James D Allan

List of Publications by Citations

260 papers	18,648 citations	63 h-index	133 g-index
349 ext. papers	21,230 ext. citations	7.3 avg, IF	5.76 L-index

#	Paper	IF	Citations
260	Evolution of organic aerosols in the atmosphere. *Science*, **2009**, 326, 1525-9	33.3	2767
259	Ubiquity and dominance of oxygenated species in organic aerosols in anthropogenically-influenced Northern Hemisphere midlatitudes. *Geophysical Research Letters*, **2007**, 34, n/a-n/a	4.9	1497
258	Chemical and microphysical characterization of ambient aerosols with the aerodyne aerosol mass spectrometer. *Mass Spectrometry Reviews*, **2007**, 26, 185-222	11	1443
257	A generalised method for the extraction of chemically resolved mass spectra from Aerodyne aerosol mass spectrometer data. *Journal of Aerosol Science*, **2004**, 35, 909-922	4.3	615
256	Deconvolution and quantification of hydrocarbon-like and oxygenated organic aerosols based on aerosol mass spectrometry. *Environmental Science & Technology*, **2005**, 39, 4938-52	10.3	551
255	Aerosol mass spectrometer constraint on the global secondary organic aerosol budget. *Atmospheric Chemistry and Physics*, **2011**, 11, 12109-12136	6.8	349
254	Characterization of urban and rural organic particulate in the Lower Fraser Valley using two Aerodyne Aerosol Mass Spectrometers. *Atmospheric Environment*, **2004**, 38, 5745-5758	5.3	344
253	Quantitative sampling using an Aerodyne aerosol mass spectrometer 1. Techniques of data interpretation and error analysis. *Journal of Geophysical Research*, **2003**, 108, n/a-n/a		332
252	Contributions from transport, solid fuel burning and cooking to primary organic aerosols in two UK cities. *Atmospheric Chemistry and Physics*, **2010**, 10, 647-668	6.8	308
251	The molecular identification of organic compounds in the atmosphere: state of the art and challenges. *Chemical Reviews*, **2015**, 115, 3919-83	68.1	300
250	Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. *Atmospheric Chemistry and Physics*, **2014**, 14, 6159-6176	6.8	232
249	Direct evidence for coastal iodine particles from Laminaria macroalgae – linkage to emissions of molecular iodine. *Atmospheric Chemistry and Physics*, **2004**, 4, 701-713	6.8	221
248	Contribution of nitrated phenols to wood burning brown carbon light absorption in Detling, United Kingdom during winter time. *Environmental Science & Technology*, **2013**, 47, 6316-24	10.3	219
247	Black-carbon absorption enhancement in the atmosphere determined by particle mixing state. *Nature Geoscience*, **2017**, 10, 184-188	18.3	212
246	Chemistry and the Linkages between Air Quality and Climate Change. *Chemical Reviews*, **2015**, 115, 3856-3871	68.1	205
245	Organic aerosol composition and sources in Pasadena, California, during the 2010 CalNex campaign. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 9233-9257	4.4	201
244	Exploring the vertical profile of atmospheric organic aerosol: comparing 17 aircraft field campaigns with a global model. *Atmospheric Chemistry and Physics*, **2011**, 11, 12673-12696	6.8	199

243	Enhanced light absorption by mixed source black and brown carbon particles in UK winter. *Nature Communications*, **2015**, 6, 8435	17.4	198
242	Laboratory and Ambient Particle Density Determinations using Light Scattering in Conjunction with Aerosol Mass Spectrometry. *Aerosol Science and Technology*, **2007**, 41, 343-359	3.4	185
241	The role of VOC oxidation products in continental new particle formation. *Atmospheric Chemistry and Physics*, **2008**, 8, 2657-2665	6.8	175
240	Characterization of an Aerodyne Aerosol Mass Spectrometer (AMS): Intercomparison with Other Aerosol Instruments. *Aerosol Science and Technology*, **2005**, 39, 760-770	3.4	166
239	Soot reference materials for instrument calibration and intercomparisons: a workshop summary with recommendations. *Atmospheric Measurement Techniques*, **2012**, 5, 1869-1887	4	162
238	Airborne measurements of the spatial distribution of aerosol chemical composition across Europe and evolution of the organic fraction. *Atmospheric Chemistry and Physics*, **2010**, 10, 4065-4083	6.8	162
237	Characterization of a real-time tracer for isoprene epoxydiols-derived secondary organic aerosol (IEPOX-SOA) from aerosol mass spectrometer measurements. *Atmospheric Chemistry and Physics*, **2015**, 15, 11807-11833	6.8	159
236	Mass spectral characterization of submicron biogenic organic particles in the Amazon Basin. *Geophysical Research Letters*, **2009**, 36,	4.9	153
235	Quantitative sampling using an Aerodyne aerosol mass spectrometer 2. Measurements of fine particulate chemical composition in two U.K. cities. *Journal of Geophysical Research*, **2003**, 108, n/a-n/a		139
234	Size and composition measurements of background aerosol and new particle growth in a Finnish forest during QUEST 2 using an Aerodyne Aerosol Mass Spectrometer. *Atmospheric Chemistry and Physics*, **2006**, 6, 315-327	6.8	138
233	Evidence for a significant proportion of Secondary Organic Aerosol from isoprene above a maritime tropical forest. *Atmospheric Chemistry and Physics*, **2011**, 11, 1039-1050	6.8	136
232	Black carbon measurements in the boundary layer over western and northern Europe. *Atmospheric Chemistry and Physics*, **2010**, 10, 9393-9414	6.8	136
231	Particulate emissions from commercial shipping: Chemical, physical, and optical properties. *Journal of Geophysical Research*, **2009**, 114,		133
230	Submicron aerosol composition at Trinidad Head, California, during ITCT 2K2: Its relationship with gas phase volatile organic carbon and assessment of instrument performance. *Journal of Geophysical Research*, **2004**, 109,		133
229	Measuring atmospheric composition change. *Atmospheric Environment*, **2009**, 43, 5351-5414	5.3	130
228	Size distribution, mixing state and source apportionment of black carbon aerosol in London during wintertime. *Atmospheric Chemistry and Physics*, **2014**, 14, 10061-10084	6.8	127
227	Ambient black carbon particle hygroscopic properties controlled by mixing state and composition. *Atmospheric Chemistry and Physics*, **2013**, 13, 2015-2029	6.8	127
226	Single Particle Soot Photometer intercomparison at the AIDA chamber. *Atmospheric Measurement Techniques*, **2012**, 5, 3077-3097	4	125

225	Evaluating simulated primary anthropogenic and biomass burning organic aerosols during MILAGRO: implications for assessing treatments of secondary organic aerosols. *Atmospheric Chemistry and Physics*, **2009**, 9, 6191-6215	6.8	124
224	Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. *Geophysical Research Letters*, **2016**, 43, 7735-7744	4.9	119
223	Simplification of the representation of the organic component of atmospheric particulates. *Faraday Discussions*, **2005**, 130, 341-62; discussion 363-86, 519-24	3.6	106
222	South East Pacific atmospheric composition and variability sampled along 20°S during VOCALS-REx. *Atmospheric Chemistry and Physics*, **2011**, 11, 5237-5262	6.8	105
221	CCN predictions using simplified assumptions of organic aerosol composition and mixing state: a synthesis from six different locations. *Atmospheric Chemistry and Physics*, **2010**, 10, 4795-4807	6.8	105
220	Atmospheric chemistry and physics in the atmosphere of a developed megacity (London): an overview of the REPARTEE experiment and its conclusions. *Atmospheric Chemistry and Physics*, **2012**, 12, 3065-3114	6.8	102
219	Impact of particulate organic matter on the relative humidity dependence of light scattering: A simplified parameterization. *Geophysical Research Letters*, **2005**, 32, n/a-n/a	4.9	101
218	Chemical composition of summertime aerosol in the Po Valley (Italy), northern Adriatic and Black Sea. *Quarterly Journal of the Royal Meteorological Society*, **2007**, 133, 61-75	6.4	98
217	Characterization of organic ambient aerosol during MIRAGE 2006 on three platforms. *Atmospheric Chemistry and Physics*, **2009**, 9, 5417-5432	6.8	95
216	Characterizing the aging of biomass burning organic aerosol by use of mixing ratios: a meta-analysis of four regions. *Environmental Science & Technology*, **2012**, 46, 13093-102	10.3	93
215	Consistency between parameterisations of aerosol hygroscopicity and CCN activity during the RHaMBLe discovery cruise. *Atmospheric Chemistry and Physics*, **2010**, 10, 3189-3203	6.8	92
214	Enhancement of the aerosol direct radiative effect by semi-volatile aerosol components: airborne measurements in North-Western Europe. *Atmospheric Chemistry and Physics*, **2010**, 10, 8151-8171	6.8	91
213	Regional variation of organic functional groups in aerosol particles on four U.S. east coast platforms during the International Consortium for Atmospheric Research on Transport and Transformation 2004 campaign. *Journal of Geophysical Research*, **2007**, 112,		85
212	Meteorology, Air Quality, and Health in London: The ClearfLo Project. *Bulletin of the American Meteorological Society*, **2015**, 96, 779-804	6.1	84
211	Chemical speciation of organic aerosol during the International Consortium for Atmospheric Research on Transport and Transformation 2004: Results from in situ measurements. *Journal of Geophysical Research*, **2007**, 112,		83
210	Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. *Atmospheric Chemistry and Physics*, **2008**, 8, 2007-2025	6.8	81
209	Vertical distribution of sub-micron aerosol chemical composition from North-Western Europe and the North-East Atlantic. *Atmospheric Chemistry and Physics*, **2009**, 9, 5389-5401	6.8	80
208	Submicron particle mass concentrations and sources in the Amazonian wet season (AMAZE-08). *Atmospheric Chemistry and Physics*, **2015**, 15, 3687-3701	6.8	77

207	Primary and secondary marine organic aerosols over the North Atlantic Ocean during the MAP experiment. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		77
206	Aerosol chemical characteristics from sampling conducted on the Island of Jeju, Korea during ACE Asia. *Atmospheric Environment*, **2004**, 38, 2111-2123	5.3	77
205	Detailed budget analysis of HONO in central London reveals a missing daytime source. *Atmospheric Chemistry and Physics*, **2016**, 16, 2747-2764	6.8	76
204	Iodine observed in new particle formation events in the Arctic atmosphere during ACCACIA. *Atmospheric Chemistry and Physics*, **2015**, 15, 5599-5609	6.8	76
203	Introduction to the special issue In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing) *Atmospheric Chemistry and Physics*, **2019**, 19, 7519-7546	6.8	73
202	Real time chemical characterization of local and regional nitrate aerosols. *Atmospheric Chemistry and Physics*, **2009**, 9, 3709-3720	6.8	69
201	Towards an online-coupled chemistry-climate model: evaluation of trace gases and aerosols in COSMO-ART. *Geoscientific Model Development*, **2011**, 4, 1077-1102	6.3	68
200	Assessment of the sensitivity of core / shell parameters derived using the single-particle soot photometer to density and refractive index. *Atmospheric Measurement Techniques*, **2015**, 8, 1701-1718	4	67
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197	Size-dependent wet removal of black carbon in Canadian biomass burning plumes. *Atmospheric Chemistry and Physics*, **2014**, 14, 13755-13771	6.8	63
196	Organic aerosol characterization by complementary measurements of chemical bonds and molecular fragments. *Atmospheric Environment*, **2009**, 43, 6100-6105	5.3	63
195	The effect of complex black carbon microphysics on the determination of the optical properties of brown carbon. *Geophysical Research Letters*, **2015**, 42, 613-619	4.9	62
194	Sources and contributions of wood smoke during winter in London: assessing local and regional influences. *Atmospheric Chemistry and Physics*, **2015**, 15, 3149-3171	6.8	61
193	Reactive Halogens in the Marine Boundary Layer (RHaMBLe): the tropical North Atlantic experiments. *Atmospheric Chemistry and Physics*, **2010**, 10, 1031-1055	6.8	58
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191	Organic aerosol concentration and composition over Europe: insights from comparison of regional model predictions with aerosol mass spectrometer factor analysis. *Atmospheric Chemistry and Physics*, **2014**, 14, 9061-9076	6.8	56
190	Ozone photochemistry in boreal biomass burning plumes. *Atmospheric Chemistry and Physics*, **2013**, 13, 7321-7341	6.8	56

189	Clouds and aerosols in Puerto Rico a new evaluation. *Atmospheric Chemistry and Physics*, **2008**, 8, 1293-1309	6.8	56
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187	Technical Note: Use of a beam width probe in an Aerosol Mass Spectrometer to monitor particle collection efficiency in the field. *Atmospheric Chemistry and Physics*, **2007**, 7, 549-556	6.8	56
186	Advanced source apportionment of size-resolved trace elements at multiple sites in London during winter. *Atmospheric Chemistry and Physics*, **2015**, 15, 11291-11309	6.8	54
185	The North Atlantic Marine Boundary Layer Experiment(NAMBLEX). Overview of the campaign held at Mace Head, Ireland, in summer 2002. *Atmospheric Chemistry and Physics*, **2006**, 6, 2241-2272	6.8	54
184	Light Absorption Enhancement of Black Carbon Aerosol Constrained by Particle Morphology. *Environmental Science & Technology*, **2018**, 52, 6912-6919	10.3	54
183	Contrasting physical properties of black carbon in urban Beijing between winter and summer. *Atmospheric Chemistry and Physics*, **2019**, 19, 6749-6769	6.8	53
182	Online Chemical Characterization of Food-Cooking Organic Aerosols: Implications for Source Apportionment. *Environmental Science & Technology*, **2018**, 52, 5308-5318	10.3	53
181	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. *Atmospheric Chemistry and Physics*, **2019**, 19, 165-179	6.8	52
180	Characterization of black carbon-containing fine particles in Beijing during wintertime. *Atmospheric Chemistry and Physics*, **2019**, 19, 447-458	6.8	51
179	Influence of aerosol chemical composition on N₂O₅ uptake: airborne regional measurements in northwestern Europe. *Atmospheric Chemistry and Physics*, **2015**, 15, 973-990	6.8	51
178	Composition and properties of atmospheric particles in the eastern Atlantic and impacts on gas phase uptake rates. *Atmospheric Chemistry and Physics*, **2009**, 9, 9299-9314	6.8	51
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173	Investigating organic aerosol loading in the remote marine environment. *Atmospheric Chemistry and Physics*, **2011**, 11, 8847-8860	6.8	47
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171	The importance of Asia as a source of black carbon to the European Arctic during springtime 2013. *Atmospheric Chemistry and Physics*, **2015**, 15, 11537-11555	6.8	44
170	The Global Aerosol Synthesis and Science Project (GASSP): Measurements and Modeling to Reduce Uncertainty. *Bulletin of the American Meteorological Society*, **2017**, 98, 1857-1877	6.1	43
169	Determination of the biogenic secondary organic aerosol fraction in the boreal forest by NMR spectroscopy. *Atmospheric Chemistry and Physics*, **2012**, 12, 941-959	6.8	42
168	Chemical characteristics of North American surface layer outflow: Insights from Chebogue Point, Nova Scotia. *Journal of Geophysical Research*, **2006**, 111,		42
167	Gaseous chemistry and aerosol mechanism developments for version 3.5.1 of the online regional model, WRF-Chem. *Geoscientific Model Development*, **2014**, 7, 2557-2579	6.3	40
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164	Measurements of the aerosol chemical composition and mixing state in the Po Valley using multiple spectroscopic techniques. *Atmospheric Chemistry and Physics*, **2014**, 14, 12109-12132	6.8	39
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162	Emission, oxidation, and secondary organic aerosol formation of volatile organic compounds as observed at Chebogue Point, Nova Scotia. *Journal of Geophysical Research*, **2007**, 112,		38
161	Investigating the annual behaviour of submicron secondary inorganic and organic aerosols in London. *Atmospheric Chemistry and Physics*, **2015**, 15, 6351-6366	6.8	37
160	Kerb and urban increment of highly time-resolved trace elements in PM₁₀, PM_{2.5} and PM_{1.0} winter aerosol in London during ClearfLo 2012. *Atmospheric Chemistry and Physics*, **2015**, 15, 2367-2386	6.8	37
159	Aerosol and trace-gas measurements in the Darwin area during the wet season. *Journal of Geophysical Research*, **2008**, 113,		37
158	Enhanced aerosol particle growth sustained by high continental chlorine emission in India. *Nature Geoscience*, **2021**, 14, 77-84	18.3	37
157	Novel insights on new particle formation derived from a pan-european observing system. *Scientific Reports*, **2018**, 8, 1482	4.9	34
156	Aged boreal biomass-burning aerosol size distributions from BORTAS 2011. *Atmospheric Chemistry and Physics*, **2015**, 15, 1633-1646	6.8	34
155	Comment on The effects of molecular weight and thermal decomposition on the sensitivity of a thermal desorption aerosol mass spectrometer *Aerosol Science and Technology*, **2016**, 50, i-xv	3.4	33
154	Biogenic cloud nuclei in the central Amazon during the transition from wet to dry season. *Atmospheric Chemistry and Physics*, **2016**, 16, 9727-9743	6.8	31

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150	Physical and chemical properties of the regional mixed layer of Mexico's Megapolis. *Atmospheric Chemistry and Physics*, **2009**, 9, 5711-5727	6.8	30
149	Receptor modelling of fine particles in southern England using CMB including comparison with AMS-PMF factors. *Atmospheric Chemistry and Physics*, **2015**, 15, 2139-2158	6.8	29
148	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). *Atmospheric Measurement Techniques*, **2019**, 12, 6449-6463	4	29
147	Source attribution of Bornean air masses by back trajectory analysis during the OP3 project. *Atmospheric Chemistry and Physics*, **2011**, 11, 9605-9630	6.8	28
146	Influence of particle chemical composition on the phase of cold clouds at a high-alpine site in Switzerland. *Journal of Geophysical Research*, **2009**, 114,		27
145	Chemical and physical processes controlling the distribution of aerosols in the Lower Fraser Valley, Canada, during the Pacific 2001 field campaign. *Atmospheric Environment*, **2004**, 38, 5759-5774	5.3	27
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142	Physical and chemical processes of air masses in the Aegean Sea during Etesians: Aegean-GAME airborne campaign. *Science of the Total Environment*, **2015**, 506-507, 201-16	10.2	26
141	Multiscale simulations of tropospheric chemistry in the eastern Pacific and on the U.S. West Coast during spring 2002. *Journal of Geophysical Research*, **2004**, 109,		26
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138	Investigating a two-component model of solid fuel organic aerosol in London: processes, PM₁ contributions, and seasonality. *Atmospheric Chemistry and Physics*, **2015**, 15, 2429-2443	6.8	25
137	Chemical composition and hygroscopic properties of aerosol particles over the Aegean Sea. *Atmospheric Chemistry and Physics*, **2013**, 13, 11595-11608	6.8	25
136	Atmospheric composition in the Eastern Mediterranean: Influence of biomass burning during summertime using the WRF-Chem model. *Atmospheric Environment*, **2016**, 132, 317-331	5.3	24

135	Technical Note: Description and Use of the New Jump Mass Spectrum Mode of Operation for the Aerodyne Quadrupole Aerosol Mass Spectrometers (Q-AMS). *Aerosol Science and Technology*, **2007**, 41, 865-872	3.4	24
134	Simultaneous aerosol mass spectrometry and chemical ionisation mass spectrometry measurements during a biomass burning event in the UK: insights into nitrate chemistry. *Atmospheric Chemistry and Physics*, **2018**, 18, 4093-4111	6.8	22
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132	A meta-analysis of particle water uptake reconciliation studies. *Atmospheric Chemistry and Physics*, **2014**, 14, 11833-11841	6.8	22
131	Using NOx and CO monitoring data to indicate fine aerosol number concentrations and emission factors in three UK conurbations. *Atmospheric Environment*, **2005**, 39, 5157-5169	5.3	22
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125	Street canyon aerosol pollutant transport measurements. *Science of the Total Environment*, **2004**, 334-335, 327-36	10.2	20
124	Aerosol mass spectrometer constraint on the global secondary organic aerosol budget		19
123	Observations of organic and inorganic chlorinated compounds and their contribution to chlorine radical concentrations in an urban environment in northern Europe during the wintertime. *Atmospheric Chemistry and Physics*, **2018**, 18, 13481-13493	6.8	19
122	Evaluating the influence of laser wavelength and detection stage geometry on optical detection efficiency in a single-particle mass spectrometer. *Atmospheric Measurement Techniques*, **2016**, 9, 6051-6068	4	17
121	Seasonal variation of fine particulate composition in the centre of a UK city. *Atmospheric Environment*, **2011**, 45, 4379-4389	5.3	17
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117	Fine-mode organic mass concentrations and sources in the Amazonian wet season (AMAZE-08)		16
116	Seasonal contrast in size distributions and mixing state of black carbon and its association with PM_{1.0} chemical composition from the eastern coast of India. *Atmospheric Chemistry and Physics*, **2020**, 20, 3965-3985	6.8	15
115	In situ constraints on the vertical distribution of global aerosol. *Atmospheric Chemistry and Physics*, **2019**, 19, 11765-11790	6.8	15
114	A case study of aerosol scavenging in a biomass burning plume over eastern Canada during the 2011 BORTAS field experiment. *Atmospheric Chemistry and Physics*, **2014**, 14, 8449-8460	6.8	15
113	Characterising mass-resolved mixing state of black carbon in Beijing using a morphology-independent measurement method. *Atmospheric Chemistry and Physics*, **2020**, 20, 3645-3661	6.8	14
112	Highly controlled, reproducible measurements of aerosol emissions from combustion of a common African biofuel source. *Atmospheric Chemistry and Physics*, **2018**, 18, 385-403	6.8	14
111	Near-field emission profiling of tropical forest and Cerrado fires in Brazil during SAMBBA 2012. *Atmospheric Chemistry and Physics*, **2018**, 18, 5619-5638	6.8	14
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109	Correction to Quantitative sampling using an Aerodyne aerosol mass spectrometer: 1. Techniques of data interpretation and error analysis *Journal of Geophysical Research*, **2003**, 108, n/a-n/a		14
108	Technical note: Use of an atmospheric simulation chamber to investigate the effect of different engine conditions on unregulated VOC-IVOC diesel exhaust emissions. *Atmospheric Chemistry and Physics*, **2018**, 18, 11073-11096	6.8	14
107	Mixing State of Carbonaceous Aerosols of Primary Emissions from "Improved" African Cookstoves. *Environmental Science & Technology*, **2018**, 52, 10134-10143	10.3	13
106	Inorganic and black carbon aerosols in the Los Angeles Basin during CalNex. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 1777-1803	4.4	13
105	Online differentiation of mineral phase in aerosol particles by ion formation mechanism using a LAAP-TOF single-particle mass spectrometer. *Atmospheric Measurement Techniques*, **2018**, 11, 195-213	4	13
104	Aerosol chemistry above an extended archipelago of the eastern Mediterranean basin during strong northern winds. *Atmospheric Chemistry and Physics*, **2015**, 15, 8401-8421	6.8	12
103	Linking biogenic hydrocarbons to biogenic aerosol in the Borneo rainforest. *Atmospheric Chemistry and Physics*, **2013**, 13, 11295-11305	6.8	12
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101	Pollutant Emissions from Improved Cookstoves of the Type Used in Sub-Saharan Africa. *Combustion Science and Technology*, **2020**, 192, 1582-1602	1.5	12
100	Secondary organic aerosols from anthropogenic volatile organic compounds contribute substantially to air pollution mortality. *Atmospheric Chemistry and Physics*, **2021**, 21, 11201-11224	6.8	12

99	Black carbon physical and optical properties across northern India during pre-monsoon and monsoon seasons. *Atmospheric Chemistry and Physics*, **2019**, 19, 13079-13096	6.8	11
98	Organic aerosol components derived from 25 AMS datasets across Europe using a newly developed ME-2 based source apportionment strategy		10
97	Investigating the annual behaviour of submicron secondary inorganic and organic aerosols in London		10
96	Characterization of a real-time tracer for Isoprene Epoxydiols-derived Secondary Organic Aerosol (IEPOX-SOA) from aerosol mass spectrometer measurements		10
95	Mineralogy and mixing state of north African mineral dust by online single-particle mass spectrometry. *Atmospheric Chemistry and Physics*, **2019**, 19, 2259-2281	6.8	9
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92	Validation of LIRIC aerosol concentration retrievals using airborne measurements during a biomass burning episode over Athens. *Atmospheric Research*, **2017**, 183, 255-267	5.4	8
91	Single Particle Soot Photometer intercomparison at the AIDA chamber **2012**,		8
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