

# Evolution of mixing state of black carbon particles: Air in the western Pacific in March 2004

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evolution of mixing state of black carbon in polluted air from Tokyo. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	149
2	Aerosolâ€“cloudâ€“precipitation interactions. Part 1. The nature and sources of cloud-active aerosols. <i>Earth-Science Reviews</i> , 2008, 89, 13-41.	4.0	1,344
3	Photochemical evolution of submicron aerosol chemical composition in the Tokyo megacity region in summer. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	25
4	Dependence of sizeâ€“resolved CCN spectra on the mixing state of nonvolatile cores observed in Tokyo. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	41
5	Radiative impact of mixing state of black carbon aerosol in Asian outflow. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	120
6	SALSA â€“ a Sectional Aerosol module for Large Scale Applications. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2469-2483.	1.9	110
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8	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> , 2008, 8, 7637-7649.	1.9	61
9	Origins of Air Masses over an Alaskan Glacier and Implications for Ice Core Studies in the North Pacific Region. <i>Scientific Online Letters on the Atmosphere</i> , 2009, 5, 77-80.	0.6	7
10	Stabilization of the Mass Absorption Cross Section of Black Carbon for Filter-Based Absorption Photometry by the use of a Heated Inlet. <i>Aerosol Science and Technology</i> , 2009, 43, 741-756.	1.5	113
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13	Aging of black carbon in outflow from anthropogenic sources using a mixing state resolved model: 2. Aerosol optical properties and cloud condensation nuclei activities. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	69
14	Evaluation of black carbon estimations in global aerosol models. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 9001-9026.	1.9	585
15	Impact of brown and clear carbon on light absorption enhancement, single scatter albedo and absorption wavelength dependence of black carbon. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4207-4220.	1.9	442
16	Black carbon measurements in the boundary layer over western and northern Europe. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9393-9414.	1.9	155
17	Black carbon over Mexico: the effect of atmospheric transport on mixing state, mass absorption cross-section, and BC/CO ratios. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 219-237.	1.9	140
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20	Amplification of Light Absorption of Black Carbon by Organic Coating. <i>Aerosol Science and Technology</i> , 2010, 44, 46-54.	1.5	192
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28	Morphological features of soot-containing particles internally mixed with water-soluble materials in continental outflow observed at Cape Hedo, Okinawa, Japan. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	34
29	Characteristics of black carbon aerosol from a surface oil burn during the Deepwater Horizon oil spill. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	34
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38	Tailored graphitized soot as reference material for EC/OC measurement validation. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 923-932.	1.2	7

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53	Bounding the role of black carbon in the climate system: A scientific assessment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5380-5552.	1.2	4,319
54	Model analysis of influences of aerosol mixing state upon its optical properties in East Asia. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1201-1212.	1.9	11
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174	Significance of Absorbing Fraction of Coating on Absorption Enhancement of Partially Coated Black Carbon Aerosols. <i>Atmosphere</i> , 2021, 12, 1422.	1.0	2
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176	Optical properties of morphologically complex black carbon aerosols: Effects of coatings. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 281, 108080.	1.1	8
177	Vertical profile of particulate matter: A review of techniques and methods. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 979-1010.	1.5	9
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