

Pingqing Fu

List of Publications by Year in Descending Order

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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.

328
papers

10,322
citations

54
h-index

88
g-index

478
ext. papers

13,202
ext. citations

6.8
avg. IF

6.47
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 328 | Measurement report: Long-term changes in black carbon and aerosol optical properties from 2012 to 2020 in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 561-575 | 6.8 | 4 |
| 327 | Unexpected Increases of Severe Haze Pollution During the Post COVID-19 Period: Effects of Emissions, Meteorology, and Secondary Production. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022 , 127, | 4.4 | 1 |
| 326 | Nitrate and secondary organic aerosol dominated particle light extinction in Beijing due to clean air action. <i>Atmospheric Environment</i> , 2022 , 269, 118833 | 5.3 | 2 |
| 325 | Chromophoric dissolved organic carbon cycle and its molecular compositions and optical properties in precipitation in the Guanzhong basin, China.. <i>Science of the Total Environment</i> , 2022 , 814, 152775 | 10.2 | 1 |
| 324 | PM-bound silicon-containing secondary organic aerosols (Si-SOA) in Beijing ambient air. <i>Chemosphere</i> , 2022 , 288, 132377 | 8.4 | 3 |
| 323 | Insights into vertical differences of particle number size distributions in winter in Beijing, China. <i>Science of the Total Environment</i> , 2022 , 802, 149695 | 10.2 | 2 |
| 322 | Acidification impacts on the molecular composition of dissolved organic matter revealed by FT-ICR MS. <i>Science of the Total Environment</i> , 2022 , 805, 150284 | 10.2 | 2 |
| 321 | Sources and processes of iron aerosols in a megacity in Eastern China. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 2191-2202 | 6.8 | 2 |
| 320 | Bimodal distribution of size-resolved particle effective density: results from a short campaign in a rural environment over the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 2029-2047 | 6.8 | 1 |
| 319 | Brown carbon from biomass burning imposes strong circum-Arctic warming. <i>One Earth</i> , 2022 , 5, 293-3048.1 | | 1 |
| 318 | The importance of hydroxymethanesulfonate (HMS) in winter haze episodes in North China Plain.. <i>Environmental Research</i> , 2022 , 113074 | 7.9 | 1 |
| 317 | Quantifying biological processes producing nitrous oxide in soil using a mechanistic model. <i>Biogeochemistry</i> , 2022 , 159, 1 | 3.8 | 1 |
| 316 | Transport Patterns and Potential Sources of Atmospheric Pollution during the XXIV Olympic Winter Games Period.. <i>Advances in Atmospheric Sciences</i> , 2022 , 1-15 | 2.9 | 0 |
| 315 | Rapid transition of aerosol optical properties and water-soluble organic aerosols in cold season in Fenwei Plain.. <i>Science of the Total Environment</i> , 2022 , 154661 | 10.2 | 0 |
| 314 | Secondary organic aerosol formation from photooxidation of CH under the presence of NH: Effects of seed particles.. <i>Environmental Research</i> , 2022 , 113064 | 7.9 | 0 |
| 313 | The importance of hydroxymethanesulfonate (HMS) in winter haze episodes in North China Plain.. <i>Environmental Research</i> , 2022 , 211, 113093 | 7.9 | |
| 312 | Year-round observations of stable carbon isotopic composition of carboxylic acids, oxoacids and Dicarboxyls in fine aerosols at Tianjin, North China: Implications for origins and aging.. <i>Science of the Total Environment</i> , 2022 , 155385 | 10.2 | 0 |

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| 311 | Molecular compositions, optical properties, and implications of dissolved brown carbon in snow/ice on the Tibetan Plateau glaciers.. <i>Environment International</i> , 2022 , 164, 107276 | 12.9 | 1 |
| 310 | Machine learning elucidates the impact of short-term emission changes on air pollution in Beijing. <i>Atmospheric Environment</i> , 2022 , 283, 119192 | 5.3 | 0 |
| 309 | Dwindling aromatic compounds in fine aerosols from chunk coal to honeycomb briquette combustion. <i>Science of the Total Environment</i> , 2022 , 838, 155971 | 10.2 | |
| 308 | Measurement report: Optical properties and sources of water-soluble brown carbon in Tianjin, North China Insights from organic molecular compositions. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 6449-6470 | 6.8 | 0 |
| 307 | Development and Assessment of a High-Resolution Biogenic Emission Inventory from Urban Green Spaces in China.. <i>Environmental Science & Technology</i> , 2021 , | 10.3 | 8 |
| 306 | Latitudinal difference in the molecular distributions of lipid compounds in the forest atmosphere in China. <i>Environmental Pollution</i> , 2021 , 294, 118578 | 9.3 | 0 |
| 305 | Precursors and Pathways Leading to Enhanced Secondary Organic Aerosol Formation during Severe Haze Episodes. <i>Environmental Science & Technology</i> , 2021 , 55, 15680-15693 | 10.3 | 4 |
| 304 | Mixing state of refractory black carbon in fog and haze at rural sites in winter on the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 17631-17648 | 6.8 | 1 |
| 303 | Characteristics, Seasonality, and Secondary Formation Processes of Diacids and Related Compounds in Fine Aerosols During Warm and Cold Periods: Year-Round Observations at Tianjin, North China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD035435 | 4.4 | 2 |
| 302 | Impacts of biogenic emissions from urban landscapes on summer ozone and secondary organic aerosol formation in megacities.. <i>Science of the Total Environment</i> , 2021 , 152654 | 10.2 | 4 |
| 301 | Source and formation process impact the chemodiversity of rainwater dissolved organic matter along the Yangtze River Basin in summer.. <i>Water Research</i> , 2021 , 211, 118024 | 12.5 | 2 |
| 300 | Insight into PM _{2.5} sources by applying positive matrix factorization (PMF) at urban and rural sites of Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 14703-14724 | 6.8 | 4 |
| 299 | Influence of rainfall on fungal aerobiota in the urban atmosphere over Tianjin, China: A case study. <i>Atmospheric Environment: X</i> , 2021 , 12, 100137 | 2.8 | 0 |
| 298 | Molecular Distributions of Diacids, Oxoacids, and β -Dicarbonyls in Summer- and Winter-Time Fine Aerosols From Tianjin, North China: Emissions From Combustion Sources and Aqueous Phase Secondary Formation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, | 4.4 | 2 |
| 297 | Temporal variations and spatial distributions of gaseous and particulate air pollutants and their health risks during 2015-2019 in China. <i>Environmental Pollution</i> , 2021 , 272, 116031 | 9.3 | 23 |
| 296 | Vertical Distributions of Primary and Secondary Aerosols in Urban Boundary Layer: Insights into Sources, Chemistry, and Interaction with Meteorology. <i>Environmental Science & Technology</i> , 2021 , 55, 4542-4552 | 10.3 | 5 |
| 295 | Distinctive Sources Govern Organic Aerosol Fractions with Different Degrees of Oxygenation in the Urban Atmosphere. <i>Environmental Science & Technology</i> , 2021 , 55, 4494-4503 | 10.3 | 3 |
| 294 | Measurement report: Diurnal and temporal variations of sugar compounds in suburban aerosols from the northern vicinity of Beijing, China An influence of biogenic and anthropogenic sources. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 4959-4978 | 6.8 | 2 |

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| 293 | Fine particles from village air in northern China in winter: Large contribution of primary organic aerosols from residential solid fuel burning. <i>Environmental Pollution</i> , 2021 , 272, 116420 | 9.3 | 8 |
| 292 | Trans-Regional Transport of Haze Particles From the North China Plain to Yangtze River Delta During Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033778 | 4.4 | 7 |
| 291 | The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. <i>Earth System Science Data</i> , 2021 , 13, 1561-1592 | 10.5 | 1 |
| 290 | Photochemical Degradation of Organic Matter in the Atmosphere. <i>Advanced Sustainable Systems</i> , 2021 , 5, 2100027 | 5.9 | 4 |
| 289 | Atmospheric conditions and composition that influence PM oxidative potential in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 5549-5573 | 6.8 | 4 |
| 288 | Organic aerosol volatility and viscosity in the North China Plain: contrast between summer and winter. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 5463-5476 | 6.8 | 7 |
| 287 | Light absorption of black carbon and brown carbon in winter in North China Plain: comparisons between urban and rural sites. <i>Science of the Total Environment</i> , 2021 , 770, 144821 | 10.2 | 10 |
| 286 | Multiyear measurements on ¹⁵ N natural abundance of precipitation nitrate at a rural forested site. <i>Atmospheric Environment</i> , 2021 , 253, 118353 | 5.3 | 3 |
| 285 | Cable-car measurements of vertical aerosol profiles impacted by mountain-valley breezes in Lushan Mountain, East China. <i>Science of the Total Environment</i> , 2021 , 768, 144198 | 10.2 | 5 |
| 284 | Source apportionment of carbonaceous aerosols in Beijing with radiocarbon and organic tracers: insight into the differences between urban and rural sites. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 8273-8292 | 6.8 | 4 |
| 283 | Source apportionment of fine organic carbon at an urban site of Beijing using a chemical mass balance model. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 7321-7341 | 6.8 | 8 |
| 282 | Source contributions to multiple toxic potentials of atmospheric organic aerosols. <i>Science of the Total Environment</i> , 2021 , 773, 145614 | 10.2 | 11 |
| 281 | Online Liquid Chromatography and FT-ICR MS Enable Advanced Separation and Profiling of Organosulfates in Dissolved Organic Matter. <i>ACS ES&T Water</i> , 2021 , 1, 1975-1982 | | 3 |
| 280 | An evaluation of source apportionment of fine OC and PM by multiple methods: APHH-Beijing campaigns as a case study. <i>Faraday Discussions</i> , 2021 , 226, 290-313 | 3.6 | 6 |
| 279 | Molecular markers for fungal spores and biogenic SOA over the Antarctic Peninsula: Field measurements and modeling results. <i>Science of the Total Environment</i> , 2021 , 762, 143089 | 10.2 | 3 |
| 278 | Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing. <i>Faraday Discussions</i> , 2021 , 226, 223-238 | 3.6 | 4 |
| 277 | Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosol. <i>Environmental Pollution</i> , 2021 , 268, 115906 | 9.3 | 13 |
| 276 | Long-term characterization of aerosol chemistry in cold season from 2013 to 2020 in Beijing, China. <i>Environmental Pollution</i> , 2021 , 268, 115952 | 9.3 | 15 |

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| 275 | Responses of soil WEOM quantity and quality to freeze-thaw and litter manipulation with contrasting soil water content: A laboratory experiment. <i>Catena</i> , 2021 , 198, 105058 | 5.8 | 6 |
| 274 | Vertical profile of particle hygroscopicity and CCN effectiveness during winter in Beijing: insight into the hygroscopicity transition threshold of black carbon. <i>Faraday Discussions</i> , 2021 , 226, 239-254 | 3.6 | 4 |
| 273 | Specific sources of health risks induced by metallic elements in PM _{2.5} during the wintertime in Beijing, China. <i>Atmospheric Environment</i> , 2021 , 246, 118112 | 5.3 | 9 |
| 272 | Variations in physicochemical properties of airborne particles during a heavy haze-to-dust episode in Beijing. <i>Science of the Total Environment</i> , 2021 , 762, 143081 | 10.2 | 6 |
| 271 | Chemical formation and source apportionment of PM at an urban site at the southern foot of the Taihang mountains. <i>Journal of Environmental Sciences</i> , 2021 , 103, 20-32 | 6.4 | 4 |
| 270 | Molecular characterization of size-segregated organic aerosols in the urban boundary layer in wintertime Beijing by FT-ICR MS. <i>Faraday Discussions</i> , 2021 , 226, 457-478 | 3.6 | 4 |
| 269 | Using a coupled LES aerosol-radiation model to investigate the importance of aerosol-boundary layer feedback in a Beijing haze episode. <i>Faraday Discussions</i> , 2021 , 226, 173-190 | 3.6 | 2 |
| 268 | A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , 2021 , 4, | 8 | 13 |
| 267 | Intracellular and Extracellular Antibiotic Resistance Genes in Airborne PM _{2.5} for Respiratory Exposure in Urban Areas. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 128-134 | 11 | 7 |
| 266 | High Molecular Diversity of Organic Nitrogen in Urban Snow in North China. <i>Environmental Science & Technology</i> , 2021 , 55, 4344-4356 | 10.3 | 6 |
| 265 | First High-Resolution Emission Inventory of Levoglucosan for Biomass Burning and Non-Biomass Burning Sources in China. <i>Environmental Science & Technology</i> , 2021 , 55, 1497-1507 | 10.3 | 17 |
| 264 | Direct measurements of black carbon fluxes in central Beijing using the eddy covariance method. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 147-162 | 6.8 | 3 |
| 263 | Using highly time-resolved online mass spectrometry to examine biogenic and anthropogenic contributions to organic aerosol in Beijing. <i>Faraday Discussions</i> , 2021 , 226, 382-408 | 3.6 | 3 |
| 262 | Size-resolved characterization of organic aerosol in the North China Plain: new insights from high resolution spectral analysis. <i>Environmental Science Atmospheres</i> , 2021 , 1, 346-358 | | 3 |
| 261 | Aqueous production of secondary organic aerosol from fossil-fuel emissions in winter Beijing haze. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 23 |
| 260 | Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO _x in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 2125-2147 | 6.8 | 22 |
| 259 | Persistent residential burning-related primary organic particles during wintertime hazes in North China: insights into their aging and optical changes. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 2251-2265 | 6.8 | 9 |
| 258 | Impacts of Chemical Degradation on the Global Budget of Atmospheric Levoglucosan and Its Use As a Biomass Burning Tracer. <i>Environmental Science & Technology</i> , 2021 , 55, 5525-5536 | 10.3 | 8 |

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| 257 | Increase of nitrooxy organosulfates in firework-related urban aerosols during Chinese New Year's Eve. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 11453-11465 | 6.8 | 5 |
| 256 | Aqueous-phase reactive species formed by fine particulate matter from remote forests and polluted urban air. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 10439-10455 | 6.8 | 3 |
| 255 | Important Role of NO Radical to Nitrate Formation Aloft in Urban Beijing: Insights from Triple Oxygen Isotopes Measured at the Tower. <i>Environmental Science & Technology</i> , 2021 , | 10.3 | 7 |
| 254 | Measurement report: Vertical distribution of biogenic and anthropogenic secondary organic aerosols in the urban boundary layer over Beijing during late summer. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 12949-12963 | 6.8 | 1 |
| 253 | Release of inhalable particles and viable microbes to the air during packaging peeling: Emission profiles and mechanisms. <i>Environmental Pollution</i> , 2021 , 285, 117338 | 9.3 | 1 |
| 252 | Mixing characteristics of black carbon aerosols in a coastal city using the CPMA-SP2 system. <i>Atmospheric Research</i> , 2021 , 105867 | 5.4 | 1 |
| 251 | Characterization of dicarboxylic acids, oxoacids, and dicarbonyls in PM within the urban boundary layer in southern China: Sources and formation pathways. <i>Environmental Pollution</i> , 2021 , 285, 117185 | 9.3 | 1 |
| 250 | Modelling spatiotemporal variations of the canopy layer urban heat island in Beijing at the neighbourhood scale. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 13687-13711 | 6.8 | 1 |
| 249 | Source profiles and emission factors of organic and inorganic species in fine particles emitted from the ultra-low emission power plant and typical industries. <i>Science of the Total Environment</i> , 2021 , 789, 147966 | 10.2 | 1 |
| 248 | Terrestrial lipid biomarkers in marine aerosols over the western North Pacific during 1990-1993 and 2006-2009. <i>Science of the Total Environment</i> , 2021 , 797, 149115 | 10.2 | 1 |
| 247 | Molecular characterization and spatial distribution of dicarboxylic acids and related compounds in fresh snow in China. <i>Environmental Pollution</i> , 2021 , 291, 118114 | 9.3 | 1 |
| 246 | Multiphase chemistry experiment in Fogs and Aerosols in the North China Plain (McFAN): integrated analysis and intensive winter campaign 2018. <i>Faraday Discussions</i> , 2021 , 226, 207-222 | 3.6 | 10 |
| 245 | Evolution of the Dissolved Organic Matter Composition along the Upper Mekong (Lancang) River. <i>ACS Earth and Space Chemistry</i> , 2021 , 5, 319-330 | 3.2 | 4 |
| 244 | Overview of biological ice nucleating particles in the atmosphere. <i>Environment International</i> , 2021 , 146, 106197 | 12.9 | 23 |
| 243 | Analysis of natural organic matter via fourier transform ion cyclotron resonance mass spectrometry: an overview of recent non-petroleum applications. <i>Mass Spectrometry Reviews</i> , 2020 , | 11 | 13 |
| 242 | Vertical profiles of biogenic volatile organic compounds as observed online at a tower in Beijing. <i>Journal of Environmental Sciences</i> , 2020 , 95, 33-42 | 6.4 | 9 |
| 241 | High-resolution vertical distribution and sources of HONO and NO ₂ in the nocturnal boundary layer in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5071-5092 | 6.8 | 21 |
| 240 | Influence of the morphological change in natural Asian dust during transport: A modeling study for a typical dust event over northern China. <i>Science of the Total Environment</i> , 2020 , 739, 139791 | 10.2 | 3 |

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| 239 | Mixing characteristics of refractory black carbon aerosols at an urban site in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5771-5785 | 6.8 | 14 |
| 238 | Elevated levels of OH observed in haze events during wintertime in central Beijing 2020 , | | 2 |
| 237 | Effect of aerosol composition on the performance of low-cost optical particle counter correction factors. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 1181-1193 | 4 | 20 |
| 236 | Characterising mass-resolved mixing state of black carbon in Beijing using a morphology-independent measurement method. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 3645-3661 | 6.8 | 14 |
| 235 | Source forensics of n-alkanes and n-fatty acids in urban aerosols using compound specific radiocarbon/stable carbon isotopic composition. <i>Environmental Research Letters</i> , 2020 , 15, 074007 | 6.2 | 3 |
| 234 | Large contributions of biogenic and anthropogenic sources to fine organic aerosols in Tianjin, North China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 117-137 | 6.8 | 19 |
| 233 | Overview of primary biological aerosol particles from a Chinese boreal forest: Insight into morphology, size, and mixing state at microscopic scale. <i>Science of the Total Environment</i> , 2020 , 719, 137520 | 10.2 | 14 |
| 232 | Molecular characterization of firework-related urban aerosols using Fourier transform ion cyclotron resonance mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6803-6820 | 6.8 | 9 |
| 231 | Mass spectral characterization of primary emissions and implications in source apportionment of organic aerosol. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 3205-3219 | 4 | 12 |
| 230 | Measurement report: Vertical distribution of atmospheric particulate matter within the urban boundary layer in southern China [Size-segregated chemical composition and secondary formation through cloud processing and heterogeneous reactions. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6125-6153 | 6.8 | 8 |
| 229 | Molecular and spatial distributions of dicarboxylic acids, oxocarboxylic acids, and <i>α-dicarbonyls</i> in marine aerosols from the South China Sea to the eastern Indian Ocean. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6841-6860 | 6.8 | 9 |
| 228 | A review of aerosol chemistry in Asia: insights from aerosol mass spectrometer measurements. <i>Environmental Sciences: Processes and Impacts</i> , 2020 , 22, 1616-1653 | 4.3 | 25 |
| 227 | Contrasting mixing state of black carbon-containing particles in summer and winter in Beijing. <i>Environmental Pollution</i> , 2020 , 263, 114455 | 9.3 | 10 |
| 226 | A chemical cocktail during the COVID-19 outbreak in Beijing, China: Insights from six-year aerosol particle composition measurements during the Chinese New Year holiday. <i>Science of the Total Environment</i> , 2020 , 742, 140739 | 10.2 | 91 |
| 225 | Indoor air filtration could lead to increased airborne endotoxin levels. <i>Environment International</i> , 2020 , 142, 105878 | 12.9 | 6 |
| 224 | Chemical Differences Between PM1 and PM2.5 in Highly Polluted Environment and Implications in Air Pollution Studies. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086288 | 4.9 | 43 |
| 223 | Biological Aerosol Particles in Polluted Regions. <i>Current Pollution Reports</i> , 2020 , 6, 65-89 | 7.6 | 15 |
| 222 | Predicting cloud condensation nuclei number concentration based on conventional measurements of aerosol properties in the North China Plain. <i>Science of the Total Environment</i> , 2020 , 719, 137473 | 10.2 | 4 |

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| 221 | Assessment of molecular diversity of lignin products by various ionization techniques and high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2020 , 713, 136573 | 10.2 | 23 |
| 220 | Variable Late Holocene 14C Reservoir Ages in Lake Bosten, Northwestern China. <i>Frontiers in Earth Science</i> , 2020 , 7, | 3.5 | 9 |
| 219 | Increase of High Molecular Weight Organosulfate With Intensifying Urban Air Pollution in the Megacity Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD032200 | 4.4 | 12 |
| 218 | Summertime fluorescent bioaerosol particles in the coastal megacity Tianjin, North China. <i>Science of the Total Environment</i> , 2020 , 723, 137966 | 10.2 | 7 |
| 217 | Fine particle characterization in a coastal city in China: composition, sources, and impacts of industrial emissions. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 2877-2890 | 6.8 | 17 |
| 216 | Molecular markers of biomass burning and primary biological aerosols in urban Beijing: size distribution and seasonal variation. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 3623-3644 | 6.8 | 12 |
| 215 | Fossil and Non-fossil Fuel Sources of Organic and Elemental Carbonaceous Aerosol in Beijing, Shanghai, and Guangzhou: Seasonal Carbon Source Variation. <i>Aerosol and Air Quality Research</i> , 2020 , 20, 2495-2506 | 4.6 | 8 |
| 214 | Vertical distribution of particle-phase dicarboxylic acids, oxoacids and <i></i>-dicarbonyls in the urban boundary layer based on the 325 m tower in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10331-10350 | 6.8 | 5 |
| 213 | Characterization of submicron organic particles in Beijing during summertime: comparison between SP-AMS and HR-AMS. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 14091-14102 | 6.8 | 8 |
| 212 | Source apportionment of black carbon aerosols from light absorption observation and source-oriented modeling: an implication in a coastal city in China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 14419-14435 | 6.8 | 4 |
| 211 | Elevated levels of OH observed in haze events during wintertime in central Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 14847-14871 | 6.8 | 29 |
| 210 | Surface atmosphere fluxes of volatile organic compounds in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 15101-15125 | 6.8 | 6 |
| 209 | An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 6325-6341 | 4 | 9 |
| 208 | Abundance and viability of particle-attached and free-floating bacteria in dusty and nondusty air. <i>Biogeosciences</i> , 2020 , 17, 4477-4487 | 4.6 | 6 |
| 207 | Molecular composition and sources of water-soluble organic aerosol in summer in Beijing. <i>Chemosphere</i> , 2020 , 255, 126850 | 8.4 | 5 |
| 206 | Changes of Emission Sources to Nitrate Aerosols in Beijing After the Clean Air Actions: Evidence From Dual Isotope Compositions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031998 | 4.4 | 12 |
| 205 | Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 257, 113616 | 9.3 | 23 |
| 204 | High daytime abundance of primary organic aerosols over Mt. Emei, Southwest China in summer. <i>Science of the Total Environment</i> , 2020 , 703, 134475 | 10.2 | 7 |

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| 203 | Impact of Arctic amplification on declining spring dust events in East Asia. <i>Climate Dynamics</i> , 2020 , 54, 1913-1935 | 4.2 | 17 |
| 202 | Application of $\delta^{15}\text{N}$ to trace the impact of penguin guano on terrestrial and aquatic nitrogen cycles in Victoria Land, Ross Sea region, Antarctica. <i>Science of the Total Environment</i> , 2020 , 709, 134496 | 10.2 | 5 |
| 201 | Transport Patterns, Size Distributions, and Depolarization Characteristics of Dust Particles in East Asia in Spring 2018. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031752 | 4.4 | 6 |
| 200 | Measurements of traffic-dominated pollutant emissions in a Chinese megacity. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8737-8761 | 6.8 | 17 |
| 199 | Roles of Sulfur Oxidation Pathways in the Variability in Stable Sulfur Isotopic Composition of Sulfate Aerosols at an Urban Site in Beijing, China. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 883-888 | 11 | 7 |
| 198 | $\delta^{15}\text{N}$ of Nitric Oxide Produced Under Aerobic or Anaerobic Conditions From Seven Soils and Their Associated N Isotope Fractionations. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2020JG005705 | 3.7 | 105 |
| 197 | Quantitative Determination of Hydroxymethanesulfonate (HMS) Using Ion Chromatography and UHPLC-LTQ-Orbitrap Mass Spectrometry: A Missing Source of Sulfur during Haze Episodes in Beijing. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 701-707 | 11 | 10 |
| 196 | Black carbon in Xiamen, China: Temporal variations, transport pathways and impacts of synoptic circulation. <i>Chemosphere</i> , 2020 , 241, 125133 | 8.4 | 13 |
| 195 | Variation in the mercury concentration and stable isotope composition of atmospheric total suspended particles in Beijing, China. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121131 | 12.8 | 6 |
| 194 | Characterization of Secondary Organic Aerosol Tracers over Tianjin, North China during Summer to Autumn. <i>ACS Earth and Space Chemistry</i> , 2019 , 3, 2339-2352 | 3.2 | 3 |
| 193 | Compositional Characteristics of Fluvial Particulate Organic Matter Exported From the World's Largest Alpine Wetland. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 2709-2727 | 3.7 | 2 |
| 192 | Insight into the Composition of Organic Compounds (C_{10} and C_{12}) in $\text{PM}_{2.5}$ in Wintertime in Beijing, China 2019 , | | 1 |
| 191 | Mixing characteristics of refractory black carbon aerosols determined by a tandem CPMA-SP2 system at an urban site in Beijing 2019 , | | 2 |
| 190 | Morphology, mixing state, and hygroscopicity of primary biological aerosol particles from a Chinese boreal forest 2019 , | | 2 |
| 189 | Introduction to the National Aerosol Chemical Composition Monitoring Network of China: Objectives, Current Status, and Outlook. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, ES337-ES351 | 6.1 | 22 |
| 188 | Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. <i>Environmental Science & Technology</i> , 2019 , 53, 12506-12518 | 10.3 | 30 |
| 187 | Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. <i>Science of the Total Environment</i> , 2019 , 697, 134095 | 10.2 | 3 |
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| 3 | Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO _x in Beijing | | 3 |
| 2 | Year-round observations of water-soluble ionic species and trace metals in Sapporo aerosols: implication for significant contributions from terrestrial biological sources in Northeast Asia | | 5 |
| 1 | Supplementary material to "Insight into PM _{2.5} Sources by Applying Positive Matrix Factorization (PMF) at an Urban and Rural Site of Beijing" | | 2 |