

# An Aerosol Chemical Speciation Monitor (ACSM) for Real-time Composition and Mass Concentrations of Ambient Aerosols

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Effects of aging on organic aerosol from open biomass burning smoke in aircraft and laboratory studies. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12049-12064.	1.9	520
3	Organic functional groups in aerosol particles from burning and non-burning forest emissions at a high-elevation mountain site. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6367-6386.	1.9	84
4	Characterization of a volcanic ash episode in southern Finland caused by the Grimsv�tn eruption in Iceland in May 2011. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12227-12239.	1.9	39
5	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
6	Seasonal variation of fine particulate composition in the centre of a UK city. <i>Atmospheric Environment</i> , 2011, 45, 4379-4389.	1.9	20
7	Temperature response of the submicron organic aerosol from temperate forests. <i>Atmospheric Environment</i> , 2011, 45, 6696-6704.	1.9	62
8	Understanding atmospheric organic aerosols via factor analysis of aerosol mass spectrometry: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 3045-3067.	1.9	764
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10	Evaluation of Composition-Dependent Collection Efficiencies for the Aerodyne Aerosol Mass Spectrometer using Field Data. <i>Aerosol Science and Technology</i> , 2012, 46, 258-271.	1.5	699
11	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
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14	A review of methods for long term in situ characterization of aerosol dust. <i>Aeolian Research</i> , 2012, 6, 55-74.	1.1	61
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17	Characterization of summer organic and inorganic aerosols in Beijing, China with an Aerosol Chemical Speciation Monitor. <i>Atmospheric Environment</i> , 2012, 51, 250-259.	1.9	296
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19	Atmospheric aerosols in Amazonia and land use change: from natural biogenic to biomass burning conditions. <i>Faraday Discussions</i> , 2013, 165, 203.	1.6	207

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21	Submicron organic aerosol in Tijuana, Mexico, from local and Southern California sources during the CalMex campaign. <i>Atmospheric Environment</i> , 2013, 70, 500-512.	1.9	35
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30	Aerosol composition, sources and processes during wintertime in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4577-4592.	1.9	507
31	Estimating the near-surface daily fine aerosol load using hourly Radon-222 observations. <i>Atmospheric Pollution Research</i> , 2013, 4, 1-13.	1.8	9
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38	Transboundary Secondary Organic Aerosol in Western Japan Indicated by the $\hat{I}^{13}C$ of Water-Soluble Organic Carbon and the $m/z$ 44 Signal in Organic Aerosol Mass Spectra. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6273-6281.	4.6	19
39	Chemical characteristics of size-resolved aerosols in winter in Beijing. <i>Journal of Environmental Sciences</i> , 2014, 26, 1641-1650.	3.2	27
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42	Measurements of submicron aerosols at the California-Mexico border during the Cal-Mex 2010 field campaign. <i>Atmospheric Environment</i> , 2014, 88, 308-319.	1.9	32
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50	Submicron aerosol source apportionment of wintertime pollution in Paris, France by double positive matrix factorization (PMF&lt;sup&gt;2&lt;/sup&gt;) using an aerosol chemical speciation monitor (ACSM) and a multi-wavelength Aethalometer. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13773-13787.	1.9	74
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60	Two years of near real-time chemical composition of submicron aerosols in the region of Paris using an Aerosol Chemical Speciation Monitor (ACSM) and a multi-wavelength Aethalometer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2985-3005.	1.9	138
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125	Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7389-7409.	1.9	76
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140	Evolution of Submicrometer Organic Aerosols during a Complete Residential Coal Combustion Process. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7861-7869.	4.6	61
141	Role of the boundary layer dynamics effects on an extreme air pollution event in Paris. <i>Atmospheric Environment</i> , 2016, 141, 571-579.	1.9	33
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143	Addressing the ice nucleating abilities of marine aerosol: A combination of deposition mode laboratory and field measurements. <i>Atmospheric Environment</i> , 2016, 132, 1-10.	1.9	66
144	The effects of molecular weight and thermal decomposition on the sensitivity of a thermal desorption aerosol mass spectrometer. <i>Aerosol Science and Technology</i> , 2016, 50, 118-125.	1.5	23
145	Evolutionary processes and sources of high-nitrate haze episodes over Beijing, Spring. <i>Journal of Environmental Sciences</i> , 2017, 54, 142-151.	3.2	32
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