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## Spatial and seasonal distributions of carbonaceous aerosols over China

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#	Paper	IF	Citations
386	Mass concentrations of black carbon measured by four instruments in the middle of Central East China in June 2006. <i>Atmospheric Chemistry and Physics</i> , <b>2008</b> , 8, 7637-7649	6.8	53
385	Role of Black Carbon-Induced Changes in Snow Albedo in Predictions of Temperature and Precipitation during a Snowstorm. <b>2009</b> , 2, 230-236		1
384	Spatial distribution and seasonal variation of char-EC and soot-EC in the atmosphere over China. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 6066-6073	5.3	87
383	Seasonal variations and sources of mass and chemical composition for PM10 aerosol in Hangzhou, China. <b>2009</b> , 7, 161-168		106
382	Characteristics of organic and elemental carbon in atmospheric fine particles in Tianjin, China. <b>2009</b> , 7, 432-437		47
381	Organic carbon and elemental carbon associated with PM(10) in Beijing during spring time. <b>2009</b> , 172, 970-7		30
380	Black carbon relationships with emissions and meteorology in Xi'an, China. <i>Atmospheric Research</i> , <b>2009</b> , 94, 194-202	5.4	142
379	Seasonal and diurnal variations of organic carbon in PM2.5 in Beijing and the estimation of secondary organic carbon. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		104
378	Chemical Characteristics of Fine Particles (PM1) from Xi'an, China. <b>2010</b> , 44, 461-472		80
377	Different characteristics of char and soot in the atmosphere and their ratio as an indicator for source identification in Xi'an, China. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 595-607	6.8	156
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375	Temporal variability in fine carbonaceous aerosol over two years in two megacities: Beijing and Toronto. <b>2010</b> , 27, 705-714		9
374	Measuring and modeling black carbon (BC) contamination in the SE Tibetan Plateau. <i>Journal of Atmospheric Chemistry</i> , <b>2010</b> , 67, 45-60	3.2	71
373	Impact of anthropogenic emissions and open biomass burning on regional carbonaceous aerosols in South China. <i>Environmental Pollution</i> , <b>2010</b> , 158, 3392-400	9.3	50
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370	High wintertime particulate matter pollution over an offshore island (Kinmen) off southeastern China: An overview. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		52

369	Estimation of the contributions of long range transported aerosol in East Asia to carbonaceous aerosol and PM concentrations in Seoul, Korea using highly time resolved measurements: a PSCF model approach. <b>2011</b> , 13, 1905-18		64
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366	Carbonaceous species in PM <sub>2.5</sub> at a pair of rural/urban sites in Beijing, 2005-2008. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 7893-7903	6.8	60
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364	Inferring absorbing organic carbon content from AERONET data. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 215-225	6.8	144
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361	Stable carbon isotopes in aerosols from Chinese cities: Influence of fossil fuels. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 1359-1363	5.3	117
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359	Chemical composition and size distribution of wintertime aerosols in the atmosphere of Mt. Hua in central China. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 1251-1258	5.3	37
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352	Winter and summer PM <sub>2.5</sub> chemical compositions in fourteen Chinese cities. <b>2012</b> , 62, 1214-26		290

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347	Seasonal variations and chemical characteristics of sub-micrometer particles (PM1) in Guangzhou, China. <i>Atmospheric Research</i> , <b>2012</b> , 118, 222-231	5.4	75
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345	Chemical characterization of aerosol collected at Mt. Yulong in wintertime on the southeastern Tibetan Plateau. <i>Atmospheric Research</i> , <b>2012</b> , 107, 76-85	5.4	47
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338	Formation of secondary organic carbon and cloud impact on carbonaceous aerosols at Mount Tai, North China. <i>Atmospheric Environment</i> , <b>2012</b> , 46, 516-527	5.3	63
337	Positive sampling artifacts of organic carbon fractions for fine particles and nanoparticles in a tunnel environment. <i>Atmospheric Environment</i> , <b>2012</b> , 54, 225-230	5.3	18
336	A preliminary study on measurements of black carbon in the atmosphere of northwest Qilian Shan. <b>2012</b> , 24, 152-9		49
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250	Spatial distributions and chemical properties of PM2.5 based on 21 field campaigns at 17 sites in China. <b>2016</b> , 159, 480-487		42
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239	Size-resolved source apportionment of particulate matter in urban Beijing during haze and non-haze episodes. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 1-19	6.8	193
238	Simulations of organic aerosol concentrations during springtime in the Guanzhong Basin, China. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 10045-10061	6.8	36
237	Source apportionment and dynamic changes of carbonaceous aerosols during the haze bloom-decay process in China based on radiocarbon and organic molecular tracers. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 2985-2996	6.8	22
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235	Influences of El Niño Modoki event 1994/1995 on aerosol concentrations over southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 1637-1651	4.4	26
234	Fine carbonaceous aerosol characteristics at a megacity during the Chinese Spring Festival as given by OC/EC online measurements. <i>Atmospheric Research</i> , <b>2016</b> , 181, 20-28	5.4	23
233	Characteristics of carbonaceous aerosols: Impact of biomass burning and secondary formation in summertime in a rural area of the North China Plain. <i>Science of the Total Environment</i> , <b>2016</b> , 557-558, 520-30	10.2	33
232	Size-Classified Variations in Carbonaceous Aerosols from Real Coal-Fired Boilers. <b>2016</b> , 30, 39-46		8
231	The rural carbonaceous aerosols in coarse, fine, and ultrafine particles during haze pollution in northwestern China. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 4569-75	5.1	19
230	Retrieving historical ambient PM <sub>2.5</sub> concentrations using existing visibility measurements in Xi'an, Northwest China. <i>Atmospheric Environment</i> , <b>2016</b> , 126, 15-20	5.3	24
229	Spatial-temporal characteristics and determinants of PM <sub>2.5</sub> in the Bohai Rim Urban Agglomeration. <b>2016</b> , 148, 148-62		132
228	Size distribution characteristics of carbonaceous aerosol in Xishuangbanna, southwest China: a sign for biomass burning in Asia. <b>2016</b> , 188, 148		4
227	Particulate pollution transport episodes from Eurasia to a remote region of northeast Mediterranean. <i>Atmospheric Environment</i> , <b>2016</b> , 128, 45-52	5.3	9
226	Implications of East Asian summer and winter monsoons for interannual aerosol variations over central-eastern China. <i>Atmospheric Environment</i> , <b>2016</b> , 129, 218-228	5.3	50

225	Inter-annual variability of wintertime PM <sub>2.5</sub> chemical composition in Xi'an, China: Evidences of changing source emissions. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 546-55	10.2	87
224	Chemical composition and bioreactivity of PM <sub>2.5</sub> during 2013 haze events in China. <i>Atmospheric Environment</i> , <b>2016</b> , 126, 162-170	5.3	53
223	Concentrations and chemical compositions of fine particles (PM <sub>2.5</sub> ) during haze and non-haze days in Beijing. <i>Atmospheric Research</i> , <b>2016</b> , 174-175, 62-69	5.4	106
222	Interprovincial Reliance for Improving Air Quality in China: A Case Study on Black Carbon Aerosol. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 4118-26	10.3	51
221	Spatiotemporal patterns of remotely sensed PM <sub>2.5</sub> concentration in China from 1999 to 2011. <b>2016</b> , 174, 109-121		178
220	Carbonaceous aerosols over China--review of observations, emissions, and climate forcing. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 1671-80	5.1	26
219	Concentrations, correlations and chemical species of PM <sub>2.5</sub> /PM <sub>10</sub> based on published data in China: Potential implications for the revised particulate standard. <b>2016</b> , 144, 518-26		112
218	Modeling organic aerosols over east China using a volatility basis-set approach with aging mechanism in a regional air quality model. <i>Atmospheric Environment</i> , <b>2016</b> , 124, 186-198	5.3	38
217	Effect of ambient humidity on the light absorption amplification of black carbon in Beijing during January 2013. <i>Atmospheric Environment</i> , <b>2016</b> , 124, 217-223	5.3	52
216	Chemical characteristics of PM 2.5 during haze episodes in spring 2013 in Beijing. <b>2017</b> , 22, 51-63		21
215	Heavy pollution episodes, transport pathways and potential sources of PM during the winter of 2013 in Chengdu (China). <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 1056-1065	10.2	114
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209	Estimation of atmospheric aging time of black carbon particles in the polluted atmosphere over central-eastern China using microphysical process analysis in regional chemical transport model. <i>Atmospheric Environment</i> , <b>2017</b> , 163, 44-56	5.3	23
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206	Conservation efforts of captive golden takin ( <i>Budorcas taxicolor bedfordi</i> ) are potentially compromised by the elevated chemical elements exposure. <b>2017</b> , 143, 72-79		5
205	Revealed variations of air quality in industrial development over a remote plateau of Southwest China: an application of atmospheric visibility data. <b>2017</b> , 129, 659-667		3
204	A review of biomass burning: Emissions and impacts on air quality, health and climate in China. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 1000-1034	10.2	551
203	Characterization of chemical compositions in size-segregated atmospheric particles during severe haze episodes in three mega-cities of China. <i>Atmospheric Research</i> , <b>2017</b> , 187, 138-146	5.4	25
202	Characteristics of carbonaceous particles from residential coal combustion and agricultural biomass burning in China. <i>Atmospheric Pollution Research</i> , <b>2017</b> , 8, 521-527	4.5	37
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199	A campaign for investigating aerosol optical properties during winter hazes over Shijiazhuang, China. <i>Atmospheric Research</i> , <b>2017</b> , 198, 113-122	5.4	27
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195	Light absorption by water-soluble organic carbon in atmospheric fine particles in the central Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 21386-21397	5.1	18
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190	PM levels, chemical composition and health risk assessment in Xinxiang, a seriously air-polluted city in North China. <b>2017</b> , 39, 1071-1083		22

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183	Chemical composition of ambient PM <sub>2.5</sub> over China and relationship to precursor emissions during 2005-2012. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 9187-9203	6.8 58
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164	Characteristics and sources of the fine carbonaceous aerosols in Haikou, China. <i>Atmospheric Research</i> , <b>2018</b> , 199, 103-112	5.4	14
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137	Spatial distribution differences in PM concentration between heating and non-heating seasons in Beijing, China. <i>Environmental Pollution</i> , <b>2019</b> , 248, 574-583	9.3	25
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130	Biomass burning in the northern peninsular Southeast Asia: Aerosol chemical profile and potential exposure. <i>Atmospheric Research</i> , <b>2019</b> , 224, 180-195	5.4	40
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120	Chemical and source characterization of PM <sub>2.5</sub> in summertime in severely polluted Lahore, Pakistan. <i>Atmospheric Research</i> , <b>2020</b> , 234, 104715	5.4	13
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103	Mixing characteristics of refractory black carbon aerosols at an urban site in Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 5771-5785	6.8	14
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101	Development of an improved two-sphere integration technique for quantifying black carbon concentrations in the atmosphere and seasonal snow. <b>2020</b> , 13, 39-52		6
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49	Source apportionment and dynamic changes of carbonaceous aerosols during the haze bloom–decay process in China based on radiocarbon and organic molecular tracers.	2
48	Size-resolved source apportionment of particulate matter in urban Beijing during haze and non-haze episodes.	8
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