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#	Paper	IF	Citations
471	Direct and semi-direct impacts of absorbing biomass burning aerosol on the climate of southern Africa: a Geophysical Fluid Dynamics Laboratory GCM sensitivity study. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 9819-9831	6.8	31
470	Direct and semidirect aerosol effects of southern African biomass burning aerosol. 2011, 116,		93
469	Relationship between aerosol and cloud fraction over Australia. 2011, 38, n/a-n/a		32
468	An examination of the aerosol semi-direct effect for a polluted case of the ISDAC field campaign. <b>2011</b> , 116,		11
467	Impact of carbonaceous aerosols on precipitation in tropical Africa during the austral summer in the twentieth century. <b>2011</b> , 116,		10
466	Global Climate Modeling of Regional Changes in Cloud, Precipitation, and Radiation Budget Due to the Aerosol Semi-Direct Effect of Black Carbon. <b>2011</b> , 7, 181-184		3
465	Trace gas and particle emissions from open biomass burning in Mexico. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 6787-6808	6.8	102
464	Global precipitation response to changing forcings since 1870. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 9961-9970	6.8	15
463	Aerosol emissions and dimming/brightening in Europe: Sensitivity studies with ECHAM5-HAM. <b>2011</b> , 116,		62
462	Soot microphysical effects on liquid clouds, a multi-model investigation. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 1051-1064	6.8	51
461	Black carbon fractal morphology and short-wave radiative impact: a modelling study. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 11745-11759	6.8	62
460	Black carbon in the atmosphere and snow, from pre-industrial times until present. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 6809-6836	6.8	95
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458	Impacts of global, regional, and sectoral black carbon emission reductions on surface air quality and human mortality. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 7253-7267	6.8	62
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456	Global cloud condensation nuclei influenced by carbonaceous combustion aerosol. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 9067-9087	6.8	164
455	Aerosol black carbon at five background measurement sites over Finland, a gateway to the Arctic. <b>2011</b> , 45, 4042-4050		57

454	Mitigation of short-lived heating components may lead to unwanted long-term consequences. <b>2011</b> , 45, 6103-6106		19
453	Optical properties of accumulation mode, polluted mineral dust: effects of particle shape, hematite content and semi-external mixing with carbonaceous species. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , <b>2012</b> , 64, 18536	3.3	22
452	Aircraft Instrument for Comprehensive Characterization of Aerosol Optical Properties, Part 2: Black and Brown Carbon Absorption and Absorption Enhancement Measured with Photo Acoustic Spectroscopy. <b>2012</b> , 46, 555-568		102
451	Toward a Minimal Representation of Aerosols in Climate Models: Comparative Decomposition of Aerosol Direct, Semidirect, and Indirect Radiative Forcing. <i>Journal of Climate</i> , <b>2012</b> , 25, 6461-6476	4.4	215
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446	The effect of ENSO-induced rainfall and circulation changes on the direct and indirect radiative forcing from Indonesian biomass-burning aerosols. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 11395-	19:816	7
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433	Direct and semi-direct radiative effects of absorbing aerosols in Europe: Results from a regional model. <b>2012</b> , 39, n/a-n/a	19
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89	Source contributions to Northern Hemisphere CO and black carbon during spring and summer 2008 from POLARCAT and START08/preHIPPO observations and MOZART-4.		19
88	Trace gas and particle emissions from open biomass burning in Mexico.		5
87	Extremely large anthropogenic aerosol component over the Bay of Bengal during winter season.		4
86	The Arctic response to remote and local forcing of black carbon.		1
85	Evaluation of preindustrial to present-day black carbon and its albedo forcing from ACCMIP (Atmospheric Chemistry and Climate Model Intercomparison Project).		12
84	Ambient black carbon particle hygroscopic properties controlled by mixing state and composition.		2
83	Online coupled regional meteorology-chemistry models in Europe: current status and prospects.		5
82	Elemental carbon in snow at Changbai Mountain, Northeastern China: concentrations, scavenging ratios and dry deposition velocities.		1
81	Satellite observations of cloud regime development: the role of aerosol processes.		1
80	Injection heights of springtime biomass burning plumes over the Peninsular Southeast Asia and their impacts on pollutant long-range transport.		1
79	An AeroCom assessment of black carbon in Arctic snow and sea ice.		1
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77	Constraints on aerosol processes in climate models from vertically-resolved aircraft observations of black carbon.		2

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