

Characterization of the sources and processes of organic aerosols in New York city with a high-resolution time-of-flight aerosol mass spectrometer

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization and Source Apportionment of Water-Soluble Organic Matter in Atmospheric Fine Particles (PM _{2.5}) with High-Resolution Aerosol Mass Spectrometry and GC-MS. <i>Environmental Science & Technology</i> , 2011, 45, 4854-4861.	4.6	114
2	Characterization of Solvent-Extractable Organics in Urban Aerosols Based on Mass Spectrum Analysis and Hygroscopic Growth Measurement. <i>Environmental Science & Technology</i> , 2011, 45, 9168-9174.	4.6	38
3	Organic nitrogen in the atmosphere – Where does it come from? A review of sources and methods. <i>Atmospheric Research</i> , 2011, 102, 30-48.	1.8	210
4	Fossil versus contemporary sources of fine elemental and organic carbonaceous particulate matter during the DAURE campaign in Northeast Spain. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12067-12084.	1.9	157
5	The 2005 Study of Organic Aerosols at Riverside (SOAR-1): instrumental intercomparisons and fine particle composition. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12387-12420.	1.9	129
6	Sources and atmospheric processing of organic aerosol in the Mediterranean: insights from aerosol mass spectrometer factor analysis. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12499-12515.	1.9	44
7	Seasonal and diurnal variations of particulate nitrate and organic matter at the IfT research station Melpitz. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12579-12599.	1.9	81
8	A case study of aerosol processing and evolution in summer in New York City. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12737-12750.	1.9	49
9	Changes in organic aerosol composition with aging inferred from aerosol mass spectra. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6465-6474.	1.9	493
10	The sensitivity of secondary organic aerosol (SOA) component partitioning to the predictions of component properties – Part 3: Investigation of condensed compounds generated by a near-explicit model of VOC oxidation. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13145-13159.	1.9	20
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13	Three-dimensional factorization of size-resolved organic aerosol mass spectra from Mexico City. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 195-224.	1.2	39
14	Pollution Gradients and Chemical Characterization of Particulate Matter from Vehicular Traffic near Major Roadways: Results from the 2009 Queens College Air Quality Study in NYC. <i>Aerosol Science and Technology</i> , 2012, 46, 1201-1218.	1.5	102
15	Characterization of submicron particles influenced by mixed biogenic and anthropogenic emissions using high-resolution aerosol mass spectrometry: results from CARES. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8131-8156.	1.9	146
16	Chemical characterization of springtime submicrometer aerosol in Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8401-8421.	1.9	101
17	Factor analysis of combined organic and inorganic aerosol mass spectra from high resolution aerosol mass spectrometer measurements. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8537-8551.	1.9	112
18	Identification and quantification of organic aerosol from cooking and other sources in Barcelona using aerosol mass spectrometer data. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1649-1665.	1.9	449
19	Characterization of near-highway submicron aerosols in New York City with a high-resolution aerosol mass spectrometer. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2215-2227.	1.9	55

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22	Highly time-resolved chemical characterization of atmospheric fine particles during 2010 Shanghai World Expo. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4897-4907.	1.9	143
23	Summertime formaldehyde observations in New York City: Ambient levels, sources and its contribution to HOx radicals. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	44
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25	Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2718.	2.1	15
26	Secondary Organic Aerosol Formation from Intermediate-Volatility Organic Compounds: Cyclic, Linear, and Branched Alkanes. <i>Environmental Science & Technology</i> , 2012, 46, 8773-8781.	4.6	178
27	Primary and secondary organic aerosols in Fresno, California during wintertime: Results from high resolution aerosol mass spectrometry. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	133
28	Secondary organic aerosol formation from fossil fuel sources contribute majority of summertime organic mass at Bakersfield. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	72
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34	NO3 radical, OH radical and O3-initiated secondary aerosol formation from aliphatic amines. <i>Atmospheric Environment</i> , 2013, 72, 105-112.	1.9	44
35	Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. <i>Atmospheric Environment</i> , 2013, 71, 260-294.	1.9	397
36	Physical and chemical characterization of ambient aerosol by HRToFAMS at a suburban site in Hong Kong during springtime 2011. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8625-8639.	1.2	56
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39	Aerosol mass spectrometric analysis of the chemical composition of non-refractory PM1 samples from school environments in Brisbane, Australia. <i>Science of the Total Environment</i> , 2013, 458-460, 81-89.	3.9	12
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47	A new source of oxygenated organic aerosol and oligomers. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 2989-3002.	1.9	17
48	Aerosol composition, sources and processes during wintertime in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4577-4592.	1.9	507
49	Wintertime aerosol chemical composition and source apportionment of the organic fraction in the metropolitan area of Paris. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 961-981.	1.9	391
50	Organic aerosol composition and sources in Pasadena, California, during the 2010 CalNex campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9233-9257.	1.2	231
51	Identification of marine and continental aerosol sources in Paris using high resolution aerosol mass spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1950-1963.	1.2	142
52	Vertically resolved chemical characteristics and sources of submicron aerosols measured on a Tall Tower in a suburban area near Denver, Colorado in winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,591.	1.2	18
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55	Intercomparison of an Aerosol Chemical Speciation Monitor (ACSM) with ambient fine aerosol measurements in downtown Atlanta, Georgia. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1929-1941.	1.2	70
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59	Source apportionment and location by selective wind sampling and Positive Matrix Factorization. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11634-11648.	2.7	11
60	Toward Understanding Amines and Their Degradation Products from Postcombustion CO ₂ Capture Processes with Aerosol Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 5066-5075.	4.6	52
61	Wintertime Aerosol Chemistry in Sub-Arctic Urban Air. <i>Aerosol Science and Technology</i> , 2014, 48, 313-323.	1.5	26
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70	Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6159-6176.	1.9	308
71	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.	1.2	53
72	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.	1.2	91
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81	Insights into characteristics, sources, and evolution of submicron aerosols during harvest seasons in the Yangtze River delta region, China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1331-1349.	1.9	116
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106	Chemical composition, sources, and aging process of submicron aerosols in Beijing: Contrast between summer and winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1955-1977.	1.2	259
107	Urban increments of gaseous and aerosol pollutants and their sources using mobile aerosol mass spectrometry measurements. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7117-7134.	1.9	31
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117	Characterization of submicron aerosols at a suburban site in central China. <i>Atmospheric Environment</i> , 2016, 131, 115-123.	1.9	37
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120	Fine particles sampled at an urban background site and an industrialized coastal site in Northern France - Part 1: Seasonal variations and chemical characterization. <i>Science of the Total Environment</i> , 2017, 578, 203-218.	3.9	22

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122	Simulating Aqueous-Phase Isoprene-Epoxydiol (IEPOX) Secondary Organic Aerosol Production During the 2013 Southern Oxidant and Aerosol Study (SOAS). <i>Environmental Science & Technology</i> , 2017, 51, 5026-5034.	4.6	86
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126	Contribution of bacteria-like particles to PM _{2.5} aerosol in urban and rural environments. <i>Atmospheric Environment</i> , 2017, 160, 97-106.	1.9	15
127	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.	4.6	179
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130	Effects of NO _x on the molecular composition of secondary organic aerosol formed by the ozonolysis and photooxidation of α -pinene. <i>Atmospheric Environment</i> , 2017, 166, 263-275.	1.9	19
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140	Chemical characterization of fine particulate matter in Changzhou, China, and source apportionment with offline aerosol mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2573-2592.	1.9	86
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154	Nitric Acid–Amine Chemistry in the Gas Phase and at the Air–Water Interface. <i>Journal of the American Chemical Society</i> , 2018, 140, 6456-6466.	6.6	51
155	Online Chemical Characterization of Food-Cooking Organic Aerosols: Implications for Source Apportionment. <i>Environmental Science & Technology</i> , 2018, 52, 5308-5318.	4.6	76
156	Chemical speciation, including polycyclic aromatic hydrocarbons (PAHs), and toxicity of particles emitted from meat cooking operations. <i>Science of the Total Environment</i> , 2018, 633, 1429-1436.	3.9	46
157	Insights into the formation of secondary organic carbon in the summertime in urban Shanghai. <i>Journal of Environmental Sciences</i> , 2018, 72, 118-132.	3.2	27
158	The effects of isoprene and NO ₂ on secondary organic aerosols formed through reversible and irreversible uptake to aerosol water. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1171-1184.	1.9	18
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160	Characterization and source apportionment of organic aerosol at 260 µm on a meteorological tower in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3951-3968.	1.9	27
161	Development of an on-line measurement system for water-soluble organic matter in PM 2.5 and its application in China. <i>Journal of Environmental Sciences</i> , 2018, 69, 33-40.	3.2	6
162	Particulate matter emissions and gaseous air toxic pollutants from commercial meat cooking operations. <i>Journal of Environmental Sciences</i> , 2018, 65, 162-170.	3.2	41

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