributions from emission sources based on a high-mountain site: a case study in Zhumadian, China. Atmospheric Environment, 2021, 263, 118664. | 1.9 | 3 |
| 43 | Estimating uncertainties of source contributions to PM2.5 using moving window evolving dispersion normalized PMF. Environmental Pollution, 2021, 286, 117576. | 3.7 | 23 |
| 44 | Application of the high spatiotemporal resolution soil fugitive dust emission inventory compilation method based on CAMx model. Atmospheric Research, 2021, 262, 105770. | 1.8 | 6 |
| 45 | Sizeâ”resolved source apportionment of particulate matter from a megacity in northern China based on one-year measurement of inorganic and organic components. Environmental Pollution, 2021, 289, 117932. | 3.7 | 10 |
| 46 | Size distribution and chemical characteristics of particles from crop residue open burning in North China. Journal of Environmental Sciences, 2021, 109, 66-76. | 3.2 | 7 |
| 47 | Impact of meteorological condition changes on air quality and particulate chemical composition during the COVID-19 lockdown. Journal of Environmental Sciences, 2021, 109, 45-56. | 3.2 | 20 |
| 48 | Application and validation of the fugitive dust source emission inventory compilation method in Xiong'an New Area, China. Science of the Total Environment, 2021, 798, 149114. | 3.9 | 10 |
| 49 | Measurement report: Spatiotemporal and policy-related variations of PM<sub>2.5</sub> composition and sources during 2015â€“2019 at multiple sites in a Chinese megacity. Atmospheric Chemistry and Physics, 2021, 21, 16219-16235. | 1.9 | 13 |
| 50 | The Characteristics of Heavy Ozone Pollution Episodes and Identification of the Primary Driving Factors Using a Generalized Additive Model (GAM) in an Industrial Megacity of Northern China. Atmosphere, 2021, 12, 1517. | 1.0 | 2 |
| 51 | Impact of Formation Pathways on Secondary Inorganic Aerosol During Haze Pollution in Beijing: Quantitative Evidence From Highâ€Resolution Observation and Modeling. Geophysical Research Letters, 2021, 48, . | 1.5 | 9 |
| 52 | A refined source apportionment study of atmospheric PM2.5 during winter heating period in Shijiazhuang, China, using a receptor model coupled with a source-oriented model. Atmospheric Environment, 2020, 222, 117157. | 1.9 | 43 |
| 53 | Source directional apportionment of ambient PM2.5 in urban and industrial sites at a megacity in China. Atmospheric Research, 2020, 235, 104764. | 1.8 | 21 |
| 54 | Dispersion Normalized PMF Provides Insights into the Significant Changes in Source Contributions to PM<sub>2.5</sub> after the COVID-19 Outbreak. Environmental Science & Technology, 2020, 54, 9917-9927. | 4.6 | 126 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Using High-Temporal-Resolution Ambient Data to Investigate Gas-Particle Partitioning of Ammonium over Different Seasons. Environmental Science & Technology, 2020, 54, 9834-9843. | 4.6 | 10 |
| 56 | Roles of RH, aerosol pH and sources in concentrations of secondary inorganic aerosols, during different pollution periods. Atmospheric Environment, 2020, 241, 117770. | 1.9 | 21 |
| 57 | Improving apportionment of PM2.5 using multisite PMF by constraining G-values with a prioriinformation. Science of the Total Environment, 2020, 736, 139657. | 3.9 | 21 |
| 58 | Multi-scale volatile organic compound (VOC) source apportionment in Tianjin, China, using a receptor model coupled with 1-hr resolution data. Environmental Pollution, 2020, 265, 115023. | 3.7 | 35 |
| 59 | Global review of recent source apportionments for airborne particulate matter. Science of the Total Environment, 2020, 740, 140091. | 3.9 | 167 |
| 60 | PM2.5 source apportionment during severe haze episodes in a Chinese megacity based on a 5-month period by using hourly species measurements: Explore how to better conduct PMF during haze episodes. Atmospheric Environment, 2020, 224, 117364. | 1.9 | 41 |
| 61 | Chemical characteristics and source apportionment of PM2.5 using PMF modelling coupled with 1-hr resolution online air pollutant dataset for Linfen, China. Environmental Pollution, 2020, 263, 114532. | 3.7 | 35 |
| 62 | Source apportionment for online dataset at a megacity in China using a new PTT-PMF model. Atmospheric Environment, 2020, 229, 117457. | 1.9 | 16 |
| 63 | Characterization and Spatial Source Apportionments of Ambient PM10 and PM2.5 during the Heating Period in Tianâ€™jin, China. Aerosol and Air Quality Research, 2020, 20, 1-13. | 0.9 | 30 |
| 64 | Aerosols in an arid environment: The role of aerosol water content, particulate acidity, precursors, and relative humidity on secondary inorganic aerosols. Science of the Total Environment, 2019, 646, 564-572. | 3.9 | 46 |
| 65 | Aerosol pH Dynamics During Haze Periods in an Urban Environment in China: Use of Detailed, Hourly, Speciated Observations to Study the Role of Ammonia Availability and Secondary Aerosol Formation and Urban Environment. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9730-9742. | 1.2 | 35 |
| 66 | Insight into the composition of organic compounds (â€‰â‰¥â€‰â€‰C<sub>6</sub>) in PM<sub>2.5</sub> in wintertime in Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 10865-10881. | 1.9 | 12 |
| 67 | Incorporating bioaccessibility into health risk assessment of heavy metals in particulate matter originated from different sources of atmospheric pollution. Environmental Pollution, 2019, 254, 113113. | 3.7 | 81 |
| 68 | Mapping economic drivers of China's NOx emissions due to energy consumption. Journal of Cleaner Production, 2019, 241, 118130. | 4.6 | 28 |
| 69 | Comparative study of PM10-bound heavy metals and PAHs during six years in a Chinese megacity: Compositions, sources, and source-specific risks. Ecotoxicology and Environmental Safety, 2019, 186, 109740. | 2.9 | 19 |
| 70 | Sources-specific carcinogenicity and mutagenicity of PM2.5-bound PAHs in Beijing, China: Variations of contributions under diverse anthropogenic activities. Ecotoxicology and Environmental Safety, 2019, 183, 109552. | 2.9 | 28 |
| 71 | Seasonal differences in formation processes of oxidized organic aerosol near Houston, TX. Atmospheric Chemistry and Physics, 2019, 19, 9641-9661. | 1.9 | 24 |
| 72 | The effect of atmospheric particulates on the rainwater chemistry in the Yangtze River Delta, China. Journal of the Air and Waste Management Association, 2019, 69, 1452-1466. | 0.9 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Quantitatively analyzing effects of meteorology and PM2.5 sources on low visual distance. Science of the Total Environment, 2019, 659, 764-772. | 3.9 | 15 |
| 74 | Source apportionment using receptor model based on aerosol mass spectra and 1â€¯h resolution chemical dataset in Tianjin, China. Atmospheric Environment, 2019, 198, 387-397. | 1.9 | 20 |
| 75 | Detailed Analysis of Estimated pH, Activity Coefficients, and Ion Concentrations between the Three Aerosol Thermodynamic Models. Environmental Science & Technology, 2019, 53, 8903-8913. | 4.6 | 25 |
| 76 | Comparison of size-resolved hygroscopic growth factors of urban aerosol by different methods in Tianjin during a haze episode. Science of the Total Environment, 2019, 678, 618-626. | 3.9 | 21 |
| 77 | Characteristics of the main primary source profiles of particulate matter across China from 1987 to 2017. Atmospheric Chemistry and Physics, 2019, 19, 3223-3243. | 1.9 | 76 |
| 78 | Alkanes and aliphatic carbonyl compounds in wintertime PM2.5 in Beijing, China. Atmospheric Environment, 2019, 202, 244-255. | 1.9 | 28 |
| 79 | Aliphatic carbonyl compounds (C<sub>8</sub>â€“C<sub>26</sub>) in wintertime atmospheric aerosol in London, UK. Atmospheric Chemistry and Physics, 2019, 19, 2233-2246. | 1.9 | 6 |
| 80 | Quantifying the geographical distribution effect on decreasing aggregated nitrogen oxides intensity in the Chinese electrical generation system. Journal of Cleaner Production, 2019, 222, 856-864. | 4.6 | 8 |
| 81 | High-Resolution Data Sets Unravel the Effects of Sources and Meteorological Conditions on Nitrate and Its Gas-Particle Partitioning. Environmental Science & Technology, 2019, 53, 3048-3057. | 4.6 | 46 |
| 82 | Smart Pollution Source Tracing via Gradient Tree Boosting Regression. , 2019, , . | | 1 |
| 83 | A size-resolved chemical mass balance (SR-CMB) approach for source apportionment of ambient particulate matter by single element analysis. Atmospheric Environment, 2019, 197, 45-52. | 1.9 | 13 |
| 84 | Residential coal combustion as a source of primary sulfate in Xi'an, China. Atmospheric Environment, 2019, 196, 66-76. | 1.9 | 95 |
| 85 | Insight into the critical factors determining the particle number concentrations during summer at a megacity in China. Journal of Environmental Sciences, 2019, 75, 169-180. | 3.2 | 1 |
| 86 | Spatial and temporal characteristics of PM 2.5 acidity during autumn in marine and coastal area of Bohai Sea, China, based on two-site contrast. Atmospheric Research, 2018, 202, 196-204. | 1.8 | 24 |
| 87 | Chemical nature of PM2.5 and PM10 in Xi'an, China: Insights into primary emissions and secondary particle formation. Environmental Pollution, 2018, 240, 155-166. | 3.7 | 100 |
| 88 | Refined source apportionment of coal combustion sources by using single particle mass spectrometry. Science of the Total Environment, 2018, 627, 633-646. | 3.9 | 24 |
| 89 | Chemical, optical and radiative characteristics of aerosols during haze episodes of winter in the North China Plain. Atmospheric Environment, 2018, 181, 164-176. | 1.9 | 10 |
| 90 | Source apportionment for fine particulate matter in a Chinese city using an improved gas-constrained method and comparison with multiple receptor models. Environmental Pollution, 2018, 233, 1058-1067. | 3.7 | 25 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 91 | Characteristics and sources of the fine carbonaceous aerosols in Haikou, China. Atmospheric Research, 2018, 199, 103-112. | 1.8 | 22 |
| 92 | Spatial, seasonal and diurnal patterns in physicochemical characteristics and sources of PM2.5 in both inland and coastal regions within a megacity in China. Journal of Hazardous Materials, 2018, 342, 139-149. | 6.5 | 48 |
| 93 | Improving spatial resolution of soil fugitive dust emission inventory using RS-GIS technology: An application case in Tianjin, China. Atmospheric Environment, 2018, 191, 46-54. | 1.9 | 15 |
| 94 | An advanced three-way factor analysis model (SDABB model) for size-resolved PM source apportionment constrained by size distribution of chemical species in source profiles. Environmental Pollution, 2018, 242, 1606-1615. | 3.7 | 11 |
| 95 | Effectiveness evaluation of temporary emission control action in 2016 in winter in Shijiazhuang, China. Atmospheric Chemistry and Physics, 2018, 18, 7019-7039. | 1.9 | 46 |
| 96 | Source contributions to water-soluble organic carbon and water-insoluble organic carbon in PM2.5 during Spring Festival, heating and non-heating seasons. Ecotoxicology and Environmental Safety, 2018, 164, 172-180. | 2.9 | 23 |
| 97 | PM2.5 source profiles and relative heavy metal risk of ship emissions: Source samples from diverse ships, engines, and navigation processes. Atmospheric Environment, 2018, 191, 55-63. | 1.9 | 40 |
| 98 | PMF-GAS Methods to Estimate Contributions of Sources and Oxygen for PM2.5, Based on Highly Time-Resolved PM2.5 Species and Gas Data. Aerosol and Air Quality Research, 2018, 18, 2956-2966. | 0.9 | 3 |
| 99 | Characterization and source apportionment of PM2.5 based on error estimation from EPA PMF 5.0 model at a medium city in China. Environmental Pollution, 2017, 222, 10-22. | 3.7 | 165 |
| 100 | Source apportionment of ambient PM 10 and PM 2.5 in Haikou, China. Atmospheric Research, 2017, 190, 1-9. | 1.8 | 26 |
| 101 | Source apportionment and a novel approach of estimating regional contributions to ambient PM2.5 in Haikou, China. Environmental Pollution, 2017, 223, 334-345. | 3.7 | 32 |
| 102 | Quantification of source impact to PM using three-dimensional weighted factor model analysis on multi-site data. Atmospheric Environment, 2017, 160, 89-96. | 1.9 | 5 |
| 103 | Mass spectra features of biomass burning boiler and coal burning boiler emitted particles by single particle aerosol mass spectrometer. Science of the Total Environment, 2017, 598, 341-352. | 3.9 | 26 |
| 104 | pH of Aerosols in a Polluted Atmosphere: Source Contributions to Highly Acidic Aerosol. Environmental Science & Technology, 2017, 51, 4289-4296. | 4.6 | 147 |
| 105 | Source apportionment and heavy metal health risk (HMHR) quantification from sources in a southern city in China, using an ME2-HMHR model. Environmental Pollution, 2017, 221, 335-342. | 3.7 | 99 |
| 106 | Source apportionment of atmospheric pollutants based on the online data by using PMF and ME2 models at a megacity, China. Atmospheric Research, 2017, 185, 22-31. | 1.8 | 70 |
| 107 | Source profiles and contributions of biofuel combustion for PM2.5, PM10 and their compositions, in a city influenced by biofuel stoves. Chemosphere, 2017, 189, 255-264. | 4.2 | 21 |
| 108 | Influence of the sampling period and time resolution on the PM source apportionment: Study based on the high time-resolution data and long-term daily data. Atmospheric Environment, 2017, 165, 301-309. | 1.9 | 26 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 109 | Chemical Analysis of Particulate Matter in the Harvest Period in an Agricultural Region of Eastern China. Aerosol and Air Quality Research, 2017, 17, 2381-2389. | 0.9 | 3 |
| 110 | Atmospheric Signature and Potential Sources of Rare Earth Elements in Size-Resolved Particulate Matter in a Megacity of China. Aerosol and Air Quality Research, 2016, 16, 2085-2095. | 0.9 | 13 |
| 111 | Source insights into the 11-h daytime and nighttime fine ambient particulate matter in China as well as the synthetic studies using the new Multilinear Engine 2-species ratios (ME2-SR) method. Journal of Environmental Management, 2016, 181, 304-311. | 3.8 | 3 |
| 112 | Characterization and source apportionment of volatile organic compounds based on 1-year of observational data in Tianjin, China. Environmental Pollution, 2016, 218, 757-769. | 3.7 | 185 |
| 113 | The fractionation and geochemical characteristics of rare earth elements measured in ambient size-resolved PM in an integrated iron and steelmaking industry zone. Environmental Science and Pollution Research, 2016, 23, 17191-17199. | 2.7 | 17 |
| 114 | Quantification of long-term primary and secondary source contributions to carbonaceous aerosols. Environmental Pollution, 2016, 219, 897-905. | 3.7 | 23 |
| 115 | Fine carbonaceous aerosol characteristics at a megacity during the Chinese Spring Festival as given by OC/EC online measurements. Atmospheric Research, 2016, 181, 20-28. | 1.8 | 32 |
| 116 | Size-Classified Variations in Carbonaceous Aerosols from Real Coal-Fired Boilers. Energy & Fuels, 2016, 30, 39-46. | 2.5 | 8 |
| 117 | Atmospheric metallic and arsenic pollution at an offshore drilling platform in the Bo Sea: A health risk assessment for the workers. Journal of Hazardous Materials, 2016, 304, 93-102. | 6.5 | 35 |
| 118 | Chemical composition and source apportionment of ambient PM2.5 during the non-heating period in Taian, China. Atmospheric Research, 2016, 170, 23-33. | 1.8 | 132 |
| 119 | Particulate matter mass and chemical component concentrations over four Chinese cities along the western Pacific coast. Environmental Science and Pollution Research, 2015, 22, 1940-1953. | 2.7 | 34 |
| 120 | Further insights into the composition, source, and toxicity of PAHs in sizeâ€resolved particulate matter in a megacity in China. Environmental Toxicology and Chemistry, 2015, 34, 480-487. | 2.2 | 17 |
| 121 | Source apportionment of synchronously size segregated fine and coarse particulate matter, using an improved three-way factor analysis model. Science of the Total Environment, 2015, 505, 1182-1190. | 3.9 | 24 |
| 122 | Assessment of heavy metal pollution characteristics and human health risk of exposure to ambient PM2.5 in Tianjin, China. Particuology, 2015, 20, 104-109. | 2.0 | 104 |
| 123 | Chemical characteristic and toxicity assessment of particle associated PAHs for the short-term anthropogenic activity event: During the Chinese New Year's Festival in 2013. Science of the Total Environment, 2014, 482-483, 8-14. | 3.9 | 48 |
| 124 | Local and long-range transport influences on PM 2.5 at a cities-cluster in northern China, during summer 2008. Particuology, 2014, 13, 66-72. | 2.0 | 14 |
| 125 | On the potential high acid deposition in northeastern China. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4834-4846. | 1.2 | 45 |
| 126 | Concentrations and sources of PAHs in surface sediments of the Fenhe reservoir and watershed, China. Ecotoxicology and Environmental Safety, 2012, 75, 198-206. | 2.9 | 86 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Vertical characteristics and source identification of FM10 in Tianjin. Journal of Environmental Sciences, 2012, 24, 112-115. | 3.2 | 16 |
| 128 | Estimated contributions and uncertainties of PCA/MLRâ€“CMB results: Source apportionment for synthetic and ambient datasets. Atmospheric Environment, 2011, 45, 2811-2819. | 1.9 | 84 |
| 129 | The study on vertical variability of PM10 and the possible sources on a 220Âm tower, in Tianjin, China. Atmospheric Environment, 2011, 45, 6133-6140. | 1.9 | 50 |
| 130 | Chemical composition of precipitation and its sources in Hangzhou, China. Environmental Monitoring and Assessment, 2011, 183, 581-592. | 1.3 | 33 |
| 131 | Synthesis of mesoporous BiOBr 3D microspheres and their photodecomposition for toluene. Journal of Hazardous Materials, 2011, 192, 538-544. | 6.5 | 135 |
| 132 | Determination of Buffering Capacity of Total Suspended Particle and Its Source Apportionment Using the Chemical Mass Balance Approach. Journal of the Air and Waste Management Association, 2011, 61, 7-13. | 0.9 | 4 |
| 133 | Analysis of the Relationship between O3, NO and NO2 in Tianjin, China. Aerosol and Air Quality Research, 2011, 11, 128-139. | 0.9 | 216 |
| 134 | Directed Synthesis of Mesoporous TiO<sub>2</sub> Microspheres: Catalysts and Their Photocatalysis for Bisphenol A Degradation. Environmental Science & Technology, 2010, 44, 419-425. | 4.6 | 280 |
| 135 | Improved Catalytic Capability of Mesoporous TiO<sub>2</sub> Microspheres and Photodecomposition of Toluene. ACS Applied Materials & Interfaces, 2010, 2, 3134-3140. | 4.0 | 82 |
| 136 | Combined source apportionment, using positive matrix factorizationâ€“chemical mass balance and principal component analysis/multiple linear regressionâ€“chemical mass balance models. Atmospheric Environment, 2009, 43, 2929-2937. | 1.9 | 79 |
| 137 | Secondary organic carbon quantification and source apportionment of PM10 in Kaifeng, China. Journal of Environmental Sciences, 2009, 21, 1353-1362. | 3.2 | 23 |
| 138 | Chemical and stable carbon isotopic characterization for PAHs in aerosol emitted from two indoor sources. Chemosphere, 2009, 75, 453-461. | 4.2 | 37 |
| 139 | Preparation of CeO2 novel sponge-like rods by emulsion liquid membrane system and its catalytic oxidation property. Materials Letters, 2009, 63, 1269-1271. | 1.3 | 17 |
| 140 | Using geoaccumulation index to study source profiles of soil dust in China. Journal of Environmental Sciences, 2008, 20, 571-578. | 3.2 | 166 |
| 141 | Source Analysis of Particulate-Phase Polycyclic Aromatic Hydrocarbons in an Urban Atmosphere of a Northern City in China. Journal of the Air and Waste Management Association, 2007, 57, 164-171. | 0.9 | 14 |
| 142 | Source Apportionment of Ambient Total Suspended Particulates and Coarse Particulate Matter in Urban Areas of Jiaozuo, China. Journal of the Air and Waste Management Association, 2007, 57, 561-575. | 0.9 | 33 |
| 143 | Source apportionment of PM10 in six cities of northern China. Atmospheric Environment, 2007, 41, 903-912. | 1.9 | 174 |
| 144 | Characterizations of resuspended dust in six cities of North China. Atmospheric Environment, 2006, 40, 5807-5814. | 1.9 | 134 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Preparation and structure of [bis(8-quinolyloxyethyl) ether Â· H3+O]3[La(NO3)6]. Polyhedron, 1996, 15, 3219-3223. | 1.0 | 4 |