Asian emissions in 2006 for the NASA INTEX-B mission

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#	Paper	IF	Citations
1897	Significant Increase of Aromatics-Derived Secondary Organic Aerosol during Fall to Winter in China.		
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327	Historical (1850–2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application.	24
326	Anthropogenic aerosol radiative forcing in Asia derived from regional models with atmospheric and aerosol data assimilation.	3
325	Sulfur dioxide emissions in China and sulfur trends in East Asia since 2000.	7
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315	Typical types and formation mechanisms of haze in an eastern Asia megacity, Shanghai.	13

314	Aerosol simulation applying high resolution anthropogenic emissions with the EMAC chemistry-climate model.	2
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312	The IPAC-NC field campaign: a pollution and oxidization pool in the lower atmosphere over Huabei, China.	3
311	Carbonaceous aerosols in China: top-down constraints on primary sources and estimation of secondary contribution.	5
310	Estimates of anthropogenic halocarbon emissions based on its measured ratios relative to CO in the Pearl River Delta.	3
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306	Spatial and temporal variation of anthropogenic black carbon emissions in China for the period 1980–2009.	1
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303	Source contributions to Northern Hemisphere CO and black carbon during spring and summer 2008 from POLARCAT and START08/preHIPPO observations and MOZART-4.	19
302	Gaseous pollutants in Beijing urban area during the heating period 2007–2008: variability, sources, meteorological and chemical impacts.	2
301	Characteristics of pollutants and their correlation to meteorological conditions at a suburban site in the North China Plain.	2
300	Source identification and airborne chemical characterisation of aerosol pollution from long-range transport over Greenland during POLARCAT summer campaign 2008.	3
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298	The study of emission inventory on anthropogenic air pollutants and VOC species in the Yangtze River Delta region, China.	6
297	Aerosol optical properties in the North China Plain during HaChi campaign: an in-situ optical closure study.	3

296	Development of an aerosol chemical transport model RAQM2 and predictions of Northeast Asian aerosol mass, size, chemistry, and mixing type.	4
295	Model uncertainties affecting satellite-based inverse modeling of nitrogen oxides emissions and implications for surface ozone simulation.	4
294	Impact of anthropogenic emission on air-quality over a megacity revealed from an intensive atmospheric campaign during the Chinese Spring Festival.	3
293	The challenge to NO_x emission control for heavy-duty diesel vehicles in China.	1
292	Pre-industrial to end 21st century projections of tropospheric ozone from the Atmospheric Chemistry and Climate Model Intercomparison Project (ACCMIP).	8
291	Spatial distribution and seasonal variations of atmospheric sulfur deposition over Northern China.	1
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289	Sulfate-nitrate-ammonium aerosols over China: response to 2000–2015 emission changes of sulfur dioxide, nitrogen oxides, and ammonia.	2
288	The effects of recent control policies on trends in emissions of anthropogenic atmospheric pollutants and CO₂ in China.	6
287	Tropospheric methanol observations from space: retrieval evaluation and constraints on the seasonality of biogenic emissions.	6
286	Growth in NO_x emissions from power plants in China: bottom-up estimates and satellite observations.	5
285	Summertime photochemistry during CAREBeijing-2007: RO_x budgets and O₃ formation.	4
284	Estimation of biogenic volatile organic compound (BVOC) emissions from the terrestrial ecosystem in China using real-time remote sensing data.	11
283	Investigation of source attributions of pollution to the Western Arctic during the NASA ARCTAS field campaign.	3
282	GEM-AQ/EC, an on-line global multiscale chemical weather modelling system: model development and evaluations of global aerosol climatology.	2
281	Emissions of air pollutants and greenhouse gases over Asian regions during 2000–2008: Regional Emission inventory in ASia (REAS) version 2.	49
280	Source apportionment of ambient fine particle from combined size distribution and chemical composition data during summertime in Beijing.	6
279	Intense atmospheric pollution modifies weather: a~case of mixed biomass burning with fossil fuel combustion pollution in the eastern China.	2

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277	NO_x emissions in China: historical trends and future perspectives.	14
276	Refined estimate of China's CO₂ emissions in spatiotemporal distributions.	3
275	Regional nitrogen oxides emission trends in East Asia observed from space.	1
274	Retrieving tropospheric nitrogen dioxide over China from the Ozone Monitoring Instrument: effects of aerosols, surface reflectance anisotropy and vertical profile of nitrogen dioxide.	2
273	Influence of anthropogenic aerosols on the Asian monsoon: a case study using the WRF-Chem model.	4
272	Temporal changes in the emissions of CH₄ and CO from China estimated from CH₄ / CO₂ and CO / CO₂ correlations observed at Hateruma Island.	2
271	Global emission projections for the transportation sector using dynamic technology modeling.	1
270	Injection heights of springtime biomass burning plumes over the Peninsular Southeast Asia and their impacts on pollutant long-range transport.	1
269	Using a WRF simulation to examine regions where convection impacts the Asian summer monsoon anticyclone.	1
268	Impacts of different plant functional types on ambient ozone predictions in the Seoul Metropolitan Areas (SMA), Korea.	2
267	Validation of emission inventories by measurements of ambient volatile organic compounds in Beijing, China.	4
266	Ozone and fine particle in the western Yangtze River Delta: an overview of 1-yr data at the SORPES station.	4
265	The 2013 severe haze over the southern Hebei, China: model evaluation, source apportionment, and policy implications.	29
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263	VOC emissions, evolutions and contributions to SOA formation at a receptor site in Eastern China.	9
262	Key chemical NO_x sink uncertainties and how they influence top-down emissions of nitrogen oxides.	6
261	Why models struggle to capture Arctic Haze: the underestimated role of gas flaring and domestic combustion emissions.	4

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258	Heterogeneous chemistry: a mechanism missing in current models to explain secondary inorganic aerosol formation during the January 2013 haze episode in North China.	12
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252	Assessment of China's virtual air pollution transport embodied in trade by a consumption-based emission inventory.	7
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