Pingqing Fu

List of Publications by Year
in descending order

328 papers	15,529 citations	17440 63 h-index	30922 102 g-index
478 all docs	478 docs citations	478 times ranked	8885 citing authors

#	Article	IF	Citations
1	Stable carbon and nitrogen isotopic compositions of tropical atmospheric aerosols: sources and contribution from burning of C₃ and C₄ plants to organic aerosols. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 20176.	1.6	29
2	Analysis of natural organic matter via fourier transform ion cyclotron resonance mass spectrometry: an overview of recent nonâ€petroleum applications. Mass Spectrometry Reviews, 2022, 41, 647-661.	5.4	36
3	Important Role of NO₃ Radical to Nitrate Formation Aloft in Urban Beijing: Insights from Triple Oxygen Isotopes Measured at the Tower. Environmental Science & Technology, 2022, 56, 6870-6879.	10.0	34
4	Mixing characteristics of black carbon aerosols in a coastal city using the CPMA-SP2 system. Atmospheric Research, 2022, 265, 105867.	4.1	4
5	Insights into vertical differences of particle number size distributions in winter in Beijing, China. Science of the Total Environment, 2022, 802, 149695.	8.0	4
6	Acidification impacts on the molecular composition of dissolved organic matter revealed by FT-ICR MS. Science of the Total Environment, 2022, 805, 150284.	8.0	26
7	Nitrate and secondary organic aerosol dominated particle light extinction in Beijing due to clean air action. Atmospheric Environment, 2022, 269, 118833.	4.1	12
8	Latitudinal difference in the molecular distributions of lipid compounds in the forest atmosphere in China. Environmental Pollution, 2022, 294, 118578.	7.5	3
9	Chromophoric dissolved organic carbon cycle and its molecular compositions and optical properties in precipitation in the Guanzhong basin, China. Science of the Total Environment, 2022, 814, 152775.	8.0	14
10	Impacts of biogenic emissions from urban landscapes on summer ozone and secondary organic aerosol formation in megacities. Science of the Total Environment, 2022, 814, 152654.	8.0	32
11	Source and formation process impact the chemodiversity of rainwater dissolved organic matter along the Yangtze River Basin in summer. Water Research, 2022, 211, 118024.	11.3	37
12	Measurement report: Long-term changes in black carbon and aerosol optical properties from 2012 to 2020 in Beijing, China. Atmospheric Chemistry and Physics, 2022, 22, 561-575.	4.9	32
13	Unexpected Increases of Severe Haze Pollution During the Post COVIDâ€19 Period: Effects of Emissions, Meteorology, and Secondary Production. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	18
14	Development and Assessment of a High-Resolution Biogenic Emission Inventory from Urban Green Spaces in China. Environmental Science & Technology, 2022, 56, 175-184.	10.0	35
15	Sources and processes of iron aerosols in a megacity in Eastern China. Atmospheric Chemistry and Physics, 2022, 22, 2191-2202.	4.9	22
16	Bimodal distribution of size-resolved particle effective density: results from a short campaign in a rural environment over the North China Plain. Atmospheric Chemistry and Physics, 2022, 22, 2029-2047.	4.9	7
17	Assessing the Nonlinear Effect of Atmospheric Variables on Primary and Oxygenated Organic Aerosol Concentration Using Machine Learning. ACS Earth and Space Chemistry, 2022, 6, 1059-1066.	2.7	8
18	Brown carbon from biomass burning imposes strong circum-Arctic warming. One Earth, 2022, 5, 293-304.	6.8	23

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19	Recent analytical tools to mitigate carbon-based pollution: New insights by using wavelet coherence for a sustainable environment. Environmental Research, 2022, 212, 113074.	7.5	18
20	Quantifying biological processes producing nitrous oxide in soil using a mechanistic model. Biogeochemistry, 2022, 159, 1-14.	3.5	7
21	Transport Patterns and Potential Sources of Atmospheric Pollution during the XXIV Olympic Winter Games Period. Advances in Atmospheric Sciences, 2022, 39, 1608-1622.	4.3	6
22	Decreased Aviation Leads to Increased Ice Crystal Number and a Positive Radiative Effect in Cirrus Clouds. AGU Advances, 2022, 3, .	5.4	7
23	Primary Emissions and Secondary Aerosol Processing During Wintertime in Rural Area of North China Plain. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	3
24	Rapid transition of aerosol optical properties and water-soluble organic aerosols in cold season in Fenwei Plain. Science of the Total Environment, 2022, 829, 154661.	8.0	8
25	Secondary organic aerosol formation from photooxidation of C3H6 under the presence of NH3: Effects of seed particles. Environmental Research, 2022, 211, 113064.	7.5	5
26	The importance of hydroxymethanesulfonate (HMS) in winter haze episodes in North China Plain. Environmental Research, 2022, 211, 113093.	7.5	7
27	A New Structural Classification Scheme for Dissolved Organic Sulfur in Urban Snow from North China. Environmental Science and Technology Letters, 2022, 9, 366-374.	8.7	10
28	Year-round observations of stable carbon isotopic composition of carboxylic acids, oxoacids and Î±-Dicarbonyls in fine aerosols at Tianjin, North China: Implications for origins and aging. Science of the Total Environment, 2022, 834, 155385.	8.0	5
29	Biological and Nonbiological Sources of Fluorescent Aerosol Particles in the Urban Atmosphere. Environmental Science & Technology, 2022, 56, 7588-7597.	10.0	6
30	Deciphering ¹³C and ³⁴S Isotopes of Organosulfates in Urban Aerosols by FT-ICR Mass Spectrometry. Environmental Science and Technology Letters, 2022, 9, 526-532.	8.7	4
31	Molecular compositions, optical properties, and implications of dissolved brown carbon in snow/ice on the Tibetan Plateau glaciers. Environment International, 2022, 164, 107276.	10.0	10
32	Suspect Screening of Liquid Crystal Monomers (LCMs) in Sediment Using an Established Database Covering 1173 LCMs. Environmental Science & Technology, 2022, 56, 8061-8070.	10.0	21
33	Machine learning elucidates the impact of short-term emission changes on air pollution in Beijing. Atmospheric Environment, 2022, 283, 119192.	4.1	4
34	Dwindling aromatic compounds in fine aerosols from chunk coal to honeycomb briquette combustion. Science of the Total Environment, 2022, 838, 155971.	8.0	1
35	Measurement report: Optical properties and sources of water-soluble brown carbon in Tianjin, North China â€“ insights from organic molecular compositions. Atmospheric Chemistry and Physics, 2022, 22, 6449-6470.	4.9	25
36	Deciphering dissolved organic matter by Fourier transform ion cyclotron resonance mass spectrometryÂ(FT-ICR MS): from bulk to fractions and individuals. , 2022, 1, .		49

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37	The chemical composition and mixing state of BC-containing particles and the implications on light absorption enhancement. Atmospheric Chemistry and Physics, 2022, 22, 7619-7630.	4.9	10
38	Tracer-based characterization of fine carbonaceous aerosol in Beijing during a strict emission control period. Science of the Total Environment, 2022, 841, 156638.	8.0	3
39	Characteristics and seasonality of trace elements in fine aerosols from Tianjin, North China during 2018-2019. Environmental Advances, 2022, 9, 100263.	4.8	1
40	An evaluation of source apportionment of fine OC and PM_{2.5}by multiple methods: APHH-Beijing campaigns as a case study. Faraday Discussions, 2021, 226, 290-313.	3.2	12
41	Molecular markers for fungal spores and biogenic SOA over the Antarctic Peninsula: Field measurements and modeling results. Science of the Total Environment, 2021, 762, 143089.	8.0	7
42	Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing. Faraday Discussions, 2021, 226, 223-238.	3.2	9
43	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosolâ˜†. Environmental Pollution, 2021, 268, 115906.	7.5	49
44	Long-term characterization of aerosol chemistry in cold season from 2013 to 2020 in Beijing, China. Environmental Pollution, 2021, 268, 115952.	7.5	56
45	Responses of soil WEOM quantity and quality to freezeâ€“thaw and litter manipulation with contrasting soil water content: A laboratory experiment. Catena, 2021, 198, 105058.	5.0	15
46	Vertical profile of particle hygroscopicity and CCN effectiveness during winter in Beijing: insight into the hygroscopicity transition threshold of black carbon. Faraday Discussions, 2021, 226, 239-254.	3.2	5
47	Specific sources of health risks induced by metallic elements in PM2.5 during the wintertime in Beijing, China. Atmospheric Environment, 2021, 246, 118112.	4.1	42
48	Variations in physicochemical properties of airborne particles during a heavy haze-to-dust episode in Beijing. Science of the Total Environment, 2021, 762, 143081.	8.0	12
49	Chemical formation and source apportionment of PM2.5 at an urban site at the southern foot of the Taihang mountains. Journal of Environmental Sciences, 2021, 103, 20-32.	6.1	10
50	Molecular characterization of size-segregated organic aerosols in the urban boundary layer in wintertime Beijing by FT-ICR MS. Faraday Discussions, 2021, 226, 457-478.	3.2	14
51	Using a coupled LES aerosolâ€“radiation model to investigate the importance of aerosolâ€“boundary layer feedback in a Beijing haze episode. Faraday Discussions, 2021, 226, 173-190.	3.2	3
52	General discussion: Aerosol formation and growth; VOC sources and secondary organic aerosols. Faraday Discussions, 2021, 226, 479-501.	3.2	1
53	A 3D study on the amplification of regional haze and particle growth by local emissions. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	23
54	Intracellular and Extracellular Antibiotic Resistance Genes in Airborne PM_{2.5} for Respiratory Exposure in Urban Areas. Environmental Science and Technology Letters, 2021, 8, 128-134.	8.7	26

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55	High Molecular Diversity of Organic Nitrogen in Urban Snow in North China. Environmental Science & Technology, 2021, 55, 4344-4356.	10.0	32
56	First High-Resolution Emission Inventory of Levoglucosan for Biomass Burning and Non-Biomass Burning Sources in China. Environmental Science & Technology, 2021, 55, 1497-1507.	10.0	40
57	Direct measurements of black carbon fluxes in central Beijing using the eddy covariance method. Atmospheric Chemistry and Physics, 2021, 21, 147-162.	4.9	6
58	Using highly time-resolved online mass spectrometry to examine biogenic and anthropogenic contributions to organic aerosol in Beijing. Faraday Discussions, 2021, 226, 382-408.	3.2	13
59	Size-resolved characterization of organic aerosol in the North China Plain: new insights from high resolution spectral analysis. Environmental Science Atmospheres, 2021, 1, 346-358.	2.4	8
60	Aqueous production of secondary organic aerosol from fossil-fuel emissions in winter Beijing haze. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	75
61	Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO_{<i>x</i>} in Beijing. Atmospheric Chemistry and Physics, 2021, 21, 2125-2147.	4.9	64
62	Persistent residential burning-related primary organic particles during wintertime hazes in North China: insights into their aging and optical changes. Atmospheric Chemistry and Physics, 2021, 21, 2251-2265.	4.9	20
63	Source forensics of inorganic and organic nitrogen using Î´15N for tropospheric aerosols over Mt. Tai. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	10
64	Impacts of Chemical Degradation on the Global Budget of Atmospheric Levoglucosan and Its Use As a Biomass Burning Tracer. Environmental Science & Technology, 2021, 55, 5525-5536.	10.0	37
65	Temporal variations and spatial distributions of gaseous and particulate air pollutants and their health risks during 2015â€“2019 in China. Environmental Pollution, 2021, 272, 116031.	7.5	52
66	Vertical Distributions of Primary and Secondary Aerosols in Urban Boundary Layer: Insights into Sources, Chemistry, and Interaction with Meteorology. Environmental Science & Technology, 2021, 55, 4542-4552.	10.0	16
67	Distinctive Sources Govern Organic Aerosol Fractions with Different Degrees of Oxygenation in the Urban Atmosphere. Environmental Science & Technology, 2021, 55, 4494-4503.	10.0	10
68	Measurement report: Diurnal and temporal variations of sugar compounds in suburban aerosols from the northern vicinity of Beijing, China â€“ an influence of biogenic and anthropogenic sources. Atmospheric Chemistry and Physics, 2021, 21, 4959-4978.	4.9	9
69	Fine particles from village air in northern China in winter: Large contribution of primary organic aerosols from residential solid fuel burning. Environmental Pollution, 2021, 272, 116420.	7.5	17
70	Transâ€Regional Transport of Haze Particles From the North China Plain to Yangtze River Delta During Winter. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033778.	3.3	22
71	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. Earth System Science Data, 2021, 13, 1561-1592.	9.9	11
72	Photochemical Degradation of Organic Matter in the Atmosphere. Advanced Sustainable Systems, 2021, 5, 2100027.	5.3	18

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73	Atmospheric conditions and composition that influence PM_{2.5} oxidative potential in Beijing, China. Atmospheric Chemistry and Physics, 2021, 21, 5549-5573.	4.9	38
74	Organic aerosol volatility and viscosity in the North China Plain: contrast between summer and winter. Atmospheric Chemistry and Physics, 2021, 21, 5463-5476.	4.9	22
75	Light absorption of black carbon and brown carbon in winter in North China Plain: comparisons between urban and rural sites. Science of the Total Environment, 2021, 770, 144821.	8.0	33
76	Multiyear measurements on 15N natural abundance of precipitation nitrate at a rural forested site. Atmospheric Environment, 2021, 253, 118353.	4.1	4
77	Cable-car measurements of vertical aerosol profiles impacted by mountain-valley breezes in Lushan Mountain, East China. Science of the Total Environment, 2021, 768, 144198.	8.0	13
78	Source apportionment of carbonaceous aerosols in Beijing with radiocarbon and organic tracers: insight into the differences between urban and rural sites. Atmospheric Chemistry and Physics, 2021, 21, 8273-8292.	4.9	15
79	Source apportionment of fine organic carbon at an urban site of Beijing using a chemical mass balance model. Atmospheric Chemistry and Physics, 2021, 21, 7321-7341.	4.9	23
80	Source contributions to multiple toxic potentials of atmospheric organic aerosols. Science of the Total Environment, 2021, 773, 145614.	8.0	30
81	Online Liquid Chromatography and FT-ICR MS Enable Advanced Separation and Profiling of Organosulfates in Dissolved Organic Matter. ACS ES&T Water, 2021, 1, 1975-1982.	4.6	15
82	Increase of nitrooxy organosulfates in firework-related urban aerosols during Chinese New Year's Eve. Atmospheric Chemistry and Physics, 2021, 21, 11453-11465.	4.9	14
83	Aqueous-phase reactive species formed by fine particulate matter from remote forests and polluted urban air. Atmospheric Chemistry and Physics, 2021, 21, 10439-10455.	4.9	6
84	Photochemical Processing of Inorganic and Organic Species in the Canadian High Arctic Aerosols: Impact of Ammonium Cation, Transition Metals, and Dicarboxylic Acids before and after Polar Sunrise at Alert. ACS Earth and Space Chemistry, 2021, 5, 2865-2877.	2.7	4
85	Measurement report: Vertical distribution of biogenic and anthropogenic secondary organic aerosols in the urban boundary layer over Beijing during late summer. Atmospheric Chemistry and Physics, 2021, 21, 12949-12963.	4.9	9
86	Release of inhalable particles and viable microbes to the air during packaging peeling: Emission profiles and mechanisms. Environmental Pollution, 2021, 285, 117338.	7.5	1
87	PM2.5-bound silicon-containing secondary organic aerosols (Si-SOA) in Beijing ambient air. Chemosphere, 2021, 288, 132377.	8.2	5
88	Characterization of dicarboxylic acids, oxoacids, and Î±-dicarbonyls in PM2.5 within the urban boundary layer in southern China: Sources and formation pathways. Environmental Pollution, 2021, 285, 117185.	7.5	11
89	Modelling spatiotemporal variations of the canopy layer urban heat island in Beijing at the neighbourhood scale. Atmospheric Chemistry and Physics, 2021, 21, 13687-13711.	4.9	9
90	Source profiles and emission factors of organic and inorganic species in fine particles emitted from the ultra-low emission power plant and typical industries. Science of the Total Environment, 2021, 789, 147966.	8.0	11

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91	Terrestrial lipid biomarkers in marine aerosols over the western North Pacific during 1990â€“1993 and 2006â€“2009. Science of the Total Environment, 2021, 797, 149115.	8.0	5
92	Molecular characterization and spatial distribution of dicarboxylic acids and related compounds in fresh snow in China. Environmental Pollution, 2021, 291, 118114.	7.5	3
93	Multiphase chemistry experiment in Fogs and Aerosols in the North China Plain (McFAN): integrated analysis and intensive winter campaign 2018. Faraday Discussions, 2021, 226, 207-222.	3.2	23
94	Evolution of the Dissolved Organic Matter Composition along the Upper Mekong (Lancang) River. ACS Earth and Space Chemistry, 2021, 5, 319-330.	2.7	16
95	Overview of biological ice nucleating particles in the atmosphere. Environment International, 2021, 146, 106197.	10.0	69
96	Insight into PM_{2.5} sources by applying positive matrix factorization (PMF) at urban and rural sites of Beijing. Atmospheric Chemistry and Physics, 2021, 21, 14703-14724.	4.9	35
97	High-Resolution Fluorescence Spectra of Airborne Biogenic Secondary Organic Aerosols: Comparisons to Primary Biological Aerosol Particles and Implications for Single-Particle Measurements. Environmental Science & Technology, 2021, 55, 16747-16756.	10.0	7
98	Influence of rainfall on fungal aerobiota in the urban atmosphere over Tianjin, China: A case study. Atmospheric Environment: X, 2021, 12, 100137.	1.4	4
99	Molecular Distributions of Diacids, Oxoacids, and Î±â€Dicarbonyls in Summerâ€and Winterâ€Time Fine Aerosols From Tianjin, North China: Emissions From Combustion Sources and Aqueous Phase Secondary Formation. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	3.3	10
100	Precursors and Pathways Leading to Enhanced Secondary Organic Aerosol Formation during Severe Haze Episodes. Environmental Science & Technology, 2021, 55, 15680-15693.	10.0	28
101	Mixing state of refractory black carbon in fog and haze at rural sites in winter on the North China Plain. Atmospheric Chemistry and Physics, 2021, 21, 17631-17648.	4.9	12
102	Characteristics, Seasonality, and Secondary Formation Processes of Diacids and Related Compounds in Fine Aerosols During Warm and Cold Periods: Yearâ€Round Observations at Tianjin, North China. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035435.	3.3	10
103	Black carbon in Xiamen, China: Temporal variations, transport pathways and impacts of synoptic circulation. Chemosphere, 2020, 241, 125133.	8.2	20
104	Variation in the mercury concentration and stable isotope composition of atmospheric total suspended particles in Beijing, China. Journal of Hazardous Materials, 2020, 383, 121131.	12.4	12
105	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. Environmental Pollution, 2020, 257, 113616.	7.5	45
106	High daytime abundance of primary organic aerosols over Mt. Emei, Southwest China in summer. Science of the Total Environment, 2020, 703, 134475.	8.0	18
107	Impact of Arctic amplification on declining spring dust events in East Asia. Climate Dynamics, 2020, 54, 1913-1935.	3.8	39
108	Application of Î´15N to trace the impact of penguin guano on terrestrial and aquatic nitrogen cycles in Victoria Land, Ross Sea region, Antarctica. Science of the Total Environment, 2020, 709, 134496.	8.0	6

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109	Transport Patterns, Size Distributions, and Depolarization Characteristics of Dust Particles in East Asia in Spring 2018. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031752.	3.3	13
110	Measurements of traffic-dominated pollutant emissions in a Chinese megacity. Atmospheric Chemistry and Physics, 2020, 20, 8737-8761.	4.9	33
111	Roles of Sulfur Oxidation Pathways in the Variability in Stable Sulfur Isotopic Composition of Sulfate Aerosols at an Urban Site in Beijing, China. Environmental Science and Technology Letters, 2020, 7, 883-888.	8.7	21
112	Î´¹⁵N of Nitric Oxide Produced Under Aerobic or Anaerobic Conditions From Seven Soils and Their Associated N Isotope Fractionations. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005705.	3.0	7
113	Quantitative Determination of Hydroxymethanesulfonate (HMS) Using Ion Chromatography and UHPLC-LTQ-Orbitrap Mass Spectrometry: A Missing Source of Sulfur during Haze Episodes in Beijing. Environmental Science and Technology Letters, 2020, 7, 701-707.	8.7	25
114	Vertical profiles of biogenic volatile organic compounds as observed online at a tower in Beijing. Journal of Environmental Sciences, 2020, 95, 33-42.	6.1	19
115	High-resolution vertical distribution and sources of HONO and NO₂ in the nocturnal boundary layer in urban Beijing, China. Atmospheric Chemistry and Physics, 2020, 20, 5071-5092.	4.9	40
116	Influence of the morphological change in natural Asian dust during transport: A modeling study for a typical dust event over northern China. Science of the Total Environment, 2020, 739, 139791.	8.0	8
117	Mixing characteristics of refractory black carbon aerosols at an urban site in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 5771-5785.	4.9	37
118	Effect of aerosol composition on the performance of low-cost optical particle counter correction factors. Atmospheric Measurement Techniques, 2020, 13, 1181-1193.	3.1	56
119	Characterising mass-resolved mixing state of black carbon in Beijing using a morphology-independent measurement method. Atmospheric Chemistry and Physics, 2020, 20, 3645-3661.	4.9	26
120	Source forensics of n-alkanes and n-fatty acids in urban aerosols using compound specific radiocarbon/stable carbon isotopic composition. Environmental Research Letters, 2020, 15, 074007.	5.2	12
121	Large contributions of biogenic and anthropogenic sources to fine organic aerosols in Tianjin, North China. Atmospheric Chemistry and Physics, 2020, 20, 117-137.	4.9	36
122	Overview of primary biological aerosol particles from a Chinese boreal forest: Insight into morphology, size, and mixing state at microscopic scale. Science of the Total Environment, 2020, 719, 137520.	8.0	33
123	Molecular characterization of firework-related urban aerosols using Fourier transform ion cyclotron resonance mass spectrometry. Atmospheric Chemistry and Physics, 2020, 20, 6803-6820.	4.9	27
124	Mass spectral characterization of primary emissions and implications in source apportionment of organic aerosol. Atmospheric Measurement Techniques, 2020, 13, 3205-3219.	3.1	27
125	Measurement report: Vertical distribution of atmospheric particulate matter within the urban boundary layer in southern China â€“ size-segregated chemical composition and secondary formation through cloud processing and heterogeneous reactions. Atmospheric Chemistry and Physics, 2020, 20, 6435-6453.	4.9	29
126	Molecular and spatial distributions of dicarboxylic acids, oxocarboxylic acids, and <i>Î±</i>-dicarbonyls in marine aerosols from the South China Sea to the eastern Indian Ocean. Atmospheric Chemistry and Physics, 2020, 20, 6841-6860.	4.9	17

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127	A review of aerosol chemistry in Asia: insights from aerosol mass spectrometer measurements. Environmental Sciences: Processes and Impacts, 2020, 22, 1616-1653.	3.5	57
128	Contrasting mixing state of black carbon-containing particles in summer and winter in Beijing. Environmental Pollution, 2020, 263, 114455.	7.5	21
129	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. Science of the Total Environment, 2020, 742, 140739.	8.0	138
130	Indoor air filtration could lead to increased airborne endotoxin levels. Environment International, 2020, 142, 105878.	10.0	18
131	Chemical Differences Between PM₁ and PM_{2.5} in Highly Polluted Environment and Implications in Air Pollution Studies. Geophysical Research Letters, 2020, 47, e2019GL086288.	4.0	72
132	Biological Aerosol Particles in Polluted Regions. Current Pollution Reports, 2020, 6, 65-89.	6.6	32
133	Predicting cloud condensation nuclei number concentration based on conventional measurements of aerosol properties in the North China Plain. Science of the Total Environment, 2020, 719, 137473.	8.0	9
134	Assessment of molecular diversity of lignin products by various ionization techniques and high-resolution mass spectrometry. Science of the Total Environment, 2020, 713, 136573.	8.0	42
135	Variable Late Holocene 14C Reservoir Ages in Lake Bosten, Northwestern China. Frontiers in Earth Science, 2020, 7, .	1.8	19
136	Increase of High Molecular Weight Organosulfate With Intensifying Urban Air Pollution in the Megacity Beijing. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032200.	3.3	30
137	Summertime fluorescent bioaerosol particles in the coastal megacity Tianjin, North China. Science of the Total Environment, 2020, 723, 137966.	8.0	12
138	Fine particle characterization in a coastal city in China: composition, sources, and impacts of industrial emissions. Atmospheric Chemistry and Physics, 2020, 20, 2877-2890.	4.9	23
139	Molecular markers of biomass burning and primary biological aerosols in urban Beijing: size distribution and seasonal variation. Atmospheric Chemistry and Physics, 2020, 20, 3623-3644.	4.9	22
140	Molecular composition and sources of water-soluble organic aerosol in summer in Beijing. Chemosphere, 2020, 255, 126850.	8.2	9
141	Changes of Emission Sources to Nitrate Aerosols in Beijing After the Clean Air Actions: Evidence From Dual Isotope Compositions. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031998.	3.3	41
142	Fossil and Non-fossil Fuel Sources of Organic and Elemental Carbonaceous Aerosol in Beijing, Shanghai, and Guangzhou: Seasonal Carbon Source Variation. Aerosol and Air Quality Research, 2020, 20, 2495-2506.	2.1	16
143	Vertical distribution of particle-phase dicarboxylic acids, oxoacids and <i>Î±</i>-dicarbonyls in the urban boundary layer based on the 325â€‰m tower in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 10331-10350.	4.9	14
144	Characterization of submicron organic particles in Beijing during summertime: comparison between SP-AMS and HR-AMS. Atmospheric Chemistry and Physics, 2020, 20, 14091-14102.	4.9	19

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145	Source apportionment of black carbon aerosols from light absorption observation and source-oriented modeling: an implication in a coastal city in China. Atmospheric Chemistry and Physics, 2020, 20, 14419-14435.	4.9	24
146	Elevated levels of OH observed in haze events during wintertime in central Beijing. Atmospheric Chemistry and Physics, 2020, 20, 14847-14871.	4.9	62
147	Surfaceâ€“atmosphere fluxes of volatile organic compounds in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 15101-15125.	4.9	13
148	An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. Atmospheric Measurement Techniques, 2020, 13, 6325-6341.	3.1	16
149	Abundance and viability of particle-attached and free-floating bacteria in dusty and nondusty air. Biogeosciences, 2020, 17, 4477-4487.	3.3	18
150	Urban Haze in the North China Plain: Obervations from NACMON. Bulletin of the American Meteorological Society, 2020, 101, 53-58.	3.3	1
151	Modeling of aerosol property evolution during winter haze episodes over a megacity cluster in northern China: roles of regional transport and heterogeneous reactions of SO₂. Atmospheric Chemistry and Physics, 2019, 19, 9351-9370.	4.9	32
152	A Black Carbonâ€Tracer Method for Estimating Cooking Organic Aerosol From Aerosol Mass Spectrometer Measurements. Geophysical Research Letters, 2019, 46, 8474-8483.	4.0	16
153	Large contribution of fine carbonaceous aerosols from municipal waste burning inferred from distributions of diacids and fatty acids. Environmental Research Communications, 2019, 1, 071005.	2.3	5
154	Role of Ammonia on the Feedback Between AWC and Inorganic Aerosol Formation During Heavy Pollution in theÂNorthÂChinaÂPlain. Earth and Space Science, 2019, 6, 1675-1693.	2.6	44
155	Insight into the composition of organic compounds (â€‰â‰¥â€‰â€‰C₆) in PM_{2.5} in wintertime in Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 10865-10881.	4.9	12
156	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10248-10263.	3.3	56
157	Nitrate Isotopic Composition in Precipitation at a Chinese Megacity: Seasonal Variations, Atmospheric Processes, and Implications for Sources. Earth and Space Science, 2019, 6, 2200-2213.	2.6	32
158	Characterization of Secondary Organic Aerosol Tracers over Tianjin, North China during Summer to Autumn. ACS Earth and Space Chemistry, 2019, 3, 2339-2352.	2.7	11
159	Compositional Characteristics of Fluvial Particulate Organic Matter Exported From the World's Largest Alpine Wetland. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2709-2727.	3.0	3
160	Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. Environmental Science & Technology, 2019, 53, 12506-12518.	10.0	45
161	Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. Science of the Total Environment, 2019, 697, 134095.	8.0	10
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