

Dantong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

6,059
citations

70961

41
h-index

91712

69
g-index

231
all docs

231
docs citations

231
times ranked

5053
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission and spatialized health risks for trace elements from domestic coal burning in China. <i>Environment International</i> , 2022, 158, 107001.	4.8	13
2	Hourly emission estimation of black carbon and brown carbon absorption from domestic coal burning in China. <i>Science of the Total Environment</i> , 2022, 814, 151950.	3.9	6
3	Assessing the influence of environmental conditions on secondary organic aerosol formation from a typical biomass burning compound. <i>Journal of Environmental Sciences</i> , 2022, 114, 136-148.	3.2	0
4	Identifying the Fraction of Core-Shell Black Carbon Particles in a Complex Mixture to Constrain the Absorption Enhancement by Coatings. <i>Environmental Science and Technology Letters</i> , 2022, 9, 272-279.	3.9	9
5	Aerodynamic size-resolved composition and cloud condensation nuclei properties of aerosols in a Beijing suburban region. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4375-4391.	1.9	9
6	Background levels of black carbon over remote marine locations. <i>Atmospheric Research</i> , 2022, 271, 106119.	1.8	4
7	Neglected biomass burning emissions of air pollutants in China-views from the corncob burning test, emission estimation, and simulations. <i>Atmospheric Environment</i> , 2022, 278, 119082.	1.9	12
8	Contrasting resistance of polycyclic aromatic hydrocarbons to atmospheric oxidation influenced by burning conditions. <i>Environmental Research</i> , 2022, 211, 113107.	3.7	1
9	Ammonium Chloride Associated Aerosol Liquid Water Enhances Haze in Delhi, India. <i>Environmental Science & Technology</i> , 2022, 56, 7163-7173.	4.6	21
10	The toxicity emissions and spatialized health risks of heavy metals in PM2.5 from biomass fuels burning. <i>Atmospheric Environment</i> , 2022, 284, 119178.	1.9	6
11	Evolution of source attributed organic aerosols and gases in a megacity of central China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6937-6951.	1.9	6
12	Liquid-liquid phase separation reduces radiative absorption by aged black carbon aerosols. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	16
13	Impact of Dilution Ratio and Burning Conditions on the Number Size Distribution and Size-Dependent Mixing State of Primary Particles from Domestic Solid Fuel Burning. <i>Environmental Science and Technology Letters</i> , 2022, 9, 611-617.	3.9	3
14	Optical properties closure and sources of size-resolved aerosol in Nanjing around summer harvest period. <i>Atmospheric Environment</i> , 2021, 244, 118017.	1.9	4
15	A modeling study of PM2.5 transboundary transport during a winter severe haze episode in southern Yangtze River Delta, China. <i>Atmospheric Research</i> , 2021, 248, 105159.	1.8	15
16	Vertical profile of particle hygroscopicity and CCN effectiveness during winter in Beijing: insight into the hygroscopicity transition threshold of black carbon. <i>Faraday Discussions</i> , 2021, 226, 239-254.	1.6	5
17	Effect of source variation on the size and mixing state of black carbon aerosol in urban Beijing from 2013 to 2019: Implication on light absorption. <i>Environmental Pollution</i> , 2021, 270, 116089.	3.7	17
18	Global distribution of maritime low clouds with an emphasis on different aerosol types and meteorological parameters inferred from multi-satellite and reanalysis data during 2007-2016. <i>Atmospheric Environment</i> , 2021, 246, 118082.	1.9	4

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19	Real-time emission and stage-dependent emission factors/ratios of specific volatile organic compounds from residential biomass combustion in China. <i>Atmospheric Research</i> , 2021, 248, 105189.	1.8	11
20	On the local anthropogenic source diversities and transboundary transport for urban agglomeration ozone mitigation. <i>Atmospheric Environment</i> , 2021, 245, 118005.	1.9	13
21	Temperature dependence of source profiles for volatile organic compounds from typical volatile emission sources. <i>Science of the Total Environment</i> , 2021, 751, 141741.	3.9	28
22	Optical and hygroscopic properties of black carbon influenced by particle microphysics at the top of the anthropogenically polluted boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 681-694.	1.9	15
23	First High-Resolution Emission Inventory of Levoglucosan for Biomass Burning and Non-Biomass Burning Sources in China. <i>Environmental Science & Technology</i> , 2021, 55, 1497-1507.	4.6	40
24	Direct measurements of black carbon fluxes in central Beijing using the eddy covariance method. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 147-162.	1.9	6
25	Using highly time-resolved online mass spectrometry to examine biogenic and anthropogenic contributions to organic aerosol in Beijing. <i>Faraday Discussions</i> , 2021, 226, 382-408.	1.6	13
26	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, .	3.3	75
27	Persistent residential burning-related primary organic particles during wintertime hazes in North China: insights into their aging and optical changes. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2251-2265.	1.9	20
28	Effects of biomass burning and photochemical oxidation on the black carbon mixing state and light absorption in summer season. <i>Atmospheric Environment</i> , 2021, 248, 118230.	1.9	12
29	Effectiveness of emission control in reducing PM _{2.5} pollution in central China during winter haze episodes under various potential synoptic controls. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3143-3162.	1.9	20
30	Fine particles from village air in northern China in winter: Large contribution of primary organic aerosols from residential solid fuel burning. <i>Environmental Pollution</i> , 2021, 272, 116420.	3.7	17
31	Characterizing Black Carbon and Gaseous Pollutants on the Yangtze River Across Eastern China Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033488.	1.2	1
32	Evolution of Aerosol Optical Properties from Wood Smoke in Real Atmosphere Influenced by Burning Phase and Solar Radiation. <i>Environmental Science & Technology</i> , 2021, 55, 5677-5688.	4.6	22
33	Evolution of Organic Aerosol From Wood Smoke Influenced by Burning Phase and Solar Radiation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034534.	1.2	8
34	Ambient marine shipping emissions determined by vessel operation mode along the East China Sea. <i>Science of the Total Environment</i> , 2021, 769, 144713.	3.9	14
35	Mixing state of refractory black carbon aerosol in the South Asian outflow over the northern Indian Ocean during winter. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9173-9199.	1.9	16
36	Optimized intelligent algorithm for classifying cloud particles recorded by a Cloud Particle Imager. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, , .	0.5	0

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37	Direct Quantification of Droplet Activation of Ambient Black Carbon Under Water Supersaturation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034649.	1.2	8
38	Co-benefits of reducing PM2.5 and improving visibility by COVID-19 lockdown in Wuhan. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	27
39	A method to dynamically constrain black carbon aerosol sources with online monitored potassium. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	6
40	Measurements of the Diversity of Shape and Mixing State for Ambient Black Carbon Particles. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094522.	1.5	21
41	Source profiles and emission factors of organic and inorganic species in fine particles emitted from the ultra-low emission power plant and typical industries. <i>Science of the Total Environment</i> , 2021, 789, 147966.	3.9	11
42	Reduced volatility of aerosols from surface emissions to the top of the planetary boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14749-14760.	1.9	6
43	Physical and chemical properties of black carbon and organic matter from different combustion and photochemical sources using aerodynamic aerosol classification. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16161-16182.	1.9	9
44	Nonlinear Enhancement of Radiative Absorption by Black Carbon in Response to Particle Mixing Structure. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	30
45	Vertical evolution of black carbon characteristics and heating rate during a haze event in Beijing winter. <i>Science of the Total Environment</i> , 2020, 709, 136251.	3.9	36
46	Compositions, sources and health risks of ambient volatile organic compounds (VOCs) at a petrochemical industrial park along the Yangtze River. <i>Science of the Total Environment</i> , 2020, 703, 135505.	3.9	111
47	Lifecycle of light-absorbing carbonaceous aerosols in the atmosphere. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	77
48	Efficient Vertical Transport of Black Carbon in the Planetary Boundary Layer. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088858.	1.5	19
49	Variation in Concentration and Sources of Black Carbon in a Megacity of China During the COVID-19 Pandemic. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090444.	1.5	56
50	Black Carbon Emission and Wet Scavenging From Surface to the Top of Boundary Layer Over Beijing Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033096.	1.2	18
51	Recent Progress in Impacts of Mixing State on Optical Properties of Black Carbon Aerosol. <i>Current Pollution Reports</i> , 2020, 6, 380-398.	3.1	9
52	Characterizing the Particle Composition and Cloud Condensation Nuclei from Shipping Emission in Western Europe. <i>Environmental Science & Technology</i> , 2020, 54, 15604-15612.	4.6	18
53	Neural Network Classification of Ice-Crystal Images Observed by an Airborne Cloud Imaging Probe. <i>Atmosphere - Ocean</i> , 2020, 58, 303-315.	0.6	7
54	Small ice particles at slightly supercooled temperatures in tropical maritime convection. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3895-3904.	1.9	14

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55	Exploring wintertime regional haze in northeast China: role of coal and biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5355-5372.	1.9	55
56	Size-segregated carbonaceous aerosols emission from typical vehicles and potential depositions in the human respiratory system. <i>Environmental Pollution</i> , 2020, 264, 114705.	3.7	21
57	Vertical characteristics of aerosol hygroscopicity and impacts on optical properties over the North China Plain during winter. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3931-3944.	1.9	27
58	Characteristics and Sources of Black Carbon Aerosol in a Mega-City in the Western Yangtze River Delta, China. <i>Atmosphere</i> , 2020, 11, 315.	1.0	2
59	Mixing characteristics of refractory black carbon aerosols at an urban site in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5771-5785.	1.9	37
60	A 5.5-year observations of black carbon aerosol at a megacity in Central China: Levels, sources, and variation trends. <i>Atmospheric Environment</i> , 2020, 232, 117581.	1.9	29
61	The moving of high emission for biomass burning in China: View from multi-year emission estimation and human-driven forces. <i>Environment International</i> , 2020, 142, 105812.	4.8	62
62	Significant changes in the chemical compositions and sources of PM _{2.5} in Wuhan since the city lockdown as COVID-19. <i>Science of the Total Environment</i> , 2020, 739, 140000.	3.9	173
63	Fast sulfate formation from oxidation of SO ₂ by NO ₂ and HONO observed in Beijing haze. <i>Nature Communications</i> , 2020, 11, 2844.	5.8	161
64	Characterising mass-resolved mixing state of black carbon in Beijing using a morphology-independent measurement method. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3645-3661.	1.9	26
65	Transformation and ageing of biomass burning carbonaceous aerosol over tropical South America from aircraft in situ measurements during SAMBBA. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5309-5326.	1.9	26
66	Estimating radiative impacts of black carbon associated with mixing state in the lower atmosphere over the northern North China Plain. <i>Chemosphere</i> , 2020, 252, 126455.	4.2	19
67	Sub-type source profiles of fine particles for fugitive dust and accumulative health risks of heavy metals: a case study in a fast-developing city of China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16554-16573.	2.7	21
68	In situ vertical characteristics of optical properties and heating rates of aerosol over Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2603-2622.	1.9	26
69	Closure Investigation on Cloud Condensation Nuclei Ability of Processed Anthropogenic Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032680.	1.2	10
70	Emission and simulation of primary fine and submicron particles and water-soluble ions from domestic coal combustion in China. <i>Atmospheric Environment</i> , 2020, 224, 117308.	1.9	29
71	Seasonal contrast in size distributions and mixing state of black carbon and its association with PM _{2.5} ; chemical composition from the eastern coast of India. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3965-3985.	1.9	36
72	Characterization of submicron organic particles in Beijing during summertime: comparison between SP-AMS and HR-AMS. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14091-14102.	1.9	19

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73	Robust observational constraint of uncertain aerosol processes and emissions in a climate model and the effect on aerosol radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9491-9524.	1.9	22
74	Photochemical impacts of haze pollution in an urban environment. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 9699-9714.	1.9	32
75	Size-Related Physical Properties of Black Carbon in the Lower Atmosphere over Beijing and Europe. <i>Environmental Science & Technology</i> , 2019, 53, 11112-11121.	4.6	45
76	Observed Interactions Between Black Carbon and Hydrometeor During Wet Scavenging in Mixed-Phase Clouds. <i>Geophysical Research Letters</i> , 2019, 46, 8453-8463.	1.5	29
77	The roles of volatile organic compound deposition and oxidation mechanisms in determining secondary organic aerosol production: a global perspective using the UKCA chemistry climate model (v8.4). <i>Geoscientific Model Development</i> , 2019, 12, 2539-2569.	1.3	4
78	In situ constraints on the vertical distribution of global aerosol. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11765-11790.	1.9	24
79	Enhanced heating rate of black carbon above the planetary boundary layer over megacities in summertime. <i>Environmental Research Letters</i> , 2019, 14, 124003.	2.2	14
80	Characterization of Size-Resolved Hygroscopicity of Black Carbon-Containing Particle in Urban Environment. <i>Environmental Science & Technology</i> , 2019, 53, 14212-14221.	4.6	27
81	Black carbon physical and optical properties across northern India during pre-monsoon and monsoon seasons. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13079-13096.	1.9	15
82	Characterization of black carbon-containing fine particles in Beijing during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 447-458.	1.9	84
83	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.	1.9	73
84	Light absorption enhancement of black carbon in urban Beijing in summer. <i>Atmospheric Environment</i> , 2019, 213, 499-504.	1.9	49
85	Vertical and horizontal distribution of submicron aerosol chemical composition and physical characteristics across northern India during pre-monsoon and monsoon seasons. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5615-5634.	1.9	41
86	The vertical distribution of biomass burning pollution over tropical South America from aircraft in situ measurements during SAMBBA. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5771-5790.	1.9	19
87	Contrasting physical properties of black carbon in urban Beijing between winter and summer. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6749-6769.	1.9	89
88	Vertical characteristics of black carbon physical properties over Beijing region in warm and cold seasons. <i>Atmospheric Environment</i> , 2019, 213, 296-310.	1.9	38
89	Mineralogy and mixing state of north African mineral dust by online single-particle mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2259-2281.	1.9	18
90	The evolution of an aerosol event observed from aircraft in Beijing: An insight into regional pollution transport. <i>Atmospheric Environment</i> , 2019, 206, 11-20.	1.9	26

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91	Impact of viaduct on flow reversion and pollutant dispersion in 2D urban street canyon with different roof shapes - Numerical simulation and wind tunnel experiment. <i>Science of the Total Environment</i> , 2019, 671, 976-991.	3.9	42
92	Intra-regional transport of black carbon between the south edge of the North China Plain and central China during winter haze episodes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4499-4516.	1.9	58
93	Initial Cost Barrier of Ammonia Control in Central China. <i>Geophysical Research Letters</i> , 2019, 46, 14175-14184.	1.5	12
94	Seasonal size distribution and mixing state of black carbon aerosols in a polluted urban environment of the Yangtze River Delta region, China. <i>Science of the Total Environment</i> , 2019, 654, 300-310.	3.9	18
95	The impacts of pollution control measures on PM _{2.5} reduction: Insights of chemical composition, source variation and health risk. <i>Atmospheric Environment</i> , 2019, 197, 103-117.	1.9	63
96	Substantial reductions in ambient PAHs pollution and lives saved as a co-benefit of effective long-term PM _{2.5} pollution controls. <i>Environment International</i> , 2018, 114, 266-279.	4.8	61
97	Highly controlled, reproducible measurements of aerosol emissions from combustion of a common African biofuel source. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 385-403.	1.9	21
98	Aircraft and ground measurements of dust aerosols over the west African coast in summer 2015 during ICE-D and AER-D. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3817-3838.	1.9	38
99	Monitoring of volatile organic compounds (VOCs) from an oil and gas station in northwest China for 1 year. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4567-4595.	1.9	135
100	Coarse-mode mineral dust size distributions, composition and optical properties from AER-D aircraft measurements over the tropical eastern Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17225-17257.	1.9	80
101	Evidence of major secondary organic aerosol contribution to lensing effect black carbon absorption enhancement. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	70
102	Summertime Primary and Secondary Contributions to Southern Ocean Cloud Condensation Nuclei. <i>Scientific Reports</i> , 2018, 8, 13844.	1.6	63
103	Light Absorption Enhancement of Black Carbon Aerosol Constrained by Particle Morphology. <i>Environmental Science & Technology</i> , 2018, 52, 6912-6919.	4.6	81
104	Mixing State of Carbonaceous Aerosols of Primary Emissions from "Improved" African Cookstoves. <i>Environmental Science & Technology</i> , 2018, 52, 10134-10143.	4.6	18
105	A study of elevated pollution layer over the North China Plain using aircraft measurements. <i>Atmospheric Environment</i> , 2018, 190, 188-194.	1.9	29
106	Estimating the open biomass burning emissions in central and eastern China from 2003 to 2015 based on satellite observation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11623-11646.	1.9	68
107	Near-field emission profiling of tropical forest and Cerrado fires in Brazil during SAMBBA 2012. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5619-5638.	1.9	19
108	Evaluation of ground-based black carbon measurements by filter-based photometers at two Arctic sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3544-3572.	1.2	51

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109	Black-carbon absorption enhancement in the atmosphere determined by particle mixing state. <i>Nature Geoscience</i> , 2017, 10, 184-188.	5.4	303
110	Limited formation of isoprene epoxydiols-derived secondary organic aerosol under NO _x -rich environments in Eastern China. <i>Geophysical Research Letters</i> , 2017, 44, 2035-2043.	1.5	39
111	The Global Aerosol Synthesis and Science Project (GASSP): Measurements and Modeling to Reduce Uncertainty. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 1857-1877.	1.7	52
112	Observed microphysical changes in Arctic mixed-phase clouds when transitioning from sea ice to open ocean. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13945-13967.	1.9	31
113	The effect of complex black carbon microphysics on the determination of the optical properties of brown carbon. <i>Geophysical Research Letters</i> , 2015, 42, 613-619.	1.5	77
114	The importance of Asia as a source of black carbon to the European Arctic during springtime 2013. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11537-11555.	1.9	48
115	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
116	Iodine observed in new particle formation events in the Arctic atmosphere during ACCACIA. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5599-5609.	1.9	102
117	The impacts of firework burning at the Chinese Spring Festival on air quality: insights of tracers, source evolution and aging processes. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2167-2184.	1.9	147
118	Assessment of the sensitivity of core / shell parameters derived using the single-particle soot photometer to density and refractive index. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 1701-1718.	1.2	98
119	Subway construction activity influence on polycyclic aromatic hydrocarbons in fine particles: Comparison with a background mountainous site. <i>Atmospheric Research</i> , 2015, 161-162, 82-92.	1.8	12
120	Enhanced light absorption by mixed source black and brown carbon particles in UK winter. <i>Nature Communications</i> , 2015, 6, 8435.	5.8	266
121	Exploiting simultaneous observational constraints on mass and absorption to estimate the global direct radiative forcing of black carbon and brown carbon. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10989-11010.	1.9	213
122	Size distribution, mixing state and source apportionment of black carbon aerosol in London during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10061-10084.	1.9	171
123	The mass and number size distributions of black carbon aerosol over Europe. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4917-4939.	1.9	96
124	Ambient black carbon particle hygroscopic properties controlled by mixing state and composition. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 2015-2029.	1.9	152
125	Single Particle Soot Photometer intercomparison at the AIDA chamber. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 3077-3097.	1.2	152
126	Corrigendum to "Aerosol scattering and absorption during the EUCAARI-LONGREX flights of the Facility for Airborne Atmospheric Measurements (FAAM) BAe-146: can measurements and models agree?" published in <i>Atmos. Chem. Phys.</i> , 12, 7251-7267, 2012. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7429-7429.	1.9	0

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127	Aerosol scattering and absorption during the EUCAARI-LONGREX flights of the Facility for Airborne Atmospheric Measurements (FAAM) BAe-146: can measurements and models agree?. Atmospheric Chemistry and Physics, 2012, 12, 7251-7267.	1.9	24
128	Studies of propane flame soot acting as heterogeneous ice nuclei in conjunction with single particle soot photometer measurements. Atmospheric Chemistry and Physics, 2011, 11, 9549-9561.	1.9	58
129	Carbonaceous aerosols contributed by traffic and solid fuel burning at a polluted rural site in Northwestern England. Atmospheric Chemistry and Physics, 2011, 11, 1603-1619.	1.9	37
130	Black carbon measurements in the boundary layer over western and northern Europe. Atmospheric Chemistry and Physics, 2010, 10, 9393-9414.	1.9	155
131	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.	1.9	184
132	Single particle characterization of black carbon aerosols at a tropospheric alpine site in Switzerland. Atmospheric Chemistry and Physics, 2010, 10, 7389-7407.	1.9	109