

Pingqing Fu

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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	Investigation of the sources and evolution processes of severe haze pollution in Beijing in January 2013. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 4380-4398	4.4	505
327	Aerosol composition, sources and processes during wintertime in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 4577-4592	6.8	418
326	The impact of relative humidity on aerosol composition and evolution processes during wintertime in Beijing, China. <i>Atmospheric Environment</i> , 2013 , 77, 927-934	5.3	270
325	Long-term real-time measurements of aerosol particle composition in Beijing, China: seasonal variations, meteorological effects, and source analysis. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 10149-10165	6.8	251
324	Primary and secondary aerosols in Beijing in winter: sources, variations and processes. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 8309-8329	6.8	206
323	PM in the Yangtze River Delta, China: Chemical compositions, seasonal variations, and regional pollution events. <i>Environmental Pollution</i> , 2017 , 223, 200-212	9.3	180
322	Organic molecular compositions and temporal variations of summertime mountain aerosols over Mt. Tai, North China Plain. <i>Journal of Geophysical Research</i> , 2008 , 113,		169
321	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 1573-1584	6.8	167
320	Ubiquity of bisphenol A in the atmosphere. <i>Environmental Pollution</i> , 2010 , 158, 3138-43	9.3	163
319	Molecular characterization of urban organic aerosol in tropical India: contributions of primary emissions and secondary photooxidation. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 2663-2689	6.8	151
318	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. <i>Scientific Reports</i> , 2015 , 5, 9580	4.9	143
317	"APEC Blue": Secondary Aerosol Reductions from Emission Controls in Beijing. <i>Scientific Reports</i> , 2016 , 6, 20668	4.9	132
316	Rapid formation and evolution of an extreme haze episode in Northern China during winter 2015. <i>Scientific Reports</i> , 2016 , 6, 27151	4.9	131
315	Air pollution-aerosol interactions produce more bioavailable iron for ocean ecosystems. <i>Science Advances</i> , 2017 , 3, e1601749	14.3	128
314	Organic molecular composition of marine aerosols over the Arctic Ocean in summer: contributions of primary emission and secondary aerosol formation. <i>Biogeosciences</i> , 2013 , 10, 653-667	4.6	128
313	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. <i>Environmental Science & Technology</i> , 2017 , 51, 762-770	10.3	127
312	Seasonal variations of sugars in atmospheric particulate matter from Gosan, Jeju Island: Significant contributions of airborne pollen and Asian dust in spring. <i>Atmospheric Environment</i> , 2012 , 55, 234-239	5.3	123

311	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. <i>Environmental Pollution</i> , 2008 , 152, 366-72	9.3	123
310	Isoprene, monoterpene, and sesquiterpene oxidation products in the high Arctic aerosols during late winter to early summer. <i>Environmental Science & Technology</i> , 2009 , 43, 4022-8	10.3	122
309	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. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 8359-8375	6.8	112
308	Photochemical and other sources of organic compounds in the Canadian high arctic aerosol pollution during winter-spring. <i>Environmental Science & Technology</i> , 2009 , 43, 286-92	10.3	109
307	Changes in Aerosol Chemistry From 2014 to 2016 in Winter in Beijing: Insights From High-Resolution Aerosol Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 1132-1147	4.4	109
306	Rapid formation of a severe regional winter haze episode over a mega-city cluster on the North China Plain. <i>Environmental Pollution</i> , 2017 , 223, 605-615	9.3	107
305	Molecular characterization of marine organic aerosols collected during a round-the-world cruise. <i>Journal of Geophysical Research</i> , 2011 , 116,		104
304	Dicarboxylic acids, ketocarboxylic acids and glyoxal in the marine aerosols collected during a round-the-world cruise. <i>Marine Chemistry</i> , 2013 , 148, 22-32	3.7	99
303	Aerosol composition, oxidation properties, and sources in Beijing: results from the 2014 Asia-Pacific Economic Cooperation summit study. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 13681-13698	6.8	95
302	Seasonal variation of levoglucosan in aerosols over the western North Pacific and its assessment as a biomass-burning tracer. <i>Atmospheric Environment</i> , 2010 , 44, 3511-3518	5.3	95
301	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. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 819-835	6.8	93
300	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
299	Isotopic Composition of Atmospheric Mercury in China: New Evidence for Sources and Transformation Processes in Air and in Vegetation. <i>Environmental Science & Technology</i> , 2016 , 50, 9262-9	10.3	91
298	Seasonal variation characteristic of inhalable microbial communities in PM in Beijing city, China. <i>Science of the Total Environment</i> , 2018 , 610-611, 308-315	10.2	89
297	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. <i>Environmental Science & Technology</i> , 2015 , 49, 11340-7	10.3	87
296	Contributions of biogenic volatile organic compounds to the formation of secondary organic aerosols over Mt. Tai, Central East China. <i>Atmospheric Environment</i> , 2010 , 44, 4817-4826	5.3	86
295	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. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 10325-10338	6.8	82
294	Characteristics and sources of submicron aerosols above the urban canopy (260 m) in Beijing, China, during the 2014 APEC summit. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 12879-12895	6.8	80

293	Carbon isotopic evolution of the terminal Neoproterozoic and early Cambrian: Evidence from the Yangtze Platform, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 254, 140-157	2.9	79
292	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. <i>Atmospheric Research</i> , 2019 , 220, 20-33	5.4	79
291	A conceptual framework for mixing structures in individual aerosol particles. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 13,784-13,798	4.4	78
290	Chemical composition of aerosol particles and light extinction apportionment before and during the heating season in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 12708-12722	4.4	74
289	Introduction to the special issue In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing) <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 7519-7546	6.8	73
288	Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. <i>Environmental Science & Technology</i> , 2019 , 53, 3471-3479	10.3	70
287	Source apportionment of organic aerosol from 2-year highly time-resolved measurements by an aerosol chemical speciation monitor in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 8469-8489	6.8	70
286	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260 m in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 3215-3232	6.8	70
285	Seasonal variations of stable carbon isotopic composition and biogenic tracer compounds of water-soluble organic aerosols in a deciduous forest. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 1367-1376	6.8	69
284	Fluorescence characterization of dissolved organic matter in an urban river and its complexation with Hg(II). <i>Applied Geochemistry</i> , 2007 , 22, 1668-1679	3.5	67
283	Bacteria and Antibiotic Resistance Genes (ARGs) in PM from China: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2019 , 53, 963-972	10.3	66
282	Fluorescent water-soluble organic aerosols in the High Arctic atmosphere. <i>Scientific Reports</i> , 2015 , 5, 9845	4.9	65
281	Ultraviolet absorbance titration for determining stability constants of humic substances with Cu(II) and Hg(II). <i>Analytica Chimica Acta</i> , 2008 , 616, 115-21	6.6	61
280	Contributions of City-Specific Fine Particulate Matter (PM) to Differential In Vitro Oxidative Stress and Toxicity Implications between Beijing and Guangzhou of China. <i>Environmental Science & Technology</i> , 2019 , 53, 2881-2891	10.3	60
279	Secondary production of organic aerosols from biogenic VOCs over Mt. Fuji, Japan. <i>Environmental Science & Technology</i> , 2014 , 48, 8491-7	10.3	59
278	Long-term observations of saccharides in remote marine aerosols from the western North Pacific: A comparison between 1990-1993 and 2006-2009 periods. <i>Atmospheric Environment</i> , 2013 , 67, 448-458	5.3	57
277	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. <i>Environmental Science & Technology</i> , 2018 , 52, 7203-7211	10.3	55
276	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. <i>Geophysical Research Letters</i> , 2014 , 41, 3649-3657	4.9	55

275	Radiative and heterogeneous chemical effects of aerosols on ozone and inorganic aerosols over East Asia. <i>Science of the Total Environment</i> , 2018 , 622-623, 1327-1342	10.2	54
274	Contrasting physical properties of black carbon in urban Beijing between winter and summer. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6749-6769	6.8	53
273	Variations of bacteria and fungi in PM2.5 in Beijing, China. <i>Atmospheric Environment</i> , 2018 , 172, 55-64	5.3	53
272	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 165-179	6.8	52
271	Characterization of black carbon-containing fine particles in Beijing during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 447-458	6.8	51
270	Modeling study of surface ozone source-receptor relationships in East Asia. <i>Atmospheric Research</i> , 2016 , 167, 77-88	5.4	49
269	High Contribution of Nonfossil Sources to Submicrometer Organic Aerosols in Beijing, China. <i>Environmental Science & Technology</i> , 2017 , 51, 7842-7852	10.3	49
268	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. <i>National Science Review</i> , 2017 , 4, 593-610	10.8	48
267	Response of aerosol chemistry to clean air action in Beijing, China: Insights from two-year ACSM measurements and model simulations. <i>Environmental Pollution</i> , 2019 , 255, 113345	9.3	46
266	Significant impacts of heterogeneous reactions on the chemical composition and mixing state of dust particles: A case study during dust events over northern China. <i>Atmospheric Environment</i> , 2017 , 159, 83-91	5.3	43
265	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
264	Direct observations of organic aerosols in common wintertime hazes in North China: insights into direct emissions from Chinese residential stoves. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 1259-1270	6.8	43
263	Seasonal cycles of water-soluble organic nitrogen aerosols in a deciduous broadleaf forest in northern Japan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 1440-1454	4.4	43
262	Interaction between carbamazepine and humic substances: a fluorescence spectroscopy study. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 95-102	3.8	43
261	Molecular markers of biomass burning, fungal spores and biogenic SOA in the Taklimakan desert aerosols. <i>Atmospheric Environment</i> , 2016 , 130, 64-73	5.3	42
260	Primary biogenic and anthropogenic sources of organic aerosols in Beijing, China: Insights from saccharides and n-alkanes. <i>Environmental Pollution</i> , 2018 , 243, 1579-1587	9.3	42
259	Anthropogenic and biogenic organic compounds in summertime fine aerosols (PM2.5) in Beijing, China. <i>Atmospheric Environment</i> , 2016 , 124, 166-175	5.3	41
258	Real-time observational evidence of changing Asian dust morphology with the mixing of heavy anthropogenic pollution. <i>Scientific Reports</i> , 2017 , 7, 335	4.9	41

257	Influence of continental organic aerosols to the marine atmosphere over the East China Sea: Insights from lipids, PAHs and phthalates. <i>Science of the Total Environment</i> , 2017 , 607-608, 339-350	10.2	41
256	Production of N₂O₅ and ClNO₂ in summer in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11581-11597	6.8	40
255	Brown carbon in the cryosphere: Current knowledge and perspective. <i>Advances in Climate Change Research</i> , 2016 , 7, 82-89	4.1	39
254	Proteins and Amino Acids in Fine Particulate Matter in Rural Guangzhou, Southern China: Seasonal Cycles, Sources, and Atmospheric Processes. <i>Environmental Science & Technology</i> , 2017 , 51, 6773-6781	10.3	38
253	Temporal and spatial distributions of dissolved organic carbon and nitrogen in two small lakes on the Southwestern China Plateau. <i>Limnology</i> , 2008 , 9, 163-171	1.7	37
252	Springtime precipitation effects on the abundance of fluorescent biological aerosol particles and HULIS in Beijing. <i>Scientific Reports</i> , 2016 , 6, 29618	4.9	37
251	Molecular distribution and compound-specific stable carbon isotopic composition of dicarboxylic acids, oxocarboxylic acids and α -dicarbonyls in PM_{2.5} from Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 2749-2767	6.8	36
250	Atmospheric lead in urban Guiyang, Southwest China: Isotopic source signatures. <i>Atmospheric Environment</i> , 2015 , 115, 163-169	5.3	36
249	Overview of the Mount Tai Experiment (MTX2006) in central East China in June 2006: studies of significant regional air pollution. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8265-8283	6.8	36
248	Diurnal variations of polar organic tracers in summer forest aerosols: A case study of a Quercus and Picea mixed forest in Hokkaido, Japan. <i>Geochemical Journal</i> , 2011 , 45, 297-308	0.9	36
247	Spectroscopic characterization and molecular weight distribution of dissolved organic matter in sediment porewaters from Lake Erhai, Southwest China. <i>Biogeochemistry</i> , 2006 , 81, 179-189	3.8	36
246	Simultaneous measurements of particle number size distributions at ground level and 260 m on a meteorological tower in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 6797-6811	6.8	35
245	Molecular Markers of Secondary Organic Aerosol in Mumbai, India. <i>Environmental Science & Technology</i> , 2016 , 50, 4659-67	10.3	35
244	Enhanced modern carbon and biogenic organic tracers in Northeast Asian aerosols during spring/summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2362-2371	4.4	34
243	Isotopic composition for source identification of mercury in atmospheric fine particles. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11773-11786	6.8	33
242	Response of aerosol composition to different emission scenarios in Beijing, China. <i>Science of the Total Environment</i> , 2016 , 571, 902-8	10.2	32
241	Excitation-emission matrix characterization of dissolved organic matter sources in two eutrophic lakes (Southwestern China Plateau). <i>Geochemical Journal</i> , 2010 , 44, 99-112	0.9	32
240	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 10248-10263	4.4	31

239	Molecular Characterization and Seasonal Variation in Primary and Secondary Organic Aerosols in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 12,394-12,412	4.4	31
238	Characterization of biogenic primary and secondary organic aerosols in the marine atmosphere over the East China Sea. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 13947-13967	6.8	31
237	Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. <i>Environmental Science & Technology</i> , 2019 , 53, 12506-12518	10.3	30
236	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017 , 1, 673-682	3.2	30
235	Size-segregated sugar composition of transported dust aerosols from Middle-East over Delhi during March 2012. <i>Atmospheric Research</i> , 2017 , 189, 24-32	5.4	29
234	Evidence of formation of submicrometer water-soluble organic aerosols at a deciduous forest site in northern Japan in summer. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		29
233	Carbon and oxygen isotopic composition of Lower to Middle Cambrian sediments at Taijiang, Guizhou Province, China. <i>Geological Magazine</i> , 2005 , 142, 723-733	2	29
232	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
231	Role of Ammonia on the Feedback Between AWC and Inorganic Aerosol Formation During Heavy Pollution in the North China Plain. <i>Earth and Space Science</i> , 2019 , 6, 1675-1693	3.1	28
230	Size distributions of n-alkanes, fatty acids and fatty alcohols in springtime aerosols from New Delhi, India. <i>Environmental Pollution</i> , 2016 , 219, 957-966	9.3	28
229	Evolutionary processes and sources of high-nitrate haze episodes over Beijing, Spring. <i>Journal of Environmental Sciences</i> , 2017 , 54, 142-151	6.4	27
228	Vertical distributions of ²³⁹⁺²⁴⁰ Pu activity and ²⁴⁰ Pu/ ²³⁹ Pu atom ratio in sediment core of Lake Chenghai, SW China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008 , 275, 37-42	1.5	27
227	High abundances of dicarboxylic acids, oxocarboxylic acids, and dicarbonyls in fine aerosols (PM _{2.5}) in Chengdu, China during wintertime haze pollution. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12902-18	5.1	26
226	Atmospheric chemistry of nitrogenous aerosols in northeastern Asia: biological sources and secondary formation. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 9883-9896	6.8	26
225	Molecular distributions and compound-specific stable carbon isotopic compositions of lipids in wintertime aerosols from Beijing. <i>Scientific Reports</i> , 2016 , 6, 27481	4.9	26
224	Light absorption enhancement of black carbon in urban Beijing in summer. <i>Atmospheric Environment</i> , 2019 , 213, 499-504	5.3	25
223	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
222	Thirteen years of observations on primary sugars and sugar alcohols over remote Chichijima Island in the western North Pacific. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 81-101	6.8	25

221	Impacts of springtime biomass burning in the northern Southeast Asia on marine organic aerosols over the Gulf of Tonkin, China. <i>Environmental Pollution</i> , 2018 , 237, 285-297	9.3	25
220	Evidence for a missing source of efficient ice nuclei. <i>Scientific Reports</i> , 2017 , 7, 39673	4.9	24
219	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 2513-2526	4.4	24
218	Influence of biomass burning on atmospheric aerosols over the western South China Sea: Insights from ions, carbonaceous fractions and stable carbon isotope ratios. <i>Environmental Pollution</i> , 2018 , 242, 1800-1809	9.3	24
217	Seasonal variations of biogenic secondary organic aerosol tracers in Cape Hedo, Okinawa. <i>Atmospheric Environment</i> , 2016 , 130, 113-119	5.3	24
216	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
215	Characterization and source apportionment of organic aerosol at 260 m on a meteorological tower in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 3951-3968	6.8	23
214	Aircraft measurements of polar organic tracer compounds in tropospheric particles (PM ₁₀) over central China. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 4185-4199	6.8	23
213	Thirteen years of observations on biomass burning organic tracers over Chichijima Island in the western North Pacific: An outflow region of Asian aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 4155-4168	4.4	23
212	Stable carbon and nitrogen isotopic compositions of tropical atmospheric aerosols: sources and contribution from burning of C3 and C4 plants to organic aerosols. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2014 , 66, 20176	3.3	23
211	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
210	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
209	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
208	Overview of biological ice nucleating particles in the atmosphere. <i>Environment International</i> , 2021 , 146, 106197	12.9	23
207	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
206	Aerosol Ammonium in the Urban Boundary Layer in Beijing: Insights from Nitrogen Isotope Ratios and Simulations in Summer 2015. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 389-395	11	22
205	Using stable isotopes to trace sources and formation processes of sulfate aerosols from Beijing, China. <i>Scientific Reports</i> , 2016 , 6, 29958	4.9	22
204	Aromatic acids as biomass-burning tracers in atmospheric aerosols and ice cores: A review. <i>Environmental Pollution</i> , 2019 , 247, 216-228	9.3	22

203	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
202	Seasonal pattern of ammonium N natural abundance in precipitation at a rural forested site and implications for NH source partitioning. <i>Environmental Pollution</i> , 2019 , 247, 541-549	9.3	21
201	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019 , 681, 226-234	10.2	21
200	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
199	Molecular composition and seasonal variation of amino acids in urban aerosols from Beijing, China. <i>Atmospheric Research</i> , 2018 , 203, 28-35	5.4	21
198	Enhanced Light Scattering of Secondary Organic Aerosols by Multiphase Reactions. <i>Environmental Science & Technology</i> , 2017 , 51, 1285-1292	10.3	20
197	Summertime aerosol volatility measurements in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 10205-10216	6.8	20
196	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
195	Non-polar organic compounds in marine aerosols over the northern South China Sea: Influence of continental outflow. <i>Chemosphere</i> , 2016 , 153, 332-9	8.4	20
194	Cloud scavenging of anthropogenic refractory particles at a mountain site in North China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 14681-14693	6.8	20
193	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
192	Dispersion of atmospheric fine particulate matters in simulated lung fluid and their effects on model cell membranes. <i>Science of the Total Environment</i> , 2016 , 542, 36-43	10.2	19
191	Modeling of aerosol property evolution during winter haze episodes over a megacity cluster in northern China: roles of regional transport and heterogeneous reactions of SO ₂ . <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 9351-9370	6.8	19
190	Hygroscopic behavior of water-soluble matter extracted from biomass burning aerosols collected at a rural site in Tanzania, East Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 12,233-12,245	4.4	19
189	Diel variation in mercury stable isotope ratios records photoreduction of PM _{2.5} -bound mercury. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 315-325	6.8	18
188	Nitrate Isotopic Composition in Precipitation at a Chinese Megacity: Seasonal Variations, Atmospheric Processes, and Implications for Sources. <i>Earth and Space Science</i> , 2019 , 6, 2200-2213	3.1	18
187	Ice core records of monoterpene- and isoprene-SOA tracers from Aurora Peak in Alaska since 1660s: Implication for climate change variability in the North Pacific Rim. <i>Atmospheric Environment</i> , 2016 , 130, 105-112	5.3	18
186	Vertical Characterization and Source Apportionment of Water-Soluble Organic Aerosol with High-resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2019 , 3, 273-284	3.2	18

185	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
184	Stable sulfur isotope ratios and chemical compositions of fine aerosols (PM) in Beijing, China. <i>Science of the Total Environment</i> , 2018 , 633, 1156-1164	10.2	17
183	High Abundance of Fluorescent Biological Aerosol Particles in Winter in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017 , 1, 493-502	3.2	17
182	Geochemistry of Cretaceous granites from Mianning in the Panxi region, Sichuan Province, southwestern China: Implications for their generation. <i>Journal of Asian Earth Sciences</i> , 2007 , 29, 737-750	2.8	17
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50	Morphology, mixing state, and hygroscopicity of primary biological aerosol particles from a Chinese boreal forest 2019 ,		2
49	Elevated levels of OH observed in haze events during wintertime in central Beijing 2020 ,		2
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