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	Investigation of the sources and evolution processes of severe haze pollution in Beijing in January 2013. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4380-4398.	3.3	581
2	Aerosol composition, sources and processes during wintertime in Beijing, China. Atmospheric Chemistry and Physics, 2013, 13, 4577-4592.	4.9	507
3	The impact of relative humidity on aerosol composition and evolution processes during wintertime in Beijing, China. Atmospheric Environment, 2013, 77, 927-934.	4.1	330
4	Long-term real-time measurements of aerosol particle composition in Beijing, China: seasonal variations, meteorological effects, and source analysis. Atmospheric Chemistry and Physics, 2015, 15, 10149-10165.	4.9	324
5	Primary and secondary aerosols in Beijing in winter: sources, variations and processes. Atmospheric Chemistry and Physics, 2016, 16, 8309-8329.	4.9	288
6	PM2.5 in the Yangtze River Delta, China: Chemical compositions, seasonal variations, and regional pollution events. Environmental Pollution, 2017, 223, 200-212.	7.5	236
7	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources. Atmospheric Chemistry and Physics, 2015, 15, 1573-1584.	4.9	213
8	Ubiquity of bisphenol A in the atmosphere. Environmental Pollution, 2010, 158, 3138-3143.	7.5	210
9	Molecular characterization of urban organic aerosol in tropical India: contributions of primary emissions and secondary photooxidation. Atmospheric Chemistry and Physics, 2010, 10, 2663-2689.	4.9	200
10	Organic molecular compositions and temporal variations of summertime mountain aerosols over Mt. Tai, North China Plain. Journal of Geophysical Research, 2008, 113, .	3.3	199
11	Air pollutionâ€“aerosol interactions produce more bioavailable iron for ocean ecosystems. Science Advances, 2017, 3, e1601749.	10.3	182
12	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. Scientific Reports, 2015, 5, 9580.	3.3	180
13	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. Environmental Science & Technology, 2017, 51, 762-770.	10.0	179
14	Organic molecular composition of marine aerosols over the Arctic Ocean in summer: contributions of primary emission and secondary aerosol formation. Biogeosciences, 2013, 10, 653-667.	3.3	169
15	Rapid formation and evolution of an extreme haze episode in Northern China during winter 2015. Scientific Reports, 2016, 6, 27151.	3.3	162
16	Seasonal variations of sugars in atmospheric particulate matter from Gosan, Jeju Island: Significant contributions of airborne pollen and Asian dust in spring. Atmospheric Environment, 2012, 55, 234-239.	4.1	161
17	â€œAPEC Blueâ€• Secondary Aerosol Reductions from Emission Controls in Beijing. Scientific Reports, 2016, 6, 20668.	3.3	155
18	Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From Highâ€Resolution Aerosol Mass Spectrometry. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1132-1147.	3.3	155

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19	Isoprene, Monoterpene, and Sesquiterpene Oxidation Products in the High Arctic Aerosols during Late Winter to Early Summer. Environmental Science & Technology, 2009, 43, 4022-4028.	10.0	149
20	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. Atmospheric Research, 2019, 220, 20-33.	4.1	144
21	Characteristics of organic phosphorus fractions in different trophic sediments of lakes from the middle and lower reaches of Yangtze River region and Southwestern Plateau, China. Environmental Pollution, 2008, 152, 366-372.	7.5	142
22	Diurnal variations of organic molecular tracers and stable carbon isotopic composition in atmospheric aerosols over Mt. Tai in the North China Plain: an influence of biomass burning. Atmospheric Chemistry and Physics, 2012, 12, 8359-8375.	4.9	141
23	Isotopic Composition of Atmospheric Mercury in China: New Evidence for Sources and Transformation Processes in Air and in Vegetation. Environmental Science & Technology, 2016, 50, 9262-9269.	10.0	139
24	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
25	Molecular characterization of marine organic aerosols collected during a round-the-world cruise. Journal of Geophysical Research, 2011, 116, .	3.3	136
26	Rapid formation of a severe regional winter haze episode over a mega-city cluster on the North China Plain. Environmental Pollution, 2017, 223, 605-615.	7.5	136
27	Photochemical and Other Sources of Organic Compounds in the Canadian High Arctic Aerosol Pollution during Winterâ^'Spring. Environmental Science & Technology, 2009, 43, 286-292.	10.0	134
28	Dicarboxylic acids, ketocarboxylic acids and glyoxal in the marine aerosols collected during a round-the-world cruise. Marine Chemistry, 2013, 148, 22-32.	2.3	129
29	Seasonal variation characteristic of inhalable microbial communities in PM2.5 in Beijing city, China. Science of the Total Environment, 2018, 610-611, 308-315.	8.0	127
30	Real-Time Characterization of Aerosol Particle Composition above the Urban Canopy in Beijing: Insights into the Interactions between the Atmospheric Boundary Layer and Aerosol Chemistry. Environmental Science & Technology, 2015, 49, 11340-11347.	10.0	124
31	Impact of Gobi desert dust on aerosol chemistry of Xi'an, inland China during spring 2009: differences in composition and size distribution between the urban ground surface and the mountain atmosphere. Atmospheric Chemistry and Physics, 2013, 13, 819-835.	4.9	118
32	Aerosol composition, oxidation properties, and sources in Beijing: results from the 2014 Asia-Pacific Economic Cooperation summit study. Atmospheric Chemistry and Physics, 2015, 15, 13681-13698.	4.9	117
33	Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. Environmental Science & Technology, 2019, 53, 3471-3479.	10.0	115
34	Seasonal variation of levoglucosan in aerosols over the western North Pacific and its assessment as a biomass-burning tracer. Atmospheric Environment, 2010, 44, 3511-3518.	4.1	112
35	Bacteria and Antibiotic Resistance Genes (ARGs) in PM_{2.5} from China: Implications for Human Exposure. Environmental Science & Technology, 2019, 53, 963-972.	10.0	111
36	Contributions of biogenic volatile organic compounds to the formation of secondary organic aerosols over Mt. Tai, Central East China. Atmospheric Environment, 2010, 44, 4817-4826.	4.1	110

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37	Source apportionment of organic aerosol from 2-year highly time-resolved measurements by an aerosol chemical speciation monitor in Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 8469-8489.	4.9	110
38	Contributions of City-Specific Fine Particulate Matter (PM_{2.5}) to Differential In Vitro Oxidative Stress and Toxicity Implications between Beijing and Guangzhou of China. Environmental Science & Technology, 2019, 53, 2881-2891.	10.0	109
39	Characteristics and sources of submicron aerosols above the urban canopy (260 m) in Beijing, China, during the 2014 APEC summit. Atmospheric Chemistry and Physics, 2015, 15, 12879-12895.	4.9	100
40	A conceptual framework for mixing structures in individual aerosol particles. Journal of Geophysical Research D: Atmospheres, 2016, 121, 13,784.	3.3	98
41	Introduction to the special issue â€œIn-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)â€• Atmospheric Chemistry and Physics, 2019, 19, 7519-7546.	4.9	95
42	Contributions of biomass/biofuel burning to organic aerosols and particulate matter in Tanzania, East Africa, based on analyses of ionic species, organic and elemental carbon, levoglucosan and mannosan. Atmospheric Chemistry and Physics, 2013, 13, 10325-10338.	4.9	94
43	Fluorescent water-soluble organic aerosols in the High Arctic atmosphere. Scientific Reports, 2015, 5, 9845.	3.3	94
44	Carbon isotopic evolution of the terminal Neoproterozoic and early Cambrian: Evidence from the Yangtze Platform, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 254, 140-157.	2.3	91
45	Chemical composition of aerosol particles and light extinction apportionment before and during the heating season in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12708-12722.	3.3	91
46	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260â€¯m in Beijing. Atmospheric Chemistry and Physics, 2017, 17, 3215-3232.	4.9	90
47	Contrasting physical properties of black carbon in urban Beijing between winter and summer. Atmospheric Chemistry and Physics, 2019, 19, 6749-6769.	4.9	89
48	Seasonal variations of stable carbon isotopic composition and biogenic tracer compounds of water-soluble organic aerosols in a deciduous forest. Atmospheric Chemistry and Physics, 2012, 12, 1367-1376.	4.9	86
49	Radiative and heterogeneous chemical effects of aerosols on ozone and inorganic aerosols over East Asia. Science of the Total Environment, 2018, 622-623, 1327-1342.	8.0	84
50	Characterization of black carbon-containing fine particles in Beijing during wintertime. Atmospheric Chemistry and Physics, 2019, 19, 447-458.	4.9	84
51	Variations of bacteria and fungi in PM2.5 in Beijing, China. Atmospheric Environment, 2018, 172, 55-64.	4.1	83
52	Primary biogenic and anthropogenic sources of organic aerosols in Beijing, China: Insights from saccharides and n-alkanes. Environmental Pollution, 2018, 243, 1579-1587.	7.5	78
53	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. Environmental Science & Technology, 2018, 52, 7203-7211.	10.0	78
54	Secondary Production of Organic Aerosols from Biogenic VOCs over Mt. Fuji, Japan. Environmental Science & Technology, 2014, 48, 8491-8497.	10.0	77

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55	Fluorescence characterization of dissolved organic matter in an urban river and its complexation with Hg(II). Applied Geochemistry, 2007, 22, 1668-1679.	3.0	76
56	High abundances of oxalic, azelaic, and glyoxylic acids and methylglyoxal in the open ocean with high biological activity: Implication for secondary OA formation from isoprene. Geophysical Research Letters, 2014, 41, 3649-3657.	4.0	75
57	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
58	Response of aerosol chemistry to clean air action in Beijing, China: Insights from two-year ACSM measurements and model simulations. Environmental Pollution, 2019, 255, 113345.	7.5	74
59	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 165-179.	4.9	73
60	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
61	Modeling study of surface ozone source-receptor relationships in East Asia. Atmospheric Research, 2016, 167, 77-88.	4.1	71
62	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. National Science Review, 2017, 4, 593-610.	9.5	71
63	Long-term observations of saccharides in remote marine aerosols from the western North Pacific: A comparison between 1990â€“1993 and 2006â€“2009 periods. Atmospheric Environment, 2013, 67, 448-458.	4.1	70
64	Overview of biological ice nucleating particles in the atmosphere. Environment International, 2021, 146, 106197.	10.0	69
65	Ultraviolet absorbance titration for determining stability constants of humic substances with Cu(II) and Hg(II). Analytica Chimica Acta, 2008, 616, 115-121.	5.4	64
66	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
67	Elevated levels of OH observed in haze events during wintertime in central Beijing. Atmospheric Chemistry and Physics, 2020, 20, 14847-14871.	4.9	62
68	Isotopic composition for source identification of mercury in atmospheric fine particles. Atmospheric Chemistry and Physics, 2016, 16, 11773-11786.	4.9	61
69	Significant impacts of heterogeneous reactions on the chemical composition and mixing state of dust particles: A case study during dust events over northern China. Atmospheric Environment, 2017, 159, 83-91.	4.1	60
70	Influence of continental organic aerosols to the marine atmosphere over the East China Sea: Insights from lipids, PAHs and phthalates. Science of the Total Environment, 2017, 607-608, 339-350.	8.0	59
71	Proteins and Amino Acids in Fine Particulate Matter in Rural Guangzhou, Southern China: Seasonal Cycles, Sources, and Atmospheric Processes. Environmental Science & Technology, 2017, 51, 6773-6781.	10.0	58
72	High Contribution of Nonfossil Sources to Submicrometer Organic Aerosols in Beijing, China. Environmental Science & Technology, 2017, 51, 7842-7852.	10.0	58

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73	Molecular markers of biomass burning, fungal spores and biogenic SOA in the Taklimakan desert aerosols. Atmospheric Environment, 2016, 130, 64-73.	4.1	57
74	Production of N₂O₅ and ClNO₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	4.9	57
75	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
76	Direct observations of organic aerosols in common wintertime hazes in North China: insights into direct emissions from Chinese residential stoves. Atmospheric Chemistry and Physics, 2017, 17, 1259-1270.	4.9	56
77	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10248-10263.	3.3	56
78	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
79	Long-term characterization of aerosol chemistry in cold season from 2013 to 2020 in Beijing, China. Environmental Pollution, 2021, 268, 115952.	7.5	56
80	Brown carbon in the cryosphere: Current knowledge and perspective. Advances in Climate Change Research, 2016, 7, 82-89.	5.1	55
81	Anthropogenic and biogenic organic compounds in summertime fine aerosols (PM2.5) in Beijing, China. Atmospheric Environment, 2016, 124, 166-175.	4.1	55
82	Molecular distribution and compound-specific stable carbon isotopic composition of dicarboxylic acids, oxocarboxylic acids and <i>Î±</i>-dicarbonyls in PM_{2.5} from Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 2749-2767.	4.9	55
83	Characterization of biogenic primary and secondary organic aerosols in the marine atmosphere over the East China Sea. Atmospheric Chemistry and Physics, 2018, 18, 13947-13967.	4.9	54
84	Seasonal cycles of waterâ€soluble organic nitrogen aerosols in a deciduous broadleaf forest in northern Japan. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1440-1454.	3.3	53
85	Real-time observational evidence of changing Asian dust morphology with the mixing of heavy anthropogenic pollution. Scientific Reports, 2017, 7, 335.	3.3	53
86	Simultaneous measurements of particle number size distributions at ground level and 260â€¯m on a meteorological tower in urban Beijing, China. Atmospheric Chemistry and Physics, 2017, 17, 6797-6811.	4.9	52
87	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
88	Interaction between carbamazepine and humic substances: A fluorescence spectroscopy study. Environmental Toxicology and Chemistry, 2008, 27, 95-102.	4.3	51
89	Molecular Markers of Secondary Organic Aerosol in Mumbai, India. Environmental Science & Technology, 2016, 50, 4659-4667.	10.0	51
90	Atmospheric lead in urban Guiyang, Southwest China: Isotopic source signatures. Atmospheric Environment, 2015, 115, 163-169.	4.1	50

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91	Springtime precipitation effects on the abundance of fluorescent biological aerosol particles and HULIS in Beijing. Scientific Reports, 2016, 6, 29618.	3.3	50
92	Light absorption enhancement of black carbon in urban Beijing in summer. Atmospheric Environment, 2019, 213, 499-504.	4.1	49
93	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosolâ˜†. Environmental Pollution, 2021, 268, 115906.	7.5	49
94	Deciphering dissolved organic matter by Fourier transform ion cyclotron resonance mass spectrometryÂ(FT-ICR MS): from bulk to fractions and individuals. , 2022, 1, .		49
95	Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. Environmental Science & Technology, 2019, 53, 12506-12518.	10.0	45
96	Summertime aerosol volatility measurements in Beijing, China. Atmospheric Chemistry and Physics, 2019, 19, 10205-10216.	4.9	45
97	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. Environmental Pollution, 2020, 257, 113616.	7.5	45
98	Spectroscopic characterization and molecular weight distribution of dissolved organic matter in sediment porewaters from Lake Erhai, Southwest China. Biogeochemistry, 2006, 81, 179-189.	3.5	44
99	Diurnal variations of polar organic tracers in summer forest aerosols: A case study of a Quercus and Picea mixed forest in Hokkaido, Japan. Geochemical Journal, 2011, 45, 297-308.	1.0	44
100	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
101	Enhanced modern carbon and biogenic organic tracers in Northeast Asian aerosols during spring/summer. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2362-2371.	3.3	43
102	Temporal and spatial distributions of dissolved organic carbon and nitrogen in two small lakes on the Southwestern China Plateau. Limnology, 2008, 9, 163-171.	1.5	42
103	Size distributions of n-alkanes, fatty acids and fatty alcohols in springtime aerosols from New Delhi, India. Environmental Pollution, 2016, 219, 957-966.	7.5	42
104	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. ACS Earth and Space Chemistry, 2017, 1, 673-682.	2.7	42
105	Influence of biomass burning on atmospheric aerosols over the western South China Sea: Insights from ions, carbonaceous fractions and stable carbon isotope ratios. Environmental Pollution, 2018, 242, 1800-1809.	7.5	42
106	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
107	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
108	Seasonal variations of biogenic secondary organic aerosol tracers in Cape Hedo, Okinawa. Atmospheric Environment, 2016, 130, 113-119.	4.1	41

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109	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
110	Atmospheric chemistry of nitrogenous aerosols in northeastern Asia: biological sources and secondary formation. Atmospheric Chemistry and Physics, 2015, 15, 9883-9896.	4.9	40
111	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
112	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
113	Overview of the Mount Tai Experiment (MTX2006) in central East China in June 2006: studies of significant regional air pollution. Atmospheric Chemistry and Physics, 2013, 13, 8265-8283.	4.9	39
114	Using stable isotopes to trace sources and formation processes of sulfate aerosols from Beijing, China. Scientific Reports, 2016, 6, 29958.	3.3	39
115	Impact of Arctic amplification on declining spring dust events in East Asia. Climate Dynamics, 2020, 54, 1913-1935.	3.8	39
116	Molecular Characterization and Seasonal Variation in Primary and Secondary Organic Aerosols in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,394.	3.3	38
117	Aerosol Ammonium in the Urban Boundary Layer in Beijing: Insights from Nitrogen Isotope Ratios and Simulations in Summer 2015. Environmental Science and Technology Letters, 2019, 6, 389-395.	8.7	38
118	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
119	Thirteen years of observations on primary sugars and sugar alcohols over remote Chichijima Island in the western North Pacific. Atmospheric Chemistry and Physics, 2018, 18, 81-101.	4.9	37
120	Mixing characteristics of refractory black carbon aerosols at an urban site in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 5771-5785.	4.9	37
121	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
122	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
123	Size-segregated sugar composition of transported dust aerosols from Middle-East over Delhi during March 2012. Atmospheric Research, 2017, 189, 24-32.	4.1	36
124	Impacts of springtime biomass burning in the northern Southeast Asia on marine organic aerosols over the Gulf of Tonkin, China. Environmental Pollution, 2018, 237, 285-297.	7.5	36
125	Seasonal pattern of ammonium 15N natural abundance in precipitation at a rural forested site and implications for NH3 source partitioning. Environmental Pollution, 2019, 247, 541-549.	7.5	36
126	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

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127	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
128	Carbon and oxygen isotopic composition of Lower to Middle Cambrian sediments at Taijiang, Guizhou Province, China. Geological Magazine, 2005, 142, 723-733.	1.5	35
129	Excitation-emission matrix characterization of dissolved organic matter sources in two eutrophic lakes (Southwestern China Plateau). Geochemical Journal, 2010, 44, 99-112.	1.0	35
130	Evidence of formation of submicrometer waterâ€soluble organic aerosols at a deciduous forest site in northern Japan in summer. Journal of Geophysical Research, 2012, 117, .	3.3	35
131	Response of aerosol composition to different emission scenarios in Beijing, China. Science of the Total Environment, 2016, 571, 902-908.	8.0	35
132	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
133	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
134	High abundances of dicarboxylic acids, oxocarboxylic acids, and Î±-dicarbonyls in fine aerosols (PM2.5) in Chengdu, China during wintertime haze pollution. Environmental Science and Pollution Research, 2015, 22, 12902-12918.	5.3	34
135	Diel variation in mercury stable isotope ratios records photoreduction of PM_{2.5}-bound mercury. Atmospheric Chemistry and Physics, 2019, 19, 315-325.	4.9	34
136	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
137	Measurements of traffic-dominated pollutant emissions in a Chinese megacity. Atmospheric Chemistry and Physics, 2020, 20, 8737-8761.	4.9	33
138	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
139	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
140	Vertical distributions of 239+240Pu activity and 240Pu/239Pu atom ratio in sediment core of Lake Chenghai, SW China. Journal of Radioanalytical and Nuclear Chemistry, 2008, 275, 37-42.	1.5	32
141	Aircraft measurements of polar organic tracer compounds in tropospheric particles (PM₁₀) over central China. Atmospheric Chemistry and Physics, 2014, 14, 4185-4199.	4.9	32
142	Molecular distributions and compound-specific stable carbon isotopic compositions of lipids in wintertime aerosols from Beijing. Scientific Reports, 2016, 6, 27481.	3.3	32
143	Evolutionary processes and sources of high-nitrate haze episodes over Beijing, Spring. Journal of Environmental Sciences, 2017, 54, 142-151.	6.1	32
144	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

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145	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
146	Aromatic acids as biomass-burning tracers in atmospheric aerosols and ice cores: A review. Environmental Pollution, 2019, 247, 216-228.	7.5	32
147	Biological Aerosol Particles in Polluted Regions. Current Pollution Reports, 2020, 6, 65-89.	6.6	32
148	High Molecular Diversity of Organic Nitrogen in Urban Snow in North China. Environmental Science & Technology, 2021, 55, 4344-4356.	10.0	32
149	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
150	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
151	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 2513-2526.	3.3	30
152	Dicarboxylic acids, oxocarboxylic acids and Î±-dicarbonyls in atmospheric aerosols from Mt. Fuji, Japan: Implication for primary emission versus secondary formation. Atmospheric Research, 2019, 221, 58-71.	4.1	30
153	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
154	Source contributions to multiple toxic potentials of atmospheric organic aerosols. Science of the Total Environment, 2021, 773, 145614.	8.0	30
155	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
156	Evidence for a missing source of efficient ice nuclei. Scientific Reports, 2017, 7, 39673.	3.3	29
157	Enhanced Light Scattering of Secondary Organic Aerosols by Multiphase Reactions. Environmental Science & Technology, 2017, 51, 1285-1292.	10.0	29
158	Molecular composition and seasonal variation of amino acids in urban aerosols from Beijing, China. Atmospheric Research, 2018, 203, 28-35.	4.1	29
159	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. Science of the Total Environment, 2019, 681, 226-234.	8.0	29
160	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
161	Alkanes and aliphatic carbonyl compounds in wintertime PM2.5 in Beijing, China. Atmospheric Environment, 2019, 202, 244-255.	4.1	28
162	Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. ACS Earth and Space Chemistry, 2019, 3, 273-284.	2.7	28

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163	Precursors and Pathways Leading to Enhanced Secondary Organic Aerosol Formation during Severe Haze Episodes. Environmental Science & Technology, 2021, 55, 15680-15693.	10.0	28
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