Light Absorption by Carbonaceous Particles: An Investigative Review

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#	Paper	IF	Citations
2080	Measured Wavelength-Dependent Absorption Enhancement of Internally Mixed Black Carbon with Absorbing and Nonabsorbing Materials.		
2079	Light Absorption Enhancement of Black Carbon Aerosol Constrained by Particle Morphology.		
2078	Wintertime Optical Properties of Primary and Secondary Brown Carbon at a Regional Site in the North China Plain.		
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2076	Reactive Uptake of Glyoxal by Methylaminium-Containing Salts as a Function of Relative Humidity.		
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409	Radiative forcing of the direct aerosol effect from AeroCom Phase II simulations.	17
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384	Aerosol physical and chemical properties retrieved from ground-based remote sensing measurements during heavy haze days in Beijing winter.	5
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380	Recommendations for the interpretation of "black carbon" measurements.	14
379	Why models struggle to capture Arctic Haze: the underestimated role of gas flaring and domestic combustion emissions.	4
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350	Aerosol source apportionment from 1 year measurements at the CESAR tower at Cabauw, NL.	2
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348	Brown carbon aerosol in the North American continental troposphere: sources, abundance, and radiative forcing.	5
347	Smoke aerosol properties and ageing effects for Northern temperate and boreal regions derived from AERONET source and age attribution.	2
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345	The T1-T2 study: evolution of aerosol properties downwind of Mexico City.	1
344	Spectral absorption properties of atmospheric aerosols.	9
343	A comprehensive modelling way for assessing real-time mixings of mineral and anthropogenic pollutants in East Asia.	1
342	Chemical composition of free tropospheric aerosol for PM1 and coarse mode at the high alpine site Jungfraujoch.	4
341	Clouds and aerosols in Puerto Rico a new evaluation.	2
340	Experimental studies on particle emissions from cruising ship, their characteristic properties, transformation and atmospheric lifetime in the marine boundary layer.	3
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338	Perturbation of the European free troposphere aerosol by North American forest fire plumes during the ICARTT-ITOP Experiment in summer 2004.	2
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336	Regional aerosol optical properties and radiative impact of the extreme smoke event in the European Arctic in spring 2006.	1

335	Estimation of the mass absorption cross section of the organic carbon component of aerosols in the Mexico City Metropolitan Area (MCMA).	3
334	Attribution of aerosol light absorption to black carbon, brown carbon, and dust in China interpretations of atmospheric measurements during EAST-AIRE.	10
333	Measurements of aerosol absorption and scattering in the Mexico City Metropolitan Area during the MILAGRO field campaign: a comparison of results from the T0 and T1 sites.	2
332	Radiative forcing of the direct aerosol effect using a multi-observation approach.	3
331	Mass concentrations of black carbon measured by four instruments in the middle of Central East China in June 2006.	1
330	Evolution of Asian aerosols during transpacific transport in INTEX-B.	21
329	Global error maps of aerosol optical properties: an error propagation analysis.	4
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